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# Heating excellence.



# Experts in heating.



Made for Ireland



Market leading warranties



Year round customer support

At Ideal Heating, we're experts in heating and we believe in making our installers' lives as easy as possible. That's why we combine ease of installation with high levels of quality and reliability. We rigorously test each and every one of our products with dozens of safety and reliability checks before they leave our Yorkshire based factory. This is why we confidently offer industry leading warranties on our boilers so you can go the extra mile for your customers.

We believe in supporting our installers, not just with great products but with additional training and benefits. Our award-winning, loyalty scheme Connect provides easy warranty registrations, rewards and Gas Safe reminders, whilst our industry leading Expert Academy offers first class training centres and easy to access digital resources offering a range of courses and programmes to benefit you.

# Vogue MAX IE

Over a century of heating innovation has led to one thing: the Vogue Max IE.

A combination of sleek aesthetics and best in class components means the Vogue Max IE sits at the pinnacle of the Ideal range with an impressive 12 year warranty\*.

**System:** 15, 18, 26, 32

**Combi:** 26, 32, 40

## SYSTEM OR COMBI?

Our Vogue MAX IE range comes in both System or Combi models in a range of outputs.

The Vogue MAX System IE is ideal for homes with multiple bathrooms and large hot water demand. Available from 15kW up to 32kW there is Vogue MAX System IE available homes of any size.

A Vogue MAX Combi IE is great for homes with a family bathroom and average hot water usage. With outputs up to 40kW it is perfect for large homes making sure every corner of your home is warm.



20% Hydrogen ready



Premium components



Easy to use full colour display



Simple to install and service



Stylish aesthetics



Enhance boiler performance with Halo



## Vogue Max<sup>IE</sup>

COMBI 26 32 40

SYSTEM 15 18 26 32

The Ultimate in Quality

The Vogue Max<sup>IE</sup> has been designed for Irish Customers looking for a Premium Stainless Steel Boiler. With world leading technology, a sleek stylish design, 3.5" LCD display and an Adey system filter as standard, the Vogue Max IE affords homeowners the ultimate in peace of mind with a 12 year Manufacturers' warranty.



Up to 40kW output



Made for Ireland



Premium components



Simple to install & service



Stainless steel heat exchanger



Easy to use full colour display



Quality System Filter Included as standard



Frost protection



A

A

A

A

## VOGUE MAX IE NATURAL GAS

| Description                                   | Model | KW 70°C | KW 40°C | H x W x D mm |     |     | Reference | List Price |
|---|-------|---------|---------|--------------|-----|-----|-----------|------------|
| Vogue Max System IE Boiler (12 year warranty) | 15IE  | 3-15    | 16.2    | 740          | 445 | 330 | 223529    | €1,574.62  |
|   | 18IE  | 3.6-18  | 19.3    | 740          | 445 | 330 | 223530    | €1,618.07  |
|   | 26IE  | 5.2-26  | 27.9    | 740          | 445 | 330 | 223531    | €1,661.57  |
|   | 32IE  | 6.4-32  | 34.3    | 740          | 445 | 330 | 223532    | €1,748.41  |
| Vogue Max Combi IE Boiler (12 year warranty)  | 26IE  | 3.7-18  | 19.3    | 740          | 445 | 330 | 223525    | €1,785.98  |
|   | 32IE  | 4.6-26  | 27.9    | 740          | 445 | 330 | 223526    | €1,872.87  |
|   | 40IE  | 5.7-32  | 34.3    | 740          | 445 | 330 | 223528    | €1,966.81  |

LPG Kits available.

# The New Logic 2 MAX IE

With over four million Logic boilers sold, it has the reputation as one of the most reliable boilers available. We back this up with our 10 year warranty as standard for the Logic 2 MAX IE.

**System:** 15, 18, 24, 30  
**Combi:** 24, 30, 35  
**Heat:** 12, 15, 18, 24, 30

## SYSTEM, COMBI OR HEAT?

Our Logic 2 MAX IE range comes in both System, Combi and Heat only models with a wide range of outputs.

The Logic 2 MAX System IE is ideal for homes with multiple bathrooms and large hot water demand. Available from 15kW up to 30kW there is Logic 2 MAX System IE available to homes of any size.

A Logic 2 MAX Combi IE is great for homes with a family bathroom and average hot water usage. With outputs up to 35kW it is perfect for making sure every corner of your home is warm.

If your home has a water tank and hot water cylinder the Logic 2 MAX Heat IE could be ideal.



20% Hydrogen ready



Compact cupboard fit



Large colour screen and simple user interface



Quick and easy to install and service



Sleek modern design



Enhance boiler performance with Halo



## Logic 2 Max<sup>IE</sup>

Combi 24 30 35  
 System 15 18 24 30  
 Heat 15 18 24 30

The Best just got Better

The Logic 2 Max<sup>IE</sup> has been designed specifically for Irish Market conditions. The Logic 2 Max<sup>IE</sup> range comes complete with quality filter as standard & affords homeowners peace of mind with the new 10 year manufacturers' warranty .



Compact cupboard fit



Easy to see pressure gauge



Opentherm ready



Quality System Filter Included as standard



Made for Ireland



NOx class 6



Frost protection



Easy to use fully backlit LCD display

**A** **A**

**A** **A**

## LOGIC 2 Max<sup>IE</sup> NATURAL GAS

| Description  | Model | KW 70°C  | KW 40°C  | H x W x D mm |     |     | Reference | List Price |
|--|-------|----------|----------|--------------|-----|-----|-----------|------------|
| Logic 2 Max <sup>IE</sup> Heat Boiler (10 year warranty)   | H15IE | 4.8-15.0 | 5.1-15.9 | 700          | 395 | 278 | 228406    | €1,020.39  |
|  | H18IE | 4.8-18.0 | 5.1-19.1 | 700          | 395 | 278 | 228407    | €1,070.88  |
|  | H24IE | 4.8-24.2 | 5.1-25.6 | 700          | 395 | 278 | 228408    | €1,120.20  |
|  | H30IE | 6.1-30.3 | 6.4-31.0 | 700          | 395 | 278 | 228409    | €1,225.88  |
| Logic 2 Max <sup>IE</sup> System Boiler (10 year warranty) | S15IE | 4.8-15.0 | 5.1-15.9 | 700          | 395 | 278 | 228380    | €1,133.12  |
|  | S18IE | 4.8-18.0 | 5.1-19.1 | 700          | 395 | 278 | 228381    | €1,144.86  |
|  | S24IE | 4.8-24.2 | 5.1-25.6 | 700          | 395 | 278 | 228382    | €1,188.31  |
|  | S30IE | 6.1-30.3 | 6.1-31.0 | 700          | 395 | 278 | 228383    | €1,276.37  |
| Logic 2 Max <sup>IE</sup> Combi Boiler (10 year warranty)  | C24IE | 4.8-24.2 | 5.1-25.6 | 700          | 395 | 278 | 228337    | €1,201.22  |
|  | C30IE | 6.1-24.2 | 6.4-25.6 | 700          | 395 | 278 | 228338    | €1,344.48  |
|  | C35IE | 7.1-24.2 | 7.5-25.6 | 700          | 395 | 278 | 228339    | €1,506.52  |

LPG Kits available.

# Logic 2 IE

4 MILLION SOLD

## 4 MILLION SOLD

With over 4 million Logic boilers sold, the range has built a reputation as one of the easiest to install and work on.

The Logic 2 IE has received Good Housekeeping Reader Recommendation for seven years in a row along with Quiet Mark recognition on the Logic IE System and Combi.

**System:** 15, 18, 24, 30

**Combi:** 24, 30, 35

**Heat:** 12, 15, 18, 24, 30



H<sub>2</sub> 20%

20% Hydrogen ready



Compact cupboard fit



Sharp, high resolution screen with clear icons and text descriptions



Quick and easy to install and service



Sleek modern design



Compatible with Halo



## Logic 2<sup>IE</sup>

Combi 24 30 35

System 15 18 24 30

Heat 15 18 24 30

The Logic 2<sup>IE</sup> has been designed specifically for Irish Market conditions. With hundreds of thousands installed in Ireland the Logic 2<sup>IE</sup> has become the boiler of choice for Irish Installers and is backed by Manufacturers' 7 year warranty as standard.



Compact cupboard fit



Easy to see pressure gauge



Opentherm ready



Made for Ireland



NOx class 6



Frost protection



Easy to use fully backlit LCD display



## LOGIC 2<sup>IE</sup> NATURAL GAS

| Description                                | Model | KW 70°C  | KW 40°C  | H x W x D mm |     |     | Reference | List Price |
|--|-------|----------|----------|--------------|-----|-----|-----------|------------|
| Logic 2 Heat IE Boiler (7 year warranty)   | H15IE | 4.8-15.0 | 5.1-15.9 | 700          | 395 | 278 | 228391    | €1,207.09  |
|  | H18IE | 4.8-18.0 | 5.1-19.1 | 700          | 395 | 278 | 228392    | €1,257.58  |
|  | H24IE | 4.8-24.2 | 5.1-25.6 | 700          | 395 | 278 | 228393    | €1,306.90  |
|  | H30IE | 6.1-30.3 | 6.4-31.0 | 700          | 395 | 278 | 228394    | €1,412.58  |
| Logic 2 System IE Boiler (7 year warranty) | S15IE | 4.8-15.0 | 5.1-15.9 | 700          | 395 | 278 | 228356    | €1,319.82  |
|  | S18IE | 4.8-18.0 | 5.1-19.1 | 700          | 395 | 278 | 228357    | €1,331.56  |
|  | S24IE | 4.8-24.2 | 5.1-25.6 | 700          | 395 | 278 | 228358    | €1,375.01  |
|  | S30IE | 6.1-30.3 | 6.1-31.0 | 700          | 395 | 278 | 228359    | €1,463.07  |
| Logic 2 Combi IE Boiler (7 year warranty)  | C24IE | 4.8-24.2 | 5.1-25.6 | 700          | 395 | 278 | 228313    | €1,387.92  |
|  | C30IE | 6.1-24.2 | 6.4-25.6 | 700          | 395 | 278 | 228314    | €1,531.18  |
|  | C35IE | 7.1-24.2 | 7.5-25.6 | 700          | 395 | 278 | 228315    | €1,693.22  |

Outputs quoted are for non-condensing mode.

LPG Kits available.

\*10 year warranty when installed with an Ideal System Filter. 8 years parts and labour warranty as standard. Terms and conditions apply.

# Flues & accessories

## LOGIC 2 & VOGUE FLUE KITS

| Part No. | Description   | Logic <sup>2</sup> Heat IE | Logic <sup>2</sup> Syst. IE | Logic <sup>2</sup> Combi | Vogue Combi | Vogue Syst. | List Price |
|----------|---|----------------------------|-----------------------------|--------------------------|-------------|-------------|------------|
| 208171   | Horizontal flue terminal (0.6m long)                        | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €124.88    |
| 217442   | Horizontal flue terminal (1m long)                          | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €158.37    |
| 208169   | Telescopic B pack flue (0.6m long)                          | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €124.35    |
| 208174   | Telescopic horizontal flue terminal (1m long)               | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €170.28    |
| 208290   | Raised horizontal flue kit                                  | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €705.72    |
| 211037   | Flue extension 0.5m kit (Pack D)                            | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €85.76     |
| 203129   | Flue extension 1m (pack D)                                  | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €94.81     |
| 211038   | Flue extension 2m kit (Pack D)                              | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €213.97    |
| 203130   | Flue elbow 90° kit (60/100)                                 | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €78.63     |
| 203131   | Flue elbow 45° kit (60/100) (pair)                          | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €143.21    |
| 208175   | Flue vertical connector                                     | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €112.26    |
| 208178   | High level flue outlet kit / Plume Kit                      | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €195.98    |
| 203228   | Flue ext. kit 60mm dia (1m)-high level flue o/l kit         | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €76.74     |
| 203229   | High level 90° elbow  | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €80.61     |
| 203230   | High level 45° elbow (pair)                                 | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €91.40     |
| 152258   | Weather collar universal 100mm (slate/tile)                 | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €92.47     |
| 152259   | Weather collar flat roof 100mm dia                          | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €80.46     |
| 208176   | Flue deflector Kit 60mm dia                                 | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €99.82     |
| 205990   | Rear flue outlet kit 55/80 (Logic Heat IE only)             | ✓                          | ✗                           | ✗                        | ✗           | ✗           | €117.82    |
| 205989   | High level outlet kit 55/80 (Logic Heat IE only, rear flue) | ✓                          | ✗                           | ✗                        | ✗           | ✗           | €258.07    |
| 208177   | Balcony flue outlet kit                                     | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €392.82    |
| 211039   | Roof flue kit (with vertical connector)                     | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €355.87    |
| 211302   | Soffit kit 60/100   | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €67.52     |
| 205247   | Flue bracket kit  | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €32.81     |
| 205024   | Concentric flue screw retaining kit                         | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €6.99      |
| 155988   | Flue finishing kit  | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €28.37     |
| 203134   | Flue powered vertical terminal 100 dia (Logic IE only)      | ✓                          | ✓                           | ✓                        | ✗           | ✗           | €232.47    |
| 203136   | Vertical powered flue kit (Logic only)                      | ✓                          | ✓                           | ✓                        | ✗           | ✗           | €263.00    |
| 203142   | Flue ext. pipe 80mm dia(pair) twin/vert (Logic IE only)     | ✓                          | ✓                           | ✓                        | ✗           | ✗           | €166.07    |
| 210803   | Roof terminal extension 60/100                              | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €204.51    |
| 62289    | Ideal Brass Flushing Adaptor Logic2 Max Filter              | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €71.28     |
| 222706   | Ideal System Protection Pack                                | ✓                          | ✓                           | ✓                        | ✓           | ✓           | €78.28     |

## VOGUE ACCESSORIES

| Part No. | Description                                      | Logic <sup>2</sup> Heat IE | Logic <sup>2</sup> Syst. IE | Logic <sup>2</sup> Combi | Vogue GEN2 Combi | Vogue GEN2 Syst. | List Price |
|----------|--|----------------------------|-----------------------------|--------------------------|------------------|------------------|------------|
| 208442   | Stand off kit Vogue                              | ✗                          | ✗                           | ✗                        | ✓                | ✓                | €80.42     |
| 217088   | Stand off kit (including piping) Vogue Combi IE  | ✗                          | ✗                           | ✗                        | ✓                | ✗                | €349.92    |
| 217089   | Stand off kit (including piping) Vogue System IE | ✗                          | ✗                           | ✗                        | ✗                | ✓                | €201.99    |
| 205419   | Kit - DHW expansion vessel                       | ✗                          | ✗                           | ✗                        | ✓                | ✓                | €75.08     |
| 159991   | Condensate pump kit                              | ✗                          | ✗                           | ✗                        | ✓                | ✓                | €337.05    |
| 204565   | Secondary pressure relief valve kit              | ✗                          | ✗                           | ✗                        | ✓                | ✓                | €37.48     |
| 205217   | Security bracket kit                             | ✗                          | ✗                           | ✗                        | ✓                | ✓                | €38.72     |

## LOGIC<sup>2</sup> ACCESSORIES

| Part No. | Description                                     | Logic <sup>2</sup> Heat IE | Logic <sup>2</sup> Syst. IE | Logic <sup>2</sup> Combi | Vogue GEN2 Combi | Vogue GEN2 Syst. | List Price |
|----------|---|----------------------------|-----------------------------|--------------------------|------------------|------------------|------------|
| 211328   | Terminal Wall Plate RS kit combi & system IE    | ✗                          | ✓                           | ✓                        | ✗                | ✗                | €63.46     |
| 206164   | Terminal wall plate kit RS replacement (heat)   | ✓                          | ✗                           | ✗                        | ✗                | ✗                | €56.30     |
| 211041   | Pre-piping kit (combi IE)                       | ✗                          | ✗                           | ✓                        | ✗                | ✗                | €395.39    |
| 211331   | Pre-piping kit (System IE)                      | ✗                          | ✓                           | ✗                        | ✗                | ✗                | €309.74    |
| 206153   | Logic <sup>2</sup> Heat only stand off kit      | ✓                          | ✗                           | ✗                        | ✗                | ✗                | €95.05     |
| 229120   | Logic <sup>2</sup> System & Combi stand off kit | ✗                          | ✓                           | ✓                        | ✗                | ✗                | €95.05     |

## NG-LPG CONVERSION KITS

| Part No. | Description                     | Logic Heat IE | Logic Syst. IE | Logic Combi | Vogue GEN2 Combi | Vogue GEN2 Syst. | List Price |
|----------|---------------------------------|---------------|----------------|-------------|------------------|------------------|------------|
| 235386   | Logic <sup>2</sup> 18kw LPG Kit | ✓             | ✓              | ✗           | ✗                | ✗                | €154.89    |
| 235387   | Logic <sup>2</sup> 24kw LPG Kit | ✓             | ✗              | ✓           | ✗                | ✗                | €154.89    |
| 235389   | Logic <sup>2</sup> 30kw LPG Kit | ✓             | ✓              | ✓           | ✗                | ✗                | €154.89    |
| 235390   | Logic <sup>2</sup> 35kw LPG Kit | ✗             | ✗              | ✓           | ✗                | ✗                | €154.89    |
| 218370   | Vogue Combi 26IE Gen 2          | ✗             | ✗              | ✗           | ✓                | ✗                | €154.89    |
| 218371   | Vogue Combi 32IE Gen 2          | ✗             | ✗              | ✗           | ✓                | ✗                | €154.89    |
| 218372   | Vogue Combi 40IE Gen 2          | ✗             | ✗              | ✗           | ✓                | ✗                | €154.89    |
| 218373   | Vogue System S15IE Gen 2        | ✗             | ✗              | ✗           | ✗                | ✓                | €154.89    |
| 218374   | Vogue System S18IE Gen 2        | ✗             | ✗              | ✗           | ✗                | ✓                | €154.89    |
| 218375   | Vogue System S26IE Gen 2        | ✗             | ✗              | ✗           | ✗                | ✓                | €154.89    |
| 218376   | Vogue System S32IE Gen 2        | ✗             | ✗              | ✗           | ✗                | ✓                | €154.89    |

## HALO

| Part No. | Description                 | List Price |
|----------|-----------------------------|------------|
| 222140   | Ideal Halo Combi RF         | €478.48    |
| 222141   | Ideal Halo System/Heat RF   | €478.48    |
| 222142   | Ideal Halo Combi Wi-Fi      | €478.48    |
| 222143   | Ideal Halo System/Heat Wifi | €478.48    |

| Part No. | Description                           | List Price |
|----------|---------------------------------------|------------|
| 222144   | Ideal Halo Combi 2 Zone Upgrade       | €318.99    |
| 222145   | Ideal Halo System/Heat 2 Zone Upgrade | €318.99    |
| 221132   | Ideal Halo Zigbee Booster             | €78.66     |

# Flue Accessories

## Logic Combi & Vogue Combi



|                       |   |
|-----------------------|---|
| 24 & 26 kW Appliances | Total Maximum: 9 metres - minus any flue kit options or bends |
| 30 & 32 kW Appliances | Total Maximum: 8 metres - minus any flue kit options or bends |
| 35 & 38 kW Appliances | Total Maximum: 6 metres - minus any flue kit options or bends |

### Total Maximum Permissible Vertical Flue Length

combining both Roof Terminal and 'D' Packs

|                              |   |
|------------------------------|---|
| 24 - 38 kW Appliances        | Total Maximum: 7.5 Metres - minus any bends   |
| <b>Powered Vertical Flue</b> |   |
| 24 - 38 kW Appliances        | Example: 5 Metres - Concentric Flue and 17m flue pipe only.<br>For additional configurations and details refer to the Powered |

Vertical instructions

**90° Elbow Kit 60/100** - (Equivalent flue length resistance = 1M)

**45° Elbow Kit 60/100** - (Equivalent flue length resistance = 0.6M)

**Minimum Horizontal Flue Lengths** (Centre line of turret to outside of wall terminal)

Telescopic Flue 'B' Pack = 400mm

Horizontal Flue terminal (600mm long) B Pack = 285mm

|  |  |   |   |   |  |
|--|--|---|---|---|--|
| <p>Telescopic B pack flue (0.6m long)</p> <p>Ideal part no. 208169</p>     | <p>Horizontal flue terminal (0.6m long)</p> <p>Ideal part no. 208171</p> | <p>Telescopic horizontal flue terminal (1m long)</p> <p>Ideal part no. 208174</p>   | <p>Flue extension 0.5m, 1m or 2m (Pack D)</p> <p>Ideal part no. 0.5m 211037<br/>1m 203129<br/>2m 211038</p> | <p>Flue Bracket Kit</p> <p>Ideal part no. 205247</p>  | <p>Flue deflector 60 dia</p> <p>Ideal part no. 208176</p>              |
| <p>Flue elbow 90° kit (60/100) packaged</p> <p>Ideal part no. 203130</p>   | <p>Flue elbow 45° kit (60/100) packaged</p> <p>Ideal part no. 203131</p> | <p>Roof flue kit inc. vertical connector</p> <p>Ideal part no. 211039</p>           | <p>Flue vertical connector</p> <p>Ideal part no. 208175</p>   | <p>Weather collar (universal) 100 dia</p> <p>Ideal part no. 152258</p>  | <p>Weather collar (flat roof) 100 dia</p> <p>Ideal part no. 152259</p> |
| <p>Flue powered vertical terminal 100 dia</p> <p>Ideal part no. 203134</p> | <p>Vertical Powered flue kit</p> <p>Ideal part no. 203136</p>            | <p>Flue extension pipe 80 dia (pair) twin/vertical</p> <p>Ideal part no. 203142</p> | <p>Concentric flue screw retaining kit</p> <p>Ideal part no. 205024</p>                                     | <p>Flue finishing kit</p> <p>Ideal part no. 155988</p>  | <p>Terminal wall plate (Combi C)</p> <p>Ideapart no. 211328</p>        |
| <p>Balcony flue outlet kit</p> <p>Ideal part no. 208177</p>                |  | <p>Soffit kit</p> <p>Ideal part no. 211302</p>                                      |   | <p>Raised horizontal flue outlet kit</p> <p><b>NOTE:</b><br/>A 1 metre vertical pipe is supplied as standard. Both horizontal and vertical lengths can be extended using extension pack D. Refer to installation instructions for maximum lengths.</p> <p>Ideal part no. 208290</p> |  |

# Flue Accessories

## Logic System, Vogue System and Logic Heat



### Total Maximum Permissible Horizontal Concentric Flue Length

combining both 'B' Packs and 'D' Packs (Measured from centreline of the turret to the outside of the wall terminal)

|                           |   |
|---------------------------|---|
| 15, 18 & 24 kW Appliances | Total Maximum: 9 metres - minus any flue kit options or bends |
| 30 kW Appliances          | Total Maximum: 8 metres - minus any flue kit options or bends |

### Total Maximum Permissible Vertical Flue Length

combining both Roof Terminal and 'D' Packs

|                              |   |
|------------------------------|---|
| 15, 18, 24 & 30kW Appliances | Total Maximum: 7.5 Metres - minus any bends   |
| <b>Powered Vertical Flue</b> |   |
| 15, 18, 24 & 30kW Appliances | Example: 5 Metres - Concentric Flue and 17m flue pipe only.<br>For additional configurations and details refer to the Powered Vertical instructions |

**90° Elbow Kit 60/100** - (Equivalent flue length resistance = 1M)

**45° Elbow Kit 60/100** - (Equivalent flue length resistance = 0.6M)

**Minimum Horizontal Flue Lengths** (Centre line of turret to outside of wall terminal) Telescopic Flue 'B' Pack = 400mm

Horizontal Flue terminal (600mm long) 'B' Pack = 285mm

|  |  |   |   |   |  |
|--|--|---|---|---|--|
| <p>Telescopic B pack flue (0.6m long)</p> <p>Ideal part no. 208169</p>     | <p>Horizontal flue terminal (0.6m long)</p> <p>Ideal part no. 208171</p> | <p>Telescopic horizontal flue terminal (1m)</p> <p>Ideal part no. 208174</p>        | <p>Flue extension 0.5m, 1m or 2m (Pack D)</p> <p>Ideal part no. 0.5m 211037<br/>1m 203129<br/>2m 211038</p> | <p>Flue Bracket Kit</p> <p>Ideal part no. 205247</p>  | <p>Flue deflector 60 dia</p> <p>Ideal part no. 208176</p>                        |
| <p>Flue elbow 90° kit (60/100) packaged</p> <p>Ideal part no. 203130</p>   | <p>Flue elbow 45° kit (60/100) packaged</p> <p>Ideal part no. 203131</p> | <p>Roof flue kit inc. vertical connector</p> <p>Ideal part no. 211039</p>           | <p>Flue vertical connector</p> <p>Ideal part no. 208175</p>   | <p>Weather collar (universal) 100 dia</p> <p>Ideal part no. 152258</p>  | <p>Weather collar (flat roof) 100 dia</p> <p>Ideal part no. 152259</p>           |
| <p>Flue powered vertical terminal 100 dia</p> <p>Ideal part no. 203134</p> | <p>Vertical Powered flue kit</p> <p>Ideal part no. 203136</p>            | <p>Flue extension pipe 80 dia (pair) twin/vertical</p> <p>Ideal part no. 203142</p> | <p>Concentric flue screw retaining kit</p> <p>Ideal part no. 205024</p>                                     | <p>Flue finishing kit</p> <p>Ideal part no. 155988</p>  | <p>Terminal wall plate</p> <p>Ideapart no. 211328 (System)<br/>206164 (Heat)</p> |
| <p>Balcony flue outlet kit</p> <p>Ideal part no. 208177</p>                |  | <p>Soffit kit</p> <p>Ideal part no. 211302</p>                                      |   | <p>Raised horizontal flue outlet kit</p> <p><b>NOTE:</b><br/>A 1 metre vertical pipe is supplied as standard. Both horizontal and vertical lengths can be extended using extension pack D. Refer to installation instructions for maximum lengths.</p> <p>Ideal part no. 208290</p> |  |



# Gas conversion kits

## LPG KITS

### VOGUE MAX IE

Natural gas to LPG kit



#### EACH KIT COMPRISES:

- Burner injector
- Data plate labels
- Instructions

Two data plate labels are provided in the kits inclusive of a new data plate providing LPG details, and a label to retain boiler serial number identity.

#### KEY FEATURES

- Available for all Vogue MAX System and Combi IE models
- Fast & simple conversion using boiler controls and injector

#### PRODUCTS APPLICABLE

- Vogue MAX System 15, 18, 26, 32 kW
- Vogue MAX Combi 26, 32, 40 kW

| PART No. | DESCRIPTION                     |
|----------|---------------------------------|
| 227769   | Stand-off kit with pipes Combi  |
| 227770   | Stand-off kit with pipes System |
| 229120   | Stand-off kit Combi & System    |
| 234642   | Secondary PRV kit               |

| PRODUCT CODE      | NG - LPG CONVERSION KITS |
|-------------------|--------------------------|
| 218370            | VOGUE IE C26             |
| 218371            | VOGUE IE C32             |
| 218372            | VOGUE IE C40             |
| 218373            | VOGUE IE S15             |
| <del>218374</del> | <del>VOGUE IE S32</del>  |
| 218375            | VOGUE IE S26             |

### LOGIC MAX IE

Natural gas to LPG kit



#### EACH KIT COMPRISES:

- Gas valve (preset operation)
- Burner injector
- Data plate labels
- Instructions

The Gas valve is supplied preset to enable a quick and easy installation whilst ensuring the safety benefits are retained during conversion.

Multiple data plate labels are provided in the kits inclusive of a new data plate providing gas details and a label to retain boiler serial number identity.

#### KEY FEATURES

- Available for all Logic MAX System & Heat IE ranges 18kW and above
- Available for Logic MAX Combi IE range
- Suitable for most property sizes
- Fast & simple conversion with pre-set gas valve for no product adjustment

| NATURAL GAS TO LPG (PROPANE) | PRODUCT CODE |
|------------------------------|--------------|
| 18kW LOGIC IE BOILERS        | 235386       |
| 24kW LOGIC IE BOILERS        | 235387       |
| 30kW LOGIC IE BOILERS        | 235389       |
| 35kW LOGIC IE BOILERS        | 235390       |

| LOGIC IE BOILER |                          |        | CONVERSION KIT |          |          |          |
|-----------------|--------------------------|--------|----------------|----------|----------|----------|
| BRAND           | Model name               | UIN    | 18kW LPG       | 24kW LPG | 30kW LPG | 35kW LPG |
|                 |                          |        | 235386         | 235387   | 235389   | 235390   |
| Ideal Heating   | LOGIC COMBI2 C24 IE      | 228313 |                | x        |          |          |
| Ideal Heating   | LOGIC COMBI2 C30 IE      | 228314 |                |          | x        |          |
| Ideal Heating   | LOGIC COMBI2 C35 IE      | 228315 |                |          |          | x        |
| Ideal Heating   | LOGIC SYSTEM2 S18 IE     | 228357 | x              |          |          |          |
| Ideal Heating   | LOGIC SYSTEM2 S30 IE     | 228359 |                |          | x        |          |
| Ideal Heating   | LOGIC HEAT2 H18 IE       | 228392 | x              |          |          |          |
| Ideal Heating   | LOGIC HEAT2 H24 IE       | 228393 |                | x        |          |          |
| Ideal Heating   | LOGIC HEAT2 H30 IE       | 228394 |                |          | x        |          |
| Ideal Heating   | LOGIC MAX COMBI2 C24 IE  | 228337 |                | x        |          |          |
| Ideal Heating   | LOGIC MAX COMBI2 C30 IE  | 228338 |                |          | x        |          |
| Ideal Heating   | LOGIC MAX COMBI2 C35 IE  | 228339 |                |          |          | x        |
| Ideal Heating   | LOGIC MAX SYSTEM2 S18 IE | 228381 | x              |          |          |          |
| Ideal Heating   | LOGIC MAX SYSTEM2 S30 IE | 228383 |                |          | x        |          |
| Ideal Heating   | LOGIC MAX HEAT2 H18 IE   | 228407 | x              |          |          |          |
| Ideal Heating   | LOGIC MAX HEAT2 H24 IE   | 228408 |                | x        |          |          |
| Ideal Heating   | LOGIC MAX HEAT2 H30 IE   | 228409 |                |          | x        |          |

#### CONVERSION KIT CONTENTS

##### Each kit comprises:

- Gas valve (preset operation)
- Burner injector
- Data plate labels
- Instructions

The Gas valve is supplied preset to enable a quick and easy installation whilst ensuring the safety benefits are retained during conversion.

Multiple data plate labels are provided in the kits inclusive of a new data plate providing gas details and a label to retain boiler serial number identity.

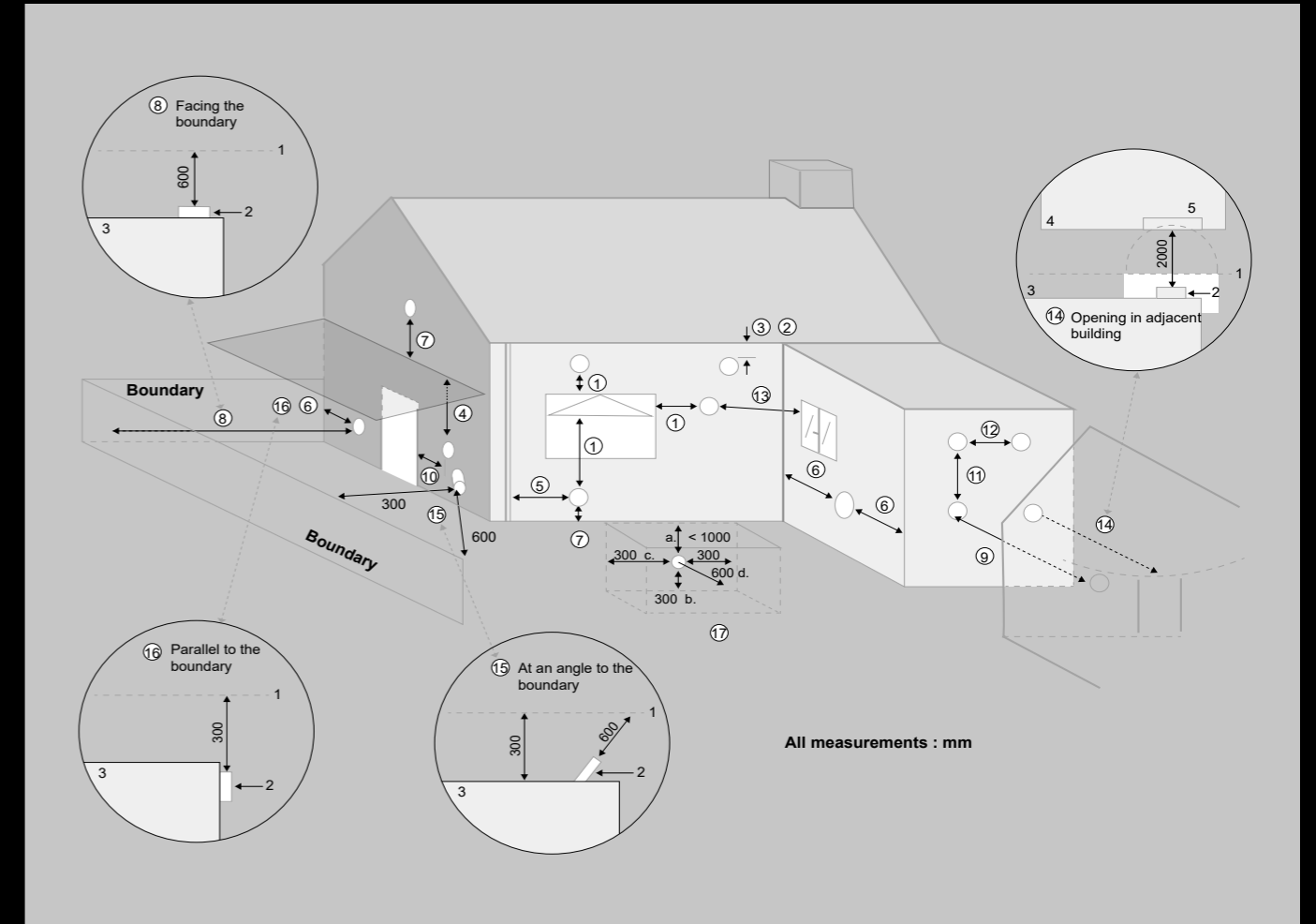
# Flue siting

There are a substantial number of flue options available, giving excellent siting flexibility for almost all applications.

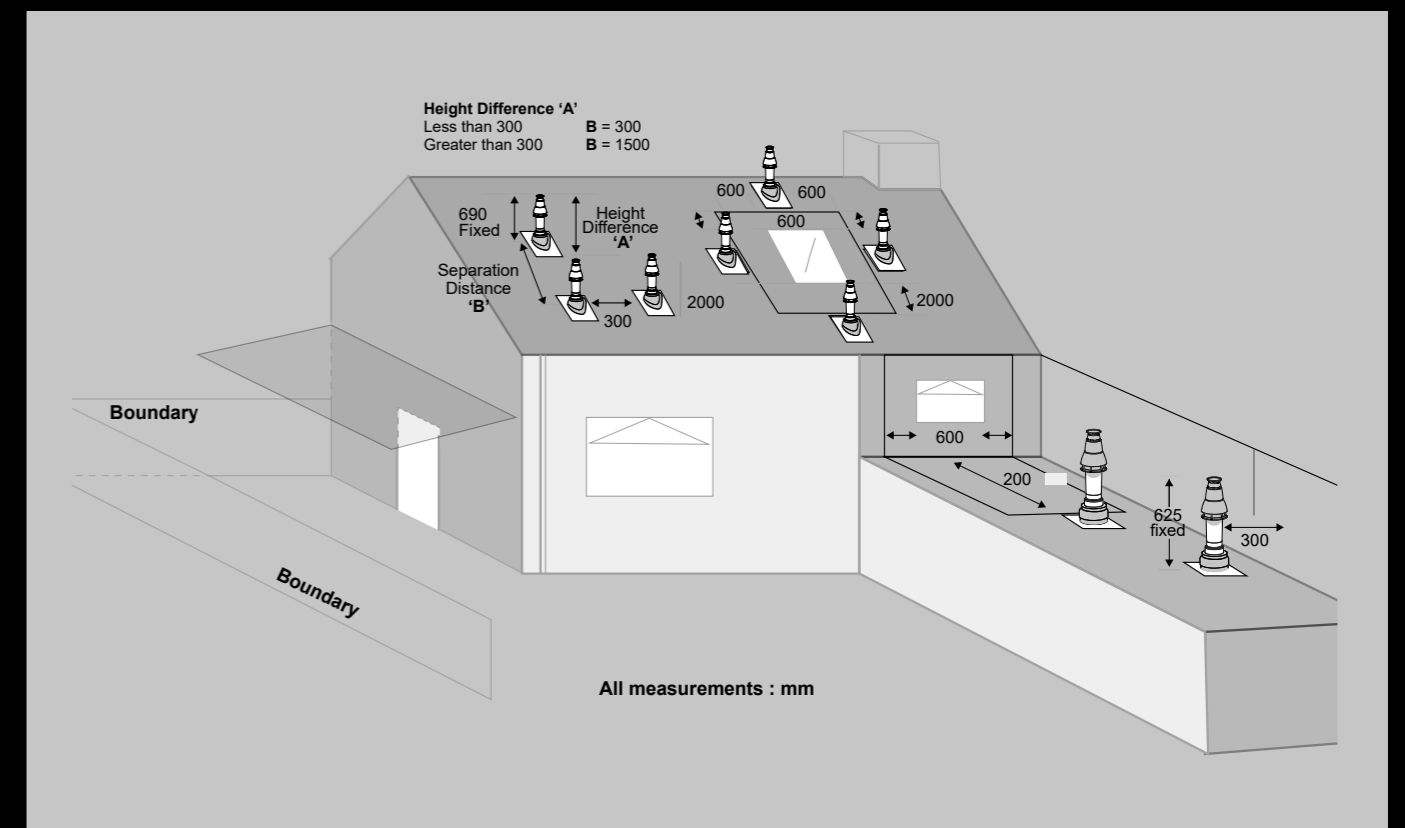
The range of options include standard and telescopic flues as well as vertical and raised horizontal options.

To ensure siting issues are kept to a minimum, High Level Flue Outlet kit options and Flue Deflectors are available.

| FLUE TERMINAL POSITION  | MIN SPACING            |                |
|---|------------------------|----------------|
| 1. Directly below, above or alongside an opening. 300 mm                        | 300mm                  |                |
| 2. Below guttering, drain pipes or soil pipes.                                  | 75mm<br>25mm*          |                |
| 3. Below eaves.   | 200mm<br>25mm*         |                |
| 4. Below balconies or car port roof.  | 200mm<br>25mm*         |                |
| 5. From vertical drain pipes or soil pipes.                                     | 150mm<br>25mm*         |                |
| 6. From an internal or external corner or to a boundary alongside the terminal. | 300mm<br>25mm*         |                |
| 7. Above ground, roof or balcony level.   | 300mm                  |                |
| 8. From a surface or a boundary facing a terminal.                              | 600mm                  |                |
| 9. From a terminal facing a terminal.   | 1200mm                 |                |
| 10. From an opening in a car port into dwelling.                                | 1200mm                 |                |
| 11. Vertically from a terminal on the same wall.                                | 1500mm                 |                |
| 12. Horizontally from a terminal wall.  | 300mm                  |                |
| 13. Horizontally from an adjacent window  | 600mm                  |                |
| 14. Facing an opening into an adjacent building                                 | 2000mm                 |                |
| 15. At an angle to the boundary   | 90°<br>45°             | 300mm<br>600mm |
| 16. Parallel to a boundary  | 300mm                  |                |
| 17. Below ground level - open light well  |                        |                |
|   | a) Below ground        | <1,000 mm      |
|   | b) Above floor level   | 300mm          |
|   | c) From side           | 300mm          |
|   | d) From facing surface | 600mm          |



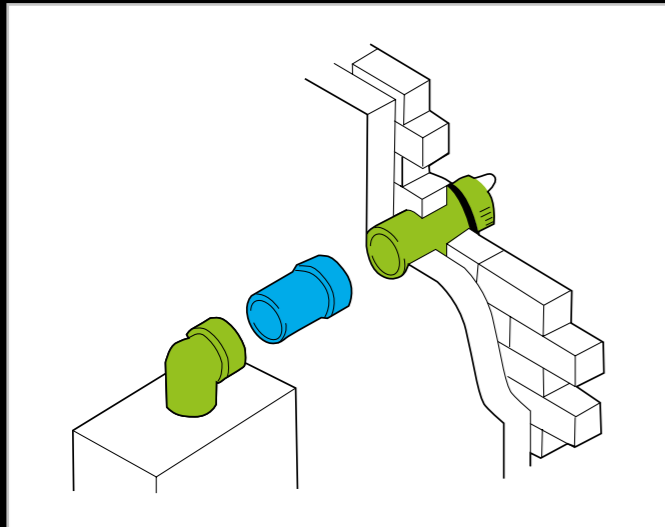
All measurements : mm



All measurements : mm

# Flue configurations

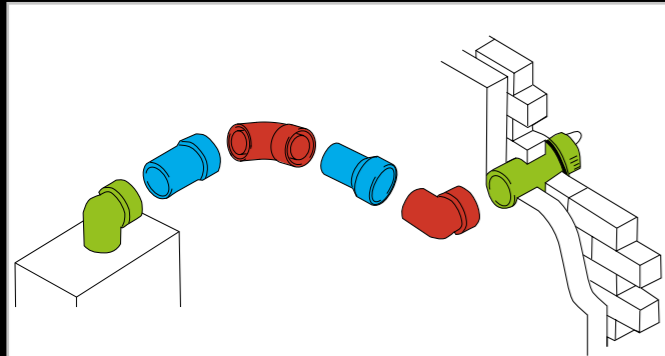
## HORIZONTAL CONCENTRIC 100MM DIAMETER



| FLUE                                | PART NO. |
|-------------------------------------|----------|
| Horizontal flue non-telescopic 0.6m | 208171   |
| Flue extension 1m with bracket      | 203129   |

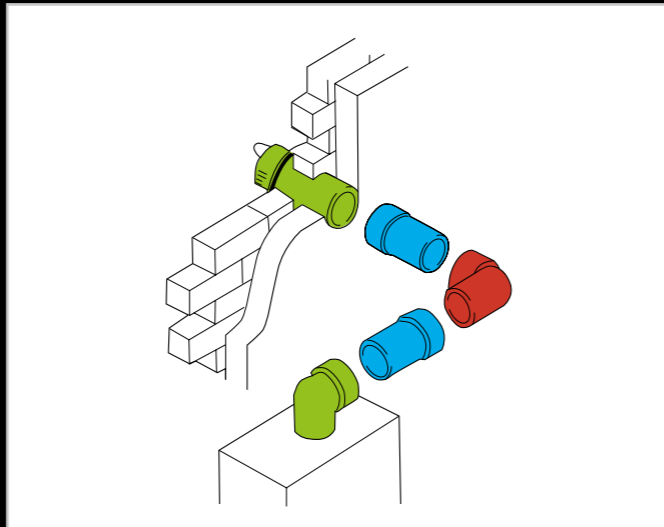
| ALTERNATIVE FLUE TERMINALS          | PART NO. |
|-------------------------------------|----------|
| Horizontal flue telescopic 0.5m     | 208169   |
| Horizontal flue telescopic 0.7m     | 208174   |
| Horizontal flue non-telescopic 0.8m | 217442   |

## HORIZONTAL FLUE WITH 2 X 90° BEND



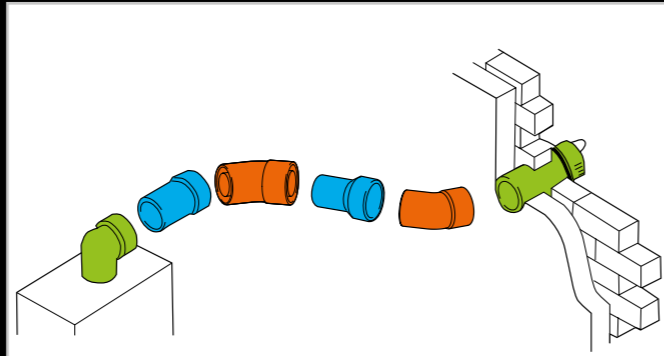
| FLUE                                | PART NO. |
|-------------------------------------|----------|
| Horizontal flue non-telescopic 0.6m | 208171   |
| Flue extension 1m with bracket      | 203129   |
| Flue bend 90°                       | 203130   |

## HORIZONTAL FLUE WITH 1 X 90° BEND



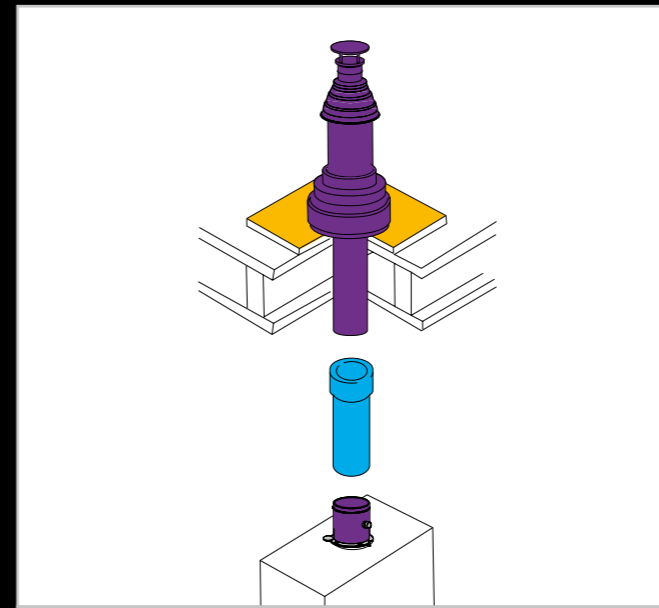
| FLUE                                | PART NO. |
|-------------------------------------|----------|
| Horizontal flue non-telescopic 0.6m | 208171   |
| Flue extension 1m with bracket      | 203129   |
| Flue bend 90°                       | 203130   |

## HORIZONTAL FLUE WITH 2 X 45° BEND



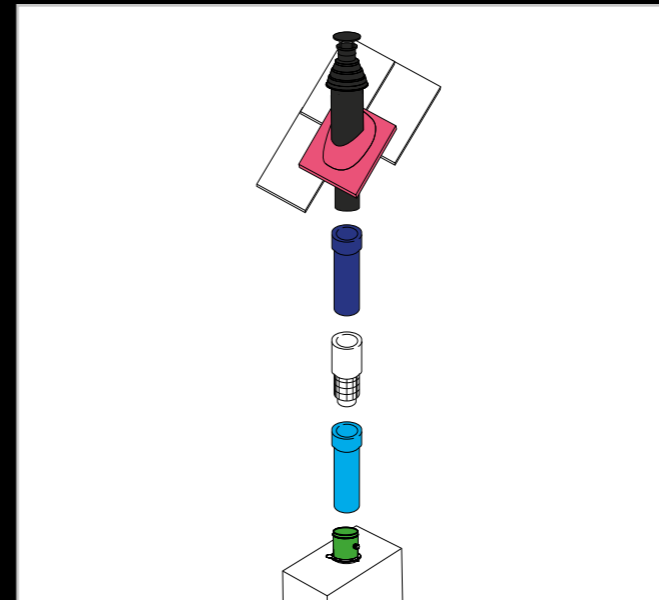
| FLUE                                | PART NO. |
|-------------------------------------|----------|
| Horizontal flue non-telescopic 0.6m | 208171   |
| Flue extension 1m with bracket      | 203129   |
| Flue bend 45° pair                  | 203131   |

## VERTICAL FLUE SYSTEM



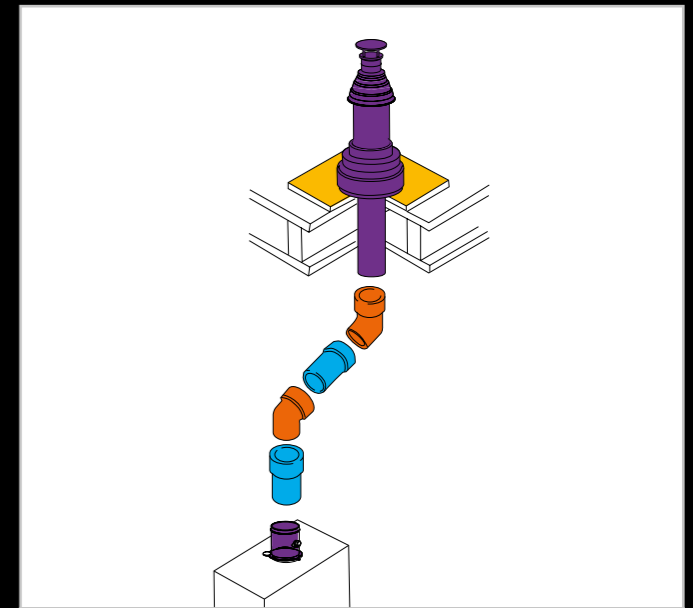
| FLUE                                 | PART NO. |
|--------------------------------------|----------|
| Vertical flue terminal and connector | 211039   |
| Flue extension 1m with bracket       | 203129   |
| Flat roof weather collar             | 152259   |

## VERTICAL FLUE WITH LOFT AIR INLET



| FLUE                           | PART NO. |
|--------------------------------|----------|
| Air inlet for vertical flue    | 203136   |
| Flue vertical connector        | 208175   |
| Vertical flue terminal         | 203134   |
| Weather collar pitched roof    | 152258   |
| Flue extension 1m with bracket | 203129   |
| Flue extension 1m pair (Ø80mm) | 203142   |

## ROOF FLUE SYSTEM WITH 2 X 45° BEND



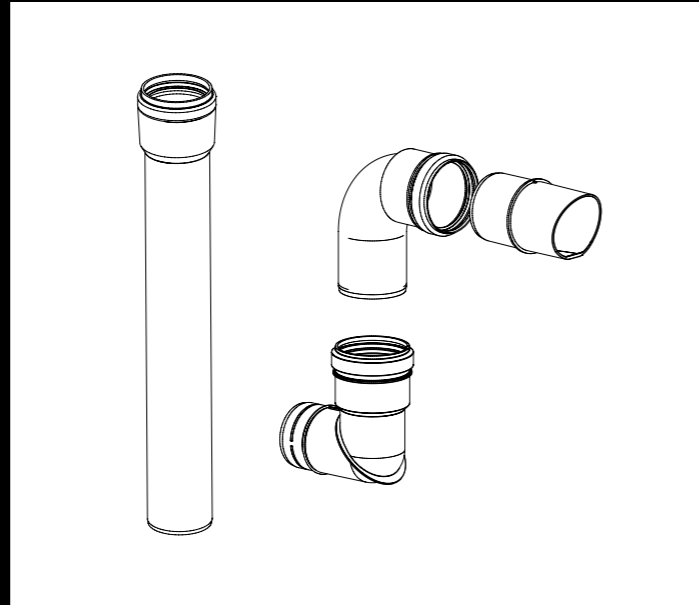
| FLUE                                 | PART NO. |
|--------------------------------------|----------|
| Vertical flue terminal and connector | 211039   |
| Flue extension 1m with bracket       | 203129   |
| Flue elbow 45° pair (Ø60/100)        | 203131   |
| Flat roof weather collar             | 152259   |

**NOTE:** Allows the boiler to be sited in a position where no access to an outside wall is available. Permits the concentric flue to run vertically from the top of the boiler and obtain air supply within the roof space, the secondary flue continuing to the external flue terminal. Offset applications are permissible though the maximum length is reduced.

# High level flue outlet kit

These easy to install kits allow the boiler flue outlet to be extended external to the building, upwards to provide a flue exit at high level, overcoming problems associated with plume emission. The kit is simple to retrofit if necessary.

An external 60mm diameter flue leads from the boiler terminal (which includes a 90° bend at the flue exit) to terminate with a 90° bend complete with grille. Push fit 1m extension pipes are used as required, and the fixing clips supplied support the system from the wall. Both 90° and 45° bend are available to provide routing options.



### The kit comprises:

- Flue bend - 1 off
- 60mm flue exit bend - 1 off
- 60mm horizontal flue exit - 1 off
- 60mm x 500mm flue extension pipe - 1 off

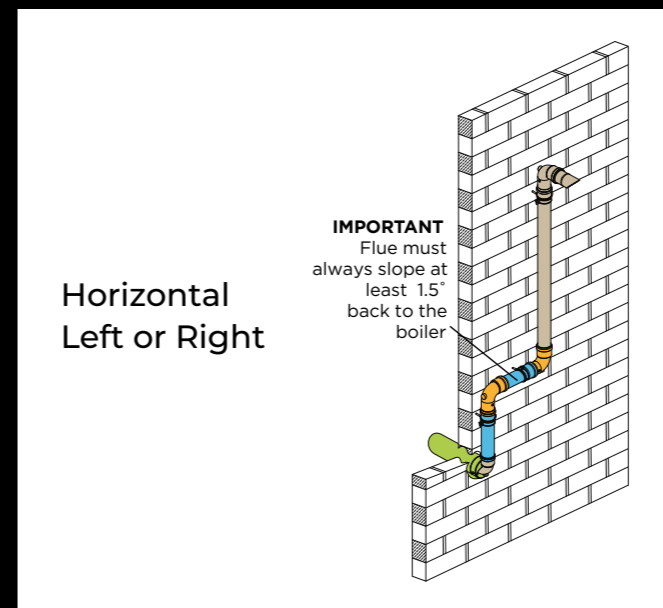
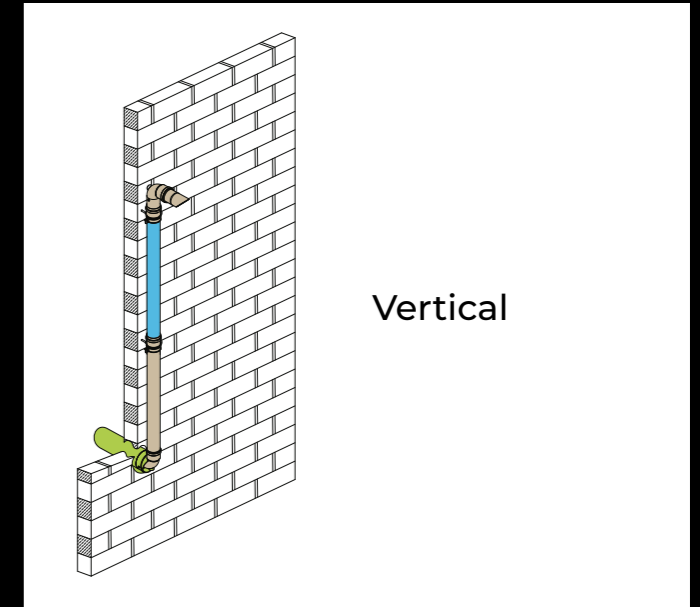
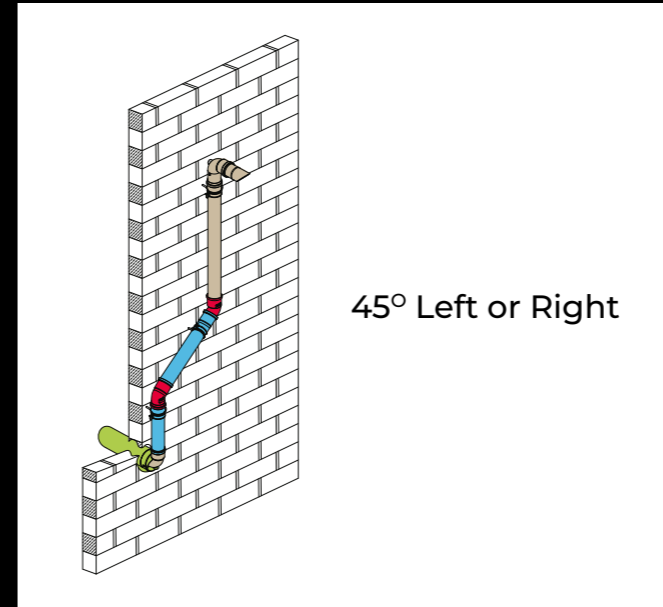
This kit is for use with horizontal non-telescopic and telescopic flue kits 208169, 208171, 208174 and 217442.

The standard terminal nose is replaced with the high level terminal.

| FLUE   | IDEAL PART NO. |
|--|----------------|
| Horizontal flue non-telescopic 0.6m                  | 208171         |
| High level flue outlet kit (Ø60mm)                   | 208178         |
| Flue extension 1m for high level flue outlet (Ø60mm) | 203228         |
| High level flue bend 90° (Ø60mm)                     | 203229         |
| High level flue bend 45° (Ø60mm)                     | 203230         |

Diagram representative only

**NOTE:** Please refer to the installation and service manual for assistance in calculating flue lengths. Adequate support must be provided for the flue in accordance with the installation instructions. If additional elbows to those supplied in the High Level Flue Outlet kit are used, deduct the following resistances (metres) from the maximum boiler flue length.

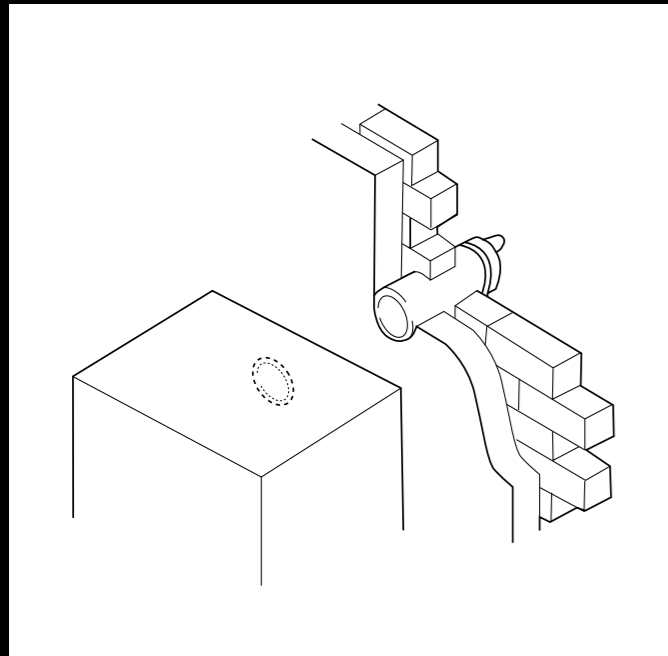


| RESISTANCE       | METRES |
|------------------|--------|
| 90° elbow        | 1.4    |
| 45° elbow (pair) | 1.25   |

**NOTE:** If additional elbows to those supplied in the High Level Flue Outlet kit are used, deduct the following resistances (metres) from the maximum boiler flue length.

# Rear flue & high rise flue options

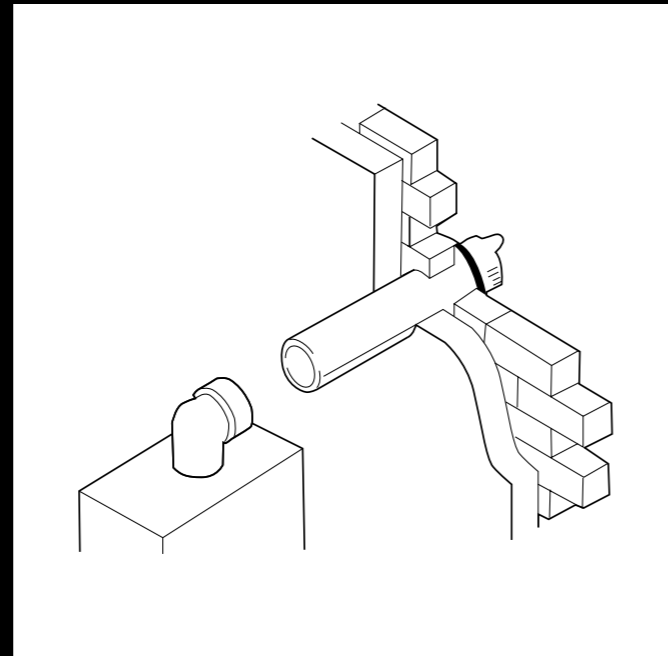
The Logic MAX Heat IE comes with an optional rear flue outlet which means it can be installed directly behind the boiler rather than on top of it.



## REAR OUTLET FLUE TERMINAL (55/80) - 80MM

| FLUE   | PART NO. |
|--|----------|
| Rear outlet flue outlet kit (55/80)  | 205990   |
| <b>NOTE:</b> Length is wall thickness. Minimum wall thickness permissible is 115mm. No extensions are permitted. |          |
| FLUEING ACCESSORIES  | PART NO. |
| Flue finishing kit (55/80)   | 206151   |
| LOGIC HEAT ONLY  | PART NO. |
| High level outlet kit (55/80)  | 205989   |

**NOTE:** Please refer to the installation and service manual for assistance in calculating flue lengths. For 1m extension and elbows use standard parts 203228/9 & 30.



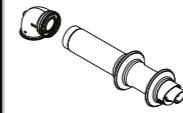
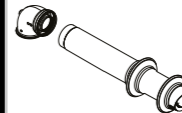
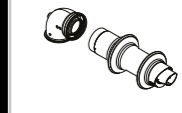
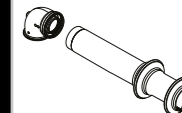
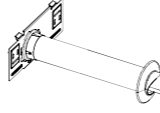
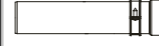
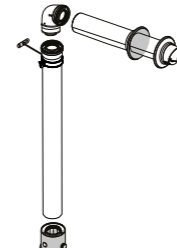
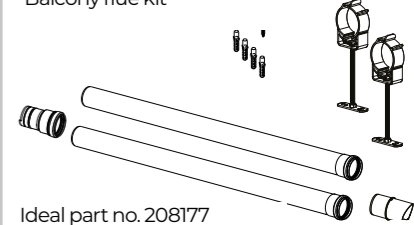
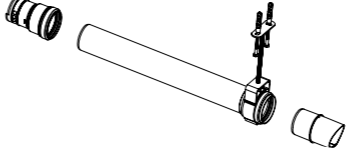


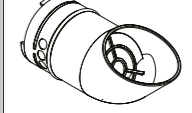
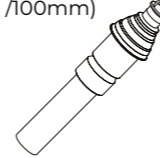
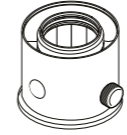

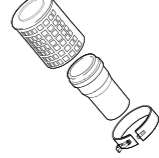
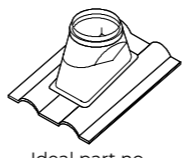
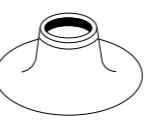
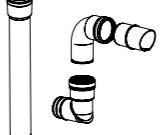


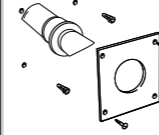
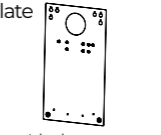

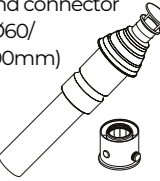
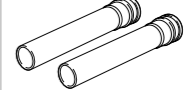
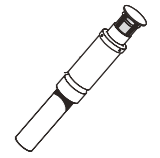

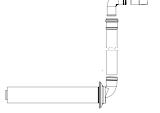
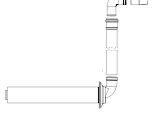
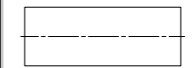
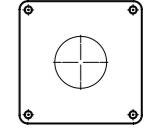
## HIGH RISE FLUE KIT

| FLUE                                  | PART NO. |
|---------------------------------------|----------|
| Horizontal high rise flue (0.6m long) | 223629   |
| Horizontal high rise flue (1m long)   | 224701   |
| Flue extension (1m) high rise         | 224702   |
| Balcony kit high rise                 | 224703   |

**NOTE:** Similar to 208171 but with an aluminium flue duct and unpainted air duct to comply with the revised Building Regulations for buildings over 18m high.

# High rise flue options

When Building Regulations direct that combustible materials must not be used in the external walls of high-rise residential buildings, our high rise flues with an inner aluminium flue duct should be used.

|   |   |   |  |
|---|---|---|--|
| Horizontal flue non-telescopic 0.6m (181-556mm)<br><br>Ideal part no. 208171   | Horizontal flue non-telescopic 0.8m (601-816mm)<br><br>Ideal part no. 217442                           | Horizontal flue telescopic 0.5m (286-484mm)<br><br>Ideal part no. 208169   | Horizontal flue telescopic 0.7m (526-741mm)<br><br>Ideal part no. 208174            |
| Horizontal flue rear outlet Heat (Ø55/80mm)<br><br>Ideal part no. 205990       | Flue extension with bracket 0.5m, 1m or 2m<br><br>Ideal part no. 0.5m 211037<br>1m 203129<br>2m 211038 | Raised horizontal flue kit<br><br><b>NOTE:</b> A 1 metre vertical pipe is supplied as standard. Both horizontal and vertical lengths can be extended.<br>Ideal part no. 208290 | Balcony flue kit<br><br>Ideal part no. 208177                                       |
| Soffit flue kit<br><br>Ideal part no. 211302                                  | Flue bend 90°<br><br>Ideal part no. 203130   | Flue bend 45° pair<br><br>Ideal part no. 203131  | Flue deflector (Ø 60mm)<br><br>Ideal part no. 208176                                |
| Vertical flue terminal (Ø60/100mm)<br><br>Ideal part no. 203132              | Vertical flue connector (Ø60/100mm)<br><br>Ideal part no. 208175                                     | Vertical flue terminal extension (Ø60/100mm)<br><br>Ideal part no. 210803  | Vertical flue loft air inlet (Ø80mm outlet)<br><br>Ideal part no. 203136          |
| Weather collar pitched roof<br><br>Ideal part no. 152258                     | Weather collar flat roof<br><br>Ideal part no. 152259  | High level flue outlet kit (Ø60mm)<br><br>Ideal part no. 208178  | Flue extension 1m for high level flue outlet (Ø60mm)<br><br>Ideal part no. 203228 |
| Adjustable flue bracket<br><br>Ideal part no. Ø100 205247<br>Ø80 205028      | Flue finishing kit (Ø100/80mm)<br><br>Ideal part no. Ø100 155988<br>Ø80 206151                       | RS terminal replacement wall plate<br><br>Ideal part no. System 211328<br>Combi 206164   | Flue securing screws<br><br>Ideal part no. 205024                                 |
| Vertical flue terminal and connector (Ø60/100mm)<br><br>Ideal part no. 211039  | Flue extension 1m pair (Ø80mm)<br><br>Ideal part no. 203142  | Vertical flue terminal (Ø80mm connection)<br><br>Ideal part no. 203134   | High level flue bend 90° (Ø60mm)<br><br>Ideal part no. 90° 203229<br>45° 203230   |
| High level flue outlet kit for Heat rear outlet<br><br>Ideal part no. 205989 | High level flue outlet kit (Ø60mm)<br><br>Ideal part no. 205989                                      | Timber frame wall tube 0.4m<br><br>Ideal part no. 229130   | Timber frame wall plates<br><br>Ideal part no. 229128                             |

# the ideal control.



## NO HARDWIRING REQUIRED!

The Halo Combi range can be installed in 4 minutes from start to finish, simply Plug, Pair and Play - no hardwiring is required.



## WIRING BY COLOUR

The Smart Wiring Centre connections are colour coded to each wire and fully labelled with a full colour wiring fold out included in the kit to make wiring easy.

Plus there's up to 50% less wiring required to install as all S & Y Plan system wiring is built into the Smart Wiring Centre.

up to 50% less wiring



# HALO the ideal control.



The Ideal Halo Wi-Fi is an internet connected wireless programmable room thermostat with app-controlled heating. This includes Geolocation, which gives your customer full control of their heating through their phone or device.

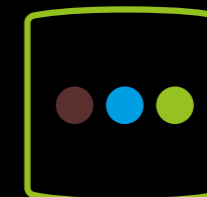


The Ideal Halo 2-Zone extension kit is an add-on kit for Halo Wi-Fi offering full modulation on both heating zones.



## NO HARDWIRING REQUIRED!

The Halo Combi range can be installed in 4 minutes from start to finish, simply Plug, Pair and Play - no hardwiring is required.



## WIRING BY COLOUR



# Halo Heat and System Wi-Fi.








Halo Heat & System Wi-Fi is engineered specifically to work with Ideal boilers and allows flexible control of heating and hot water with the intuitive Halo app, which can be connected through smart home devices like Amazon Alexa and Google Home.

It's simple to install - with up to 50% less wires needed and clear colour coded and fully labelled connections on the Smart Wiring Centre - as well as being straightforward for everyone to use, no matter where they are.



**2**  
YEAR WARRANTY\*

## FEATURES AND BENEFITS

-  Designed specifically to work with Ideal boilers
-  Wi-Fi
-  Large, clear, colour screen
-  Simple dial and button interface
-  Easy app set up walk through to get started
-  Geolocation for lifestyle based heating
-  Smart home compatible - control your heating with Amazon Alexa or Google Home\*

|                                 |                              |
|---------------------------------|------------------------------|
| Ideal product code              | 222143                       |
| Power source                    | 4 x AA alkaline batteries    |
| Wireless communication protocol | Zigbee 3.0                   |
| Boiler communication protocol   | OpenTherm                    |
| Install location                | Wall mounted or desk mounted |
| Desk stand supplied             | YES                          |
| Smart Wiring Centre supplied    | YES                          |
| ERP Class                       | Class VI (4%)                |
| WEEE                            | YES                          |
| Certification                   | UKCA CE                      |

Halo

# Halo Heat and System 2-Zone extension kit.

Halo Heat & System 2-Zone Extension is a wireless programmable room thermostat designed specifically to work Halo Heat and System Wi-Fi controlling a 2nd space heating zone.

Halo offers fast, flexible and intelligent wireless technology and is packed with an abundance of features that enable simple and easy heating and hot water control.



-  2 year warranty\*
-  Designed to work specifically with Ideal boilers
-  2nd space heating zone control
-  Wireless connection from smart wiring centre to the boiler
-  Fully modulating through enhanced load compensation on both zones
-  Clearly marked, colour coded connections to make system wiring simple

|  |  |
|--|--|
| Ideal product code                           | 222145   |
| Power source                                 | 4 x AA alkaline batteries                          |
| Wireless communication protocol              | Zigbee 3.0   |
| Install location                             | Wall or desk mounted                               |
| Desk stand supplied                          | Yes  |
| <b>ERP Class</b><br>Halo Heat & System Wi-Fi | When fitted with;<br>Class V (3%)<br>Class VI (4%) |
| WEEE   | YES  |
| Certification                                | UKCA CE  |

idealenergy.ie

\*2 year parts and labour warranty available when registered within 30 days of installation. Terms and conditions apply.

# Halo Combi Wi-Fi.

The Ideal Halo Combi Wi-Fi is a wireless single zone Combi programmable room thermostat that combines ease of use with stylish design.

With internet connectivity via the home Wi-Fi network Halo Combi Wi-Fi provides app controlled heating with no need for a separate gateway module.

## EASY TO INSTALL

- 4 minute install - no hard-wiring required, simply plug, pair and play
- Straightforward pairing process
- Zigbee wireless control with robust signal
- Wall bracket, desk stand and trim plate in the box for flexible locating
- Automatic device setup walk through sequence on power up
- Easy Wi-Fi setup using the Halo app
- Direct connection from Smart Interface to home Wi-Fi

## EASY TO USE

- Large, clear, colour screen
- Easy to find and understand fault messaging
- Simple set up service reminders including installer contact details
- Easy problem solving with diagnostics LEDs and Override button on boiler mounted Smart Interface
- Designed specifically to work with Ideal boilers
- Simple to set heating schedules with up to 6 events per day
- Easy and flexible app controlled heating
- Intuitive turn and tap interface

## EASY TO LIVE WITH

- 2 years warranty\*
- By combining the Logic MAX Combi with a Halo Combi Wi-Fi thermostat, the ErP rating increases from A to an A+
- Easily adjustable schedule to fit any lifestyle
- Compact and contemporary design
- Designed to be discrete, place anywhere to blend into the home
- Make life simple with holiday mode and child lock
- Maintain boiler health with on screen service and fault notifications
- Tested by householders to ensure reliability
- Smart home compatibility, easy heating control with Amazon Alexa or Google Home
- Geolocation for lifestyle based heating, only heat the home when it's occupied
- Frost protection for winter boiler and system protection

HALO PRE-WIRED SMART INTERFACE MODULE



# Halo Combi 2-Zone extension kit.

The Ideal Halo Combi 2-Zone extension kit is an add-on kit for Halo Combi Wi-Fi.

Turn the Halo Wi-Fi into a 2-Zone system. The Smart Wiring Centre replaces any existing wiring centre to minimise wall space and connects to the boiler wirelessly by a robust Zigbee signal.

With clearly marked connections for zone valves, the Smart Wiring Centre helps simplify system wiring. Whilst the wireless communication keeps fully modulating control over both zones.

## EASY TO INSTALL

- Clearly marked connections make wiring simple
- Zigbee wireless control with robust signal to the boiler
- Replaces existing wiring centre, no additional wall space required
- Automatic device setup walk through sequence on power up

## EASY TO USE

- 2 years warranty\*
- Simple to set up service reminders including installer contact details
- Easy problem solving with diagnostics LEDs and Override buttons
- Designed specifically to work with Ideal boilers

## EASY TO LIVE WITH

- Compact and contemporary design
- Fully modulating control on both zones

## HOW THE KIT WORKS





# Keston

BY IDEAL HEATING

## TWIN FLUE TECHNOLOGY

Designed to go the distance

Every model in the Keston range offers a **market leading solution** for awkward and problematic installations, thanks to the twin flue capability of up to 27m\*\*



Compatible with Halo control



Twin flue up to 27m\*\*



+35319617700  
sales@idealenergy.ie

keston.ie |



# ideal

HEATING

## Cylinder Collection

32\*Keston boilers have warranties of up to 7 years when installed with a Keston System Filter. For full details of the warranties available and the terms and conditions please visit our website. \*\*For the maximum total equivalent flue length please refer to the installation manual.

# STAINLESS BIOFOAM

**10**  
YEAR

10 Year Warranty



Duplex Stainless Steel



Supplied fitted with  
incoloy immersion



Complete with  
compression fittings  
with Irish  
nut and olives



5/7 loop  
corrugated coil for  
maximum heat transfer



Tapping positions to  
BS1566 specifications



Shower take-off/  
secondary return  
on all models



100% recyclable

## Vented Stainless BioFoam

The Best Just Got Better

### Features & Specifications

Stainless Steel vented cylinder, the true replacement for your copper cylinder.

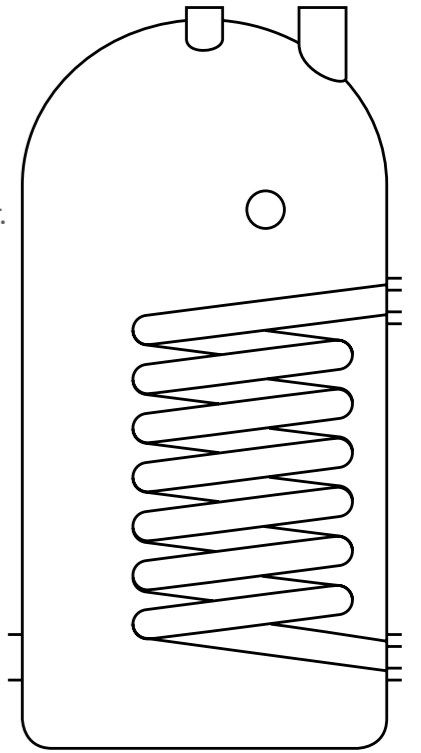
Manufactured to comply with the HWA standard for stainless steel vented cylinders, these cylinders also have strong environmental credentials including: industry leading 35mm HCFC free insulation, exceptional low standing heat loss, insulation incorporating polyol which is derived from rapeseed oil - a fully renewable resource and a duplex stainless steel internal cylinder, the product is fully recyclable at the end of its working life.

With the Open Vented Stainless Steel Cylinder,  
You will also benefit from:

- Easy access to immersion heater boss
- 400mm dia models have 3/4" compressions
- 450mm x 900mm model has 3/4" compressions
- Remaining 450mm dia models have 3/4" compressions on coil and 1" on cold and hot water draw off

#### PLEASE NOTE:

- The twin coil range of cylinders have been specifically designed for gravity circulation and are also suitable for use on pumped systems.
- The Gravity coil performance depends upon the correct installation of the pipework connecting the heat source to the cylinder.



#### INDIRECT SPECIFICATION

| Code            | ERP Rating | Cylinder Height mm | Cylinder Dia mm | Capacity litres | Standing Heat Loss | List Price |
|-----------------|------------|--------------------|-----------------|-----------------|--------------------|------------|
| BIOSEIE30X18IND | C          | 750                | 450             | 96              | 58                 | €565.77    |
| BIOSEIE36X16IND | C          | 900                | 400             | 96              | 60                 | €593.02    |
| BIOSEIE36X18IND | C          | 900                | 450             | 117             | 69                 | €617.25    |
| BIOSEIE42X16IND | C          | 1050               | 400             | 114             | 67                 | €626.30    |
| BIOSEIE42X18IND | C          | 1050               | 450             | 140             | 75                 | €721.63    |
| BIOSEIE48X16IND | C          | 1200               | 400             | 132             | 73                 | €857.80    |
| BIOSEIE48X18IND | C          | 1200               | 450             | 162             | 72                 | €857.80    |
| BIOSEIE60X18IND | C          | 1500               | 450             | 185             | 82                 | €962.18    |

#### TWIN COIL RANGE

| Code                | ERP Rating | Cylinder Height mm | Cylinder Dia mm | Capacity litres | Standing Heat Loss | List Price |
|---------------------|------------|--------------------|-----------------|-----------------|--------------------|------------|
| BIOSEIE30X18INDGRAV | C          | 750                | 450             | 96              | 58                 | €796.66    |
| BIOSEIE36X18INDGRAV | C          | 900                | 450             | 117             | 69                 | €818.30    |
| BIOSEIE42X18INDGRAV | C          | 1050               | 450             | 140             | 75                 | €900.74    |
| BIOSEIE48X18INDGRAV | C          | 1200               | 450             | 162             | 72                 | €929.82    |
| BIOSEIE60X18INDGRAV | C          | 1500               | 450             | 185             | 82                 | €1,039.52  |

# Vented Stainless Cylinder

**10**  
YEAR WARRANTY\*



Duplex stainless steel



5/7 loop corrugated coil for maximum heat transfer



Tapping positions to BS1566 specifications



Supplied fitted with incoloy immersion



Complete with compression fittings with Irish nut and olives



Shower take-off/secondary return on all models

## STANDARD RANGE

| Code         | ERP Rating | Cylinder Height mm | Cylinder Dia mm | Capacity litres | Standing Heat Loss | List Price |
|--------------|------------|--------------------|-----------------|-----------------|--------------------|------------|
| SEIE30X18IND | C          | 750                | 450             | 96              | 50                 | €491.37    |
| SEIE36X16IND | C          | 900                | 400             | 96              | 52                 | €518.63    |
| SEIE36X18IND | C          | 900                | 450             | 117             | 56                 | €542.86    |
| SEIE42X16IND | C          | 1050               | 400             | 114             | 55                 | €551.91    |
| SEIE42X18IND | C          | 1050               | 450             | 140             | 71                 | €647.24    |
| SEIE48X16IND | C          | 1200               | 400             | 132             | 58                 | €783.41    |
| SEIE48X18IND | C          | 1200               | 450             | 162             | 73                 | €783.41    |
| SEIE60X18IND | C          | 1500               | 450             | 185             | 83                 | €887.78    |

## TWIN COIL RANGE

| Code             | ERP Rating | Cylinder Height mm | Cylinder Dia mm | Capacity litres | Standing Heat Loss | List Price |
|------------------|------------|--------------------|-----------------|-----------------|--------------------|------------|
| SEIE30X18INDGRAV | C          | 750                | 450             | 96              | 50                 | €722.27    |
| SEIE36X18INDGRAV | C          | 900                | 450             | 117             | 56                 | €743.91    |
| SEIE42X18INDGRAV | C          | 1050               | 450             | 140             | 71                 | €826.35    |
| SEIE48X18INDGRAV | C          | 1200               | 450             | 162             | 73                 | €855.43    |
| SEIE60X18INDGRAV | C          | 1500               | 450             | 185             | 83                 | €965.13    |

Please note The twin coil range of cylinders have been specifically designed for gravity circulation and are also suitable for use on pumped systems. The gravity coil performance depends upon the correct installation of the pipe work connecting the heat source to the cylinder.

# Vented Biofoam Copper Cylinder

**10**  
YEAR WARRANTY\*



Duplex Stainless Steel



Easy access to immersion heater boss



Complete with compression fittings with Irish nut and olives



Insulation incorporates Polyol which is derived from rapeseed oil



Tapping positions to BS1566 specifications



Shower take-off/secondary return on all models



100% recyclable

## STANDARD RANGE

| Code        | ERP Rating | Cylinder Height mm | Cylinder Dia mm | Capacity litres | KW rating per coil | Standing Heat Loss (kw/h per 24 hrs) | List Price |
|-------------|------------|--------------------|-----------------|-----------------|--------------------|--------------------------------------|------------|
| COP30X18IND | C          | 750                | 450             | 98              | 11                 | 1.2                                  | €674.41    |
| COP36X16IND | C          | 900                | 400             | 96              | 11                 | 1.37                                 | €701.39    |
| COP36X18IND | C          | 900                | 450             | 120             | 14                 | 1.37                                 | €728.37    |
| COP42X16IND | C          | 1050               | 400             | 115             | 14                 | 1.56                                 | €755.34    |
| COP42X18IND | C          | 1050               | 450             | 144             | 16                 | 1.54                                 | €782.34    |
| COP48X16IND | C          | 1200               | 400             | 134             | 16                 | 1.74                                 | €998.15    |
| COP48X18IND | C          | 1200               | 450             | 166             | 17                 | 1.71                                 | €1,025.10  |
| COP60X18IND | C          | 1500               | 450             | 218             | 22                 | 2.09                                 | €1,510.70  |

## TWIN COIL RANGE

| Code            | ERP Rating | Cylinder Height mm | Cylinder Dia mm | Capacity litres | KW rating per coil | Standing Heat Loss (kw/h per 24 hrs) | List Price |
|-----------------|------------|--------------------|-----------------|-----------------|--------------------|--------------------------------------|------------|
| COP30X18INDGRAV | C          | 750                | 450             | 98              | 10                 | 1.2                                  | €836.28    |
| COP36X18INDGRAV | C          | 900                | 450             | 120             | 14                 | 1.37                                 | €890.23    |
| COP42X18INDGRAV | C          | 1050               | 450             | 144             | 16                 | 1.54                                 | €998.13    |
| COP48X18INDGRAV | C          | 1200               | 450             | 166             | 18                 | 1.71                                 | €1,133.03  |
| COP60X18INDGRAV | C          | 1500               | 450             | 218             | 22                 | 2.09                                 | €1,591.63  |

Please note The twin coil range of cylinders have been specifically designed for gravity circulation and are also suitable for use on pumped systems. The gravity coil performance depends upon the correct installation of the pipe work connecting the heat source to the cylinder.

# Thermstore IE

90 120 150 180 210 250 300 400

**25**  
YEAR WARRANTY\*



Duplex stainless steel construction



Rubber connection labels with retention foam



Wider base for additional stability



New flat top & base with 20% more HCFC insulation



Aligned tapping positions for ease of installation



Lightweight for easy installation



Colour matched components

Unvented Kits supplied as standard with Thermstore Range

## IDEAL THERMSTORE INDIRECT UNVENTED CYLINDER IE

| Size | Reference   | Cylinder Height mm | Cylinder Dia mm | List Price |
|------|-------------|--------------------|-----------------|------------|
| 90L  | IDIPLUIN090 | 764                | 550             | €864.75    |
| 120L | IDIPLUIN120 | 931                | 550             | €1,166.03  |
| 150L | IDIPLUIN150 | 1118               | 550             | €1,193.42  |
| 180L | IDIPLUIN180 | 1306               | 550             | €1,216.92  |
| 210L | IDIPLUIN210 | 1494               | 550             | €1,291.28  |
| 250L | IDIPLUIN250 | 1744               | 550             | €1,623.86  |
| 300L | IDIPLUIN300 | 1990               | 550             | €1,788.24  |

## IDEAL THERMSTORE TWIN COIL UNVENTED CYLINDER IE

| Size | Reference    | Cylinder Height mm | Cylinder Dia mm | List Price |
|------|--------------|--------------------|-----------------|------------|
| 180L | IDIPLUIN180S | 1306               | 550             | €1,698.20  |
| 210L | IDIPLUIN210S | 1494               | 550             | €1,729.51  |
| 250L | IDIPLUIN250S | 1744               | 550             | €1,815.57  |
| 300L | IDIPLUIN300S | 1990               | 550             | €1,874.30  |
| 400L | IDIPLUIN400S | 2030               | 630             | €3,009.05  |

## IDEAL THERMSTORE TRIPLE COIL OPEN VENTED SOLAR CYLINDER IE

| Size | Reference   | Cylinder Height mm | Cylinder Dia mm | List Price |
|------|-------------|--------------------|-----------------|------------|
| 300L | IDIIND300TC | 1990               | 550             | €2,277.36  |
| 400L | IDIIND400TC | 2030               | 630             | €3,631.19  |



**Keston**  
BY IDEAL HEATING

# TWIN FLUE TECHNOLOGY

Combi, System and Heat models available

The Keston twin flue system can be extended up to 27 metres\* from the boiler, meaning an **easy and hassle-free installation.**

With Keston, **your boiler can be situated in any room, any place, anywhere** - no compromise.

+35319617700  
sales@idealenergy.ie

keston.ie |



\*For the maximum total equivalent flue length please refer to the installation manual.

# STAINLESSLITE PLUS DIRECT

90 | 120 | 150 | 180 | 210 | 250 | 300 LITRES

## KEY FEATURES

- Designed for use with electricity either from mains supply or photovoltaic panels
- Suitable for use with economy electricity tariffs to maximise efficiency
- 3kW incoloy 825 immersion heater for use as a primary heat source
- 3kW incoloy 825 immersion heater for emergency back-up
- 90° elbow and drain valve supplied as standard
- Standard and slimline models available



SCAN ME

**25** YEAR WARRANTY

LIGHTEST CYLINDER ON THE MARKET

IMMERSION HEATER

WASHING MACHINE FRAME COMPATIBLE  
(SEE PAGE 37 FOR MORE DETAILS)



# TECHNICAL SPECIFICATION

## STAINLESSLITE PLUS DIRECT

| Description          |        | D90      | D120      | D150      | D180      | D210      | D250      | D300      |
|----------------------|--------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Product stock code   |        | PLUDR090 | PLUDR120  | PLUDR150  | PLUDR180  | PLUDR210  | PLUDR250  | PLUDR300  |
| ErP rating           |        | C        | C         | C         | C         | C         | C         | C         |
| Heat loss            | watts  | 32       | 39        | 47        | 55        | 62        | 74        | 86        |
| Heat loss (kW/24hr)  | watts  | 0.77     | 0.94      | 1.13      | 1.32      | 1.49      | 1.78      | 2.06      |
| Load profile         |        | L        | L         | L         | L         | L         | L         | L         |
| Capacity             | litres | 91       | 119       | 148       | 178       | 208       | 248       | 287       |
| Height               | mm     | 764      | 931       | 1118      | 1306      | 1494      | 1744      | 1990      |
| Diameter             | mm     | 550      | 550       | 550       | 550       | 550       | 550       | 550       |
| Weight (empty)       | kg     | 18       | 21        | 25        | 28        | 32        | 36        | 41        |
| Weight (full)        | kg     | 109      | 140       | 173       | 206       | 240       | 284       | 328       |
| Heat up time         | min    | 90       | 119       | 150       | 179       | 209       | 249       | 299       |
| Number of immersions |        | 1        | 2         | 2         | 2         | 2         | 2         | 2         |
| Secondary return     |        | No       | No        | No        | No        | Yes       | Yes       | Yes       |
| <b>List Price</b>    |        | €774.04  | €1,040.33 | €1,082.92 | €1,132.69 | €1,234.50 | €1,651.77 | €1,850.68 |

### NOTES:

1. Heat up time from 15°C to 60°C (applies to primary heat source only)
2. For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)
3. The schematics shown above are representational, please refer to the installation manual for full technical requirements
4. Please note that the top immersion on the PLUDR180 is 327mm high

# STAINLESSLITE PLUS SOLAR INDIRECT

180 | 210 | 250 | 300 | 400 LITRES

## KEY FEATURES

- Specifically designed for use with solar thermal panels in addition to gas or oil boilers
- High efficiency corrugated coil maximises heat transfer from the solar input
- 3kW incoloy immersion heater for emergency back-up
- 90° elbow and drain valve supplied as standard
- Standard and slimline models available

 GAS OR OIL BOILERS

 SOLAR THERMAL

 IMMERSION HEATER

 WASHING MACHINE FRAME COMPATIBLE  
(SEE PAGE 37 FOR MORE DETAILS)



# TECHNICAL SPECIFICATION

## STAINLESSLITE PLUS SOLAR DIRECT

| Description            |        | SOL180d   | SOL210d   | SOL250d   | SOL300d   | SOL400d   |
|------------------------|--------|-----------|-----------|-----------|-----------|-----------|
| Product stock code     |        | PLUDR180S | PLUDR210S | PLUDR250S | PLUDR300S | PLUDR400S |
| ErP rating             |        | B         | B         | C         | C         | C         |
| Heat loss              | watts  | 55        | 62        | 74        | 86        | 87        |
| Heat loss (kW/24hr)    | watts  | 1.32      | 1.49      | 1.78      | 2.06      | 2.09      |
| Capacity               | litres | 178       | 208       | 248       | 287       | 393       |
| Height                 | mm     | 1306      | 1494      | 1744      | 1990      | 2030      |
| Diameter               | mm     | 550       | 550       | 550       | 550       | 630       |
| Weight (empty)         | kg     | 30        | 34        | 39        | 43        | 49        |
| Weight (full)          | kg     | 208       | 242       | 287       | 330       | 449       |
| Heat up time           | min    | n/a       | n/a       | n/a       | n/a       | n/a       |
| Dedicated solar volume | litres | 60        | 70        | 84        | 100       | 150       |
| Number of immersions   |        | 2         | 2         | 2         | 2         | 2         |
| Secondary return       |        | No        | Yes       | Yes       | Yes       | Yes       |
| List Price             |        | €1,698.20 | €1,729.51 | €1,815.57 | €1,874.30 | €3,009.05 |

## STAINLESSLITE PLUS SOLAR SLIMLINE DIRECT

| Description            |        | SOL 180d-SL | SOL 210d-SL |
|------------------------|--------|-------------|-------------|
| Product stock code     |        | PLUDR180SSL | PLUDR210SSL |
| ErP rating             |        | C           | C           |
| Heat loss              | watts  | 67          | 74          |
| Heat loss (kW/24hr)    | watts  | 1.61        | 1.77        |
| Capacity               | litres | 183         | 202         |
| Height                 | mm     | 1791        | 1963        |
| Diameter               | mm     | 475         | 475         |
| Weight (empty)         | kg     | 34          | 36          |
| Weight (full)          | kg     | 215         | 233         |
| Heat up time           | min    | n/a         | n/a         |
| Dedicated solar volume | litres | 60          | 70          |
| Number of immersions   |        | 2           | 2           |
| Secondary return       |        | No          | Yes         |
| List Price             |        | €2,200.80   | €2,300.80   |

### NOTES:

1. The dedicated solar volume is the amount of water that cannot be heated by any other heat source in line with ADL1 Compliance
2. Heat up time from 15°C to 60°C (applies to primary heat source only)
3. For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)
4. The schematics shown above are representational, please refer to the installation manual for full technical requirements



## CALYPSO

HEAT PUMP HOT WATER HEATER

Utilising heat pump technology to efficiently heat hot water, the Calypso features an adjustable air inlet and outlets to provide easy installation and is Cozytouch compatible allowing users to control the Calypso from their smart device with ease.

| WARRANTY                 |
|--------------------------|
| 5 years tank             |
| 2 years other components |



Cozytouch  
Compatible

| PRODUCT DETAILS                                       |                                 |   |                  |
|---|---------------------------------|---|------------------|
| BRAND   | ATLANTIC                        |   |                  |
| PRODUCT REFERENCE                                     | CALYPSO FS 172L                 | CALYPSO FS 210L   |                  |
| MODEL CODE/NUMBER                                     | AH876509                        | AH886123  |                  |
| PRODUCT NAME  | ATL CV4 STAINLESS STEEL FS 172L | ATL CV4 STAINLESS STEEL FS 210L   |                  |
| PCDB INDEX NUMBER                                     | 107017                          | 107018  |                  |
| HEAT PUMP PERFORMANCE                                 |                                 |   |                  |
| Air operating range (ducted configuration)            | °C                              | -5°C to 43°C  |                  |
| Air operating range (Ambient air configuration)       | °C                              | 5°C to 43°C   |                  |
| Achievable hot water temp via heat pump               | °C                              | 62°C  |                  |
| Max. Electrical power input (heat pump AND immersion) | W                               | 650 + 1600 = 2250   |                  |
| Max. Thermal power output from heat pump ONLY at 45°C | W                               | 1345  |                  |
| Sound power level                                     | dB(A)                           | 49  |                  |
| Refrigerant   | -/kg                            | R134a / 0,85kg  | R134a / 0,86kg   |
| Coefficient of performance (M profile, 7°C)           | -                               | 2.78  | 2.81             |
| Energy efficiency (η <sub>wh</sub> )                  | %                               | 117   | 118.4            |
| Heating time from cold (10°C to 54°C)                 | hr                              | 5h 48   | 7h 18            |
| Standing power input                                  | W                               | 19  | 19               |
| Maximum usable hot water volume (V40, EN16147(2017))  | litres                          | 228   | 285.2            |
| Pressure loss during test                             | Pa                              | 60.0  | 54.3             |
| Airflow during test                                   | m <sup>3</sup> /hr              | 387.0   | 402.6            |
| Coefficient of performance (L profile, 7°C)           | -                               | 3.15  | 3.02             |
| Energy efficiency (η <sub>wh</sub> )                  | %                               | 129.4   | 124.35           |
| Heating time from cold (10°C to 54°C)                 | hr                              | 5h 44   | 7h 27            |
| Standing power input                                  | W                               | 17  | 20               |
| Maximum usable hot water volume (V40, EN16147(2017))  | litres                          | 227.0   | 285.1            |
| Pressure loss during test                             | Pa                              | 58  | 57               |
| Airflow during test                                   | m <sup>3</sup> /hr              | 386   | 391.6            |
| DUCTING   |                                 |   |                  |
| Air flow (ducted configuration)                       | m <sup>3</sup> /hr              | 290m <sup>3</sup> /h (ambient air configuration) to 400 m <sup>3</sup> /h (ducted configuration @50Pa)  |                  |
| Air ducting method                                    |                                 | Separate inlet & outlet to exterior<br>Or without ducting system (ambient air)  |                  |
| Air duct diameter                                     | mm                              | 160   |                  |
| Max. Ducting pressure drop                            |                                 | 50 Pa @ 400 m <sup>3</sup> /h >> COP=3,15 with 172L HPWH [L profile @7°C/86%RH]<br>150 Pa @ 240 m <sup>3</sup> /h >> COP=2,81 with 172L HPWH [L profile @7°C/86%RH] |                  |
| DIMENSIONS AND CONNECTIONS                            |                                 |   |                  |
| Dimensions  | mm                              | 1700 x 605 x 695  | 1940 x 605 x 695 |
| Weight with packaging                                 | kg                              | 96,6kg  | 97kg             |
| Weight without packaging                              | kg                              | 83,6kg  | 84kg             |
| Water connections                                     | mm                              | 22mm  |                  |
| Condensate tube                                       | mm                              | 16 int / 20 ext   |                  |
| Average condensation production at 7°C - 86% RH       | L/h                             | 0.34  |                  |
| Electrical supply (nominal voltage)                   | V                               | 230V 50Hz +15%/-10%   |                  |
| IP rating   |                                 | IPX1B   |                  |
| RCBO/MCB Type C                                       | Amp                             | 16  |                  |
| HOT WATER CYLINDER                                    |                                 |   |                  |
| Body Material   |                                 | Duplex Stainless steel  |                  |
| Insulation thickness (cylinder body to case)          | mm                              | 63  |                  |
| Maximum water supply pressure                         | bar                             | 12  |                  |
| Maximum inlet pressure (pressure regulator)           | bar                             | 3.0   |                  |
| Maximum design pressure (expansion relief pressure)   | bar                             | 4.5   |                  |
| Temperature and pressure relief valve (EN1490)        | °C                              | 90-95   |                  |
|   | bar                             | 6   |                  |
| Integrated electric immersion                         | W                               | 1600  |                  |
| Max temperature with immersion                        | °C                              | 62°C  |                  |
| Over heat thermostat operating temperature            | °C                              | 80 +/-5   |                  |
| Cylinder Capacity                                     | litres                          | 172   | 210              |
| Heat loss   | W                               | 51  | 58               |
|   | kWhr/24hr                       | 1.23  | 1.39             |
| ErP Rating  |                                 | A+  | A+               |
| Expansion vessel size                                 | litres                          | 22  | 22               |
| Expansion vessel pre-charge                           | bar                             | 3   |                  |

List Price

€2,665.25

€2,799.85



## EXPLORER

HEAT PUMP HOT WATER HEATER



**TOTAL ELECTRIC SOLUTIONS.**

idealenergy.ie

The perfect solution for:

**New Build Homes**  
**Apartments**  
**Small Businesses**  
**Private Landlords**



A+ ErP Rating



Low Noise Emission: 53db



Diamond Quality Enamel Glass Tank



Integrated Air Source Heat Pump (Air to Water)



Works with Cozytouch



Compact Design

| SPECIFICATIONS                           |       | CAPACITY                |                  |                  |                  |
|--|-------|-------------------------|------------------|------------------|------------------|
|  |       | 200L                    | 200L W/COIL      | 270L             | 270L W/COIL      |
| Dimensions                               | mm    | 1617 x 620 x 665        |                  | 1957 x 620 x 665 |                  |
| Net Weight                               | kg    | 80                      | 97               | 92               | 111              |
| Rated Water Pressure                     | bars  | 8                       |                  |                  |                  |
| Electrical Connection                    | V/Hz  | 230V Single Phase/50 Hz |                  |                  |                  |
| Maximal Power Consumed by the Device     | W     | 2500                    |                  |                  |                  |
| Maximal Power Consumed by the Heat Pump  | W     | 700                     |                  |                  |                  |
| Power Consumed by Electrical Back-Up     | W     | 1800                    |                  |                  |                  |
| Water Temperature Range by Heat Pump     | °C    | 50 to 62°C              |                  |                  |                  |
| Heat Pump Air Temperature Range of Use   | °C    | -5 to +43°C             |                  |                  |                  |
| Vacuum Air Flow (Ambient Installation)   | m3/h  | 390                     |                  |                  |                  |
| Acoustic Power                           | dB(A) | 53                      |                  |                  |                  |
| Refrigerant Fluid R513A Capacity         | kg    | 0,8                     |                  | 0,86             |                  |
| Coil Surface                             | m2    | 1,2                     |                  |                  |                  |
| Heating Up Time (at Tair 7°C)            |       | 7h52                    | 7h53             | 10h49            | 10h52            |
| V40 (at Tair 7°C)                        |       | 265                     | 261              | 356              | 358              |
| COP at Tair 7°C(1) (Ducted Installation) |       | 2,8                     | 2,8              | 3,2              | 3                |
| COP at Tair 15°C(1) (Ambient)            |       | 3,1                     | 3,1              | 3,5              | 3,5              |
| COP at Tair 20°C(1) (Ambient)            |       | 3,2                     | 3,3              | 3,8              | 3,8              |
| Recirculation Connection                 |       | No                      | Yes              | No               | Yes              |
| Profile                                  |       | L                       |                  | XL               |                  |
| ErP Class                                |       | A+                      |                  |                  |                  |
| <b>List Price</b>                        |       | <b>€2,014.75</b>        | <b>€2,280.07</b> | <b>€2,208.38</b> | <b>€2,479.23</b> |

### IED Explorer Ducting

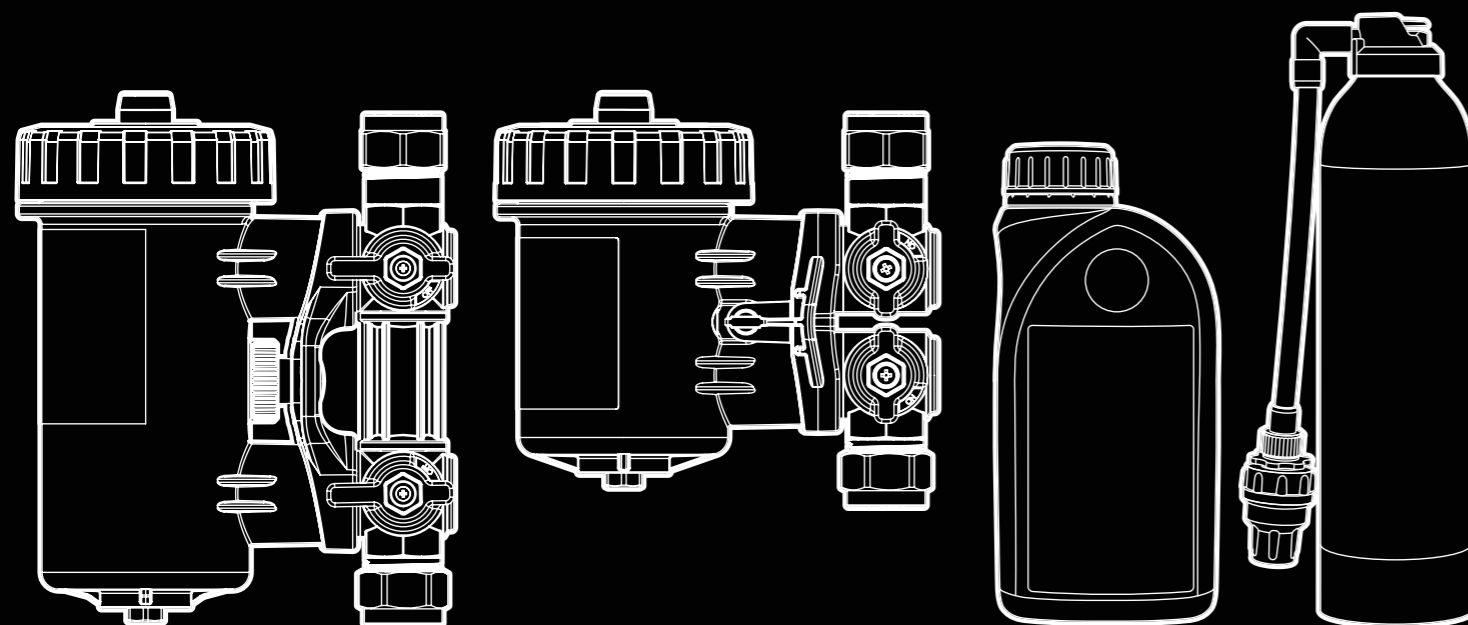
| Description                         | Reference       | List Price |
|-------------------------------------|-----------------|------------|
| 160mm - Thermal Pipework x 2mtr     | SST-160-2M      | €134.02    |
| 160mm - Thermal Pipework x 1mtr     | SST-160-1M      | €67.01     |
| 160mm - Thermal 90° Bend            | SST-160-90B     | €82.85     |
| 160mm - Thermal 45° Bend            | SST-160-45B     | €82.85     |
| 160mm - Thermal T Piece             | SST-160-TP      | €82.85     |
| 160mm - Thermal D - F Connector     | SST-160-DFCON   | €24.27     |
| 160mm - Thermal D - D Connector     | SST-160-DDCON   | €24.27     |
| 160mm - Thermal 160 - 150mm Adaptor | SST-160-ADAPTOR | €24.27     |





Made for  
Ireland

## Domestic Product Range



### Domestic Product Range

| Description                         | Reference       | List Price |
|-------------------------------------|-----------------|------------|
| Micro 2 3/4" Filter Irish           | FL1-03001274-IE | €198.61    |
| Pro 2 3/4" Filter Irish             | CP1-03-00653-01 | €255.35    |
| Pro 2XP 28mm 1" Filter              | FL1-03-01357    | €439.77    |
| Pro 3 Sense 3/4" Filter Irish       | FL1-03-03434    | €489.87    |
| Atom 22mm Filter                    | FL1-03-03779    | €297.91    |
| Twintech 22mm Filter                | MCTT001         | €354.66    |
| Vibraclean Radiator Agitator        | VC002           | €198.61    |
| Dual XP 1,1/2" Filter               | FL1-03-02028    | €1,382.98  |
| Magnacleanse Kit                    | MACK01          | €1,276.76  |
| MC1 Protector 500ml                 | MC1P            | €28.26     |
| MC3 Cleaner 500ml                   | MC3C            | €28.26     |
| MC1+ Protector 500ml                | CH1-03-01669    | €42.39     |
| MC3+ Cleaner 500ml                  | CH1-03-01670    | €42.39     |
| MC2 Silencer 500ml                  | CP1-03-00994    | €28.26     |
| MC4 Leak Sealer 500ml               | CP1-03-00998    | €28.26     |
| MC5 Rapidflush System Cleaner 500ml | CP1-03-00999    | €28.26     |
| MC10+ Biocide 500ml                 | CH1-03-03268-WE | €28.26     |
| Rapide MC1+ Protector 300ml         | CH1-03-01640    | €56.53     |
| Rapide MC3+ Cleaner 300ml           | CH1-03-01645    | €56.53     |
| Rapide MC2+ Silencer 300ml          | CH1-03-02038    | €56.53     |
| Rapide MC4+ Leak Sealer 300ml       | CH1-03-02039    | €56.53     |
| Rapide MC10+ Biocide 300ml          | CH-03-02040     | €70.66     |
| MC40 2.3kg                          | CH1-03-03420    | €196.94    |
| Magnascale 2 Compression 15mm       | SR1-03-05230    | €99.30     |
| Electroscale 2 Scale Reducer 15mm   | SR1-03-01976    | €113.50    |
| Electroscale Scale Reducer 22mm     | SR1-03-05214    | €156.05    |
| Procheck Starter Pack (5 Tests)     | CP1-03-05132-IE | €134.76    |
| Procheck Refills (25 Tests)         | PK2-03-05133    | €297.91    |



# KAMCO POWER FLUSHING PUMPS

UP TO 25



BUILT IN BRITAIN

UP TO 40



BUILT IN BRITAIN

UP TO 60



BUILT IN BRITAIN

# KAMCO MAGNETIC POWER FLUSHING FILTERS

BUILT IN BRITAIN



## Clearflow® CF40

DOMESTIC POWER FLUSHING PUMP

39 LITRE 0.8 kW 90L /min UP TO 25

|             |                   |
|-------------|-------------------|
| IP RATING   | 55                |
| MAX HEAD    | 20m               |
| NET WEIGHT  | 17kg              |
| MAX TEMP    | 75°C              |
| (W x D x H) | 390 x 440 x 690mm |

### FEATURES

- 39 LITRE TRANSLUCENT HDPE TANK
- INSTANT FLOW DIRECTION REVERSER
- ACID RESISTANT CONSTRUCTION
- 75mm WHEELS
- INTEGRAL HANDLE FOR EASE OF MOVEMENT

## Clearflow® CF90

DOMESTIC POWER FLUSHING PUMP

57 LITRE 1.5 kW 150L /min UP TO 40

|             |                   |
|-------------|-------------------|
| IP RATING   | 55                |
| MAX HEAD    | 24m               |
| NET WEIGHT  | 22.5kg            |
| MAX TEMP    | 75°C              |
| (W x D x H) | 390 x 590 x 890mm |

### FEATURES

- 57 LITRE TRANSLUCENT HDPE TANK
- INSTANT FLOW DIRECTION REVERSER
- ACID RESISTANT CONSTRUCTION
- 200mm WHEELS
- INTEGRAL HANDLE FOR EASE OF MOVEMENT

## Clearflow® CF210

COMMERCIAL POWER FLUSHING PUMP

125 LITRE 1.5 kW 170L /min UP TO 60

|             |                   |
|-------------|-------------------|
| IP RATING   | 55                |
| MAX HEAD    | 28m               |
| NET WEIGHT  | 28kg              |
| MAX TEMP    | 75°C              |
| (W x D x H) | 530 x 680 x 890mm |

### FEATURES

- 125 LITRE TRANSLUCENT HDPE TANK
- INSTANT FLOW DIRECTION REVERSER
- ACID RESISTANT CONSTRUCTION
- 200mm WHEELS
- INTEGRAL HANDLE FOR EASE OF MOVEMENT

## CombiMAG SOLO

MAGNETIC POWER FLUSHING FILTER

11,000 GAUSS BYPASS

- 11,000 gauss of magnetic power Increases power flushing efficiency Prevents re-circulation of debris
- Visible indication of system contamination and the need to clean magnet
- Reduces power flush time
- Bypass enables filter to be cleaned without interrupting power flush process
- Protective case, and coupling hose

## CombiMAG TWIN POWER

DUAL MAGNETIC POWER FLUSHING FILTER

22,000 GAUSS 2x BYPASS

- Two separate filters on one stand Twice the magnetite capture capacity Clear cylinders to show captured debris
- Individual by-passes to enable cleaning without stopping power flush process
- 2x 11,000 gauss of magnetic power Filter flow and return at the same time Greatly reduces power flush time Protective case, and 2x coupling hoses

## CombiMAG HEAT

HEATED MAGNETIC POWER FLUSHING FILTER

11,000 GAUSS BYPASS 3kW HEATER

- The benefits of the CombiMag Standard PLUS a 3kW power flush heater
- Adds heat to a system even when the boiler is off-line or isolated.
- Speeds up chemical reactions
- Temperatures up to 50°C (depending on system size)
- Protective case, and coupling hose

2 YEAR PARTS & LABOUR WARRANTY\*

FREE POWER FLUSHING TRAINING SESSION\*\*

TECHNICAL SUPPORT & SPARES BACK-UP

Clearflow® Pumps come complete with all you need to start power flushing...

- STARTER PACK OF FLUSHING CHEMICALS
- BSP ADAPTERS (10 PIECE SET)
- HOSES, COUPLINGS & FITTINGS
- WATERPROOF HOSE CADDY



The CombiMAG Range Reduce power flush time whilst boosting efficiency.

Developed to rapidly remove circulating black iron oxide contamination from the flushing water, using a rare earth magnet to attract magnetic iron oxides from the water flow

FOR A FASTER & MORE EFFECTIVE POWER FLUSH

COMPLETE WITH HOSE & PROTECTIVE CASE

TECHNICAL SUPPORT & SPARES BACK-UP



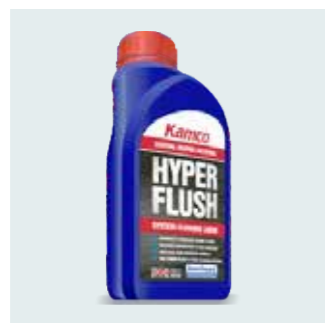
# POWER FLUSH LIKE YOU MEAN IT!



**POWER FLUSH FX2**  
HIGH PERFORMANCE FLUSHING LIQUID

2.5 litres 5 litres 10 litres

- Cleans systems in one visit
- No need to pre-treat
- Rapidly dissolves sludge and corrosion deposits
- For use with Kamco clearflow pump



**HYPER FLUSH**  
NON ACIDIC FLUSHING LIQUID

500ml 10 litres

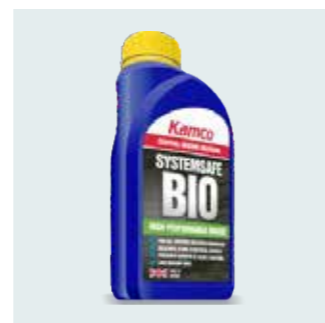
- Non acidic sludge and corrosion debris mobiliser and dispersant
- Suitable for all metals including aluminium
- For use with Kamco power flushing pump or with system circulator pump



**SYSTEMSAFE DM**  
SCALE AND CORROSION INHIBITOR

500ml 10 litres

- Long term corrosion and scale prevention for heating systems
- Suitable for all metals including aluminium



**SYSTEMSAFE BIO**  
HIGH PERFORMANCE BIOCIDES

500ml 10 litres

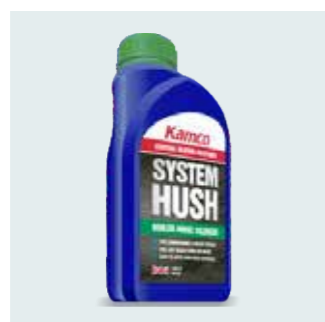
- Destroys slime and bacterial growths
- Prevents re-growth of algae and bacteria
- For all systems including under-floor
- Low dosage rate



**SYSTEM PRE-CLEAN**  
PRE-COMMISSION CLEANER

500ml 10 litres

- Removes problem contaminants from new and modified systems



**SYSTEM HUSH**  
BOILER NOISE SILENCER

500ml 10 litres

- Removes light scale from boiler
- Heat exchangers during normal system operation to cure boiler noises
- May be left in system without draining



**SYSTEM SEAL**  
LEAK SEALER

500ml 10 litres

- Seals weeps and leaks in difficult areas
- Will not block pumps or valves
- For conventional and sealed systems
- Suitable for use with aluminium



**NEUTRALISING CRYSTALS**  
NEUTRALISES FX2 AFTER FLUSHING

2.5kg 15kg 1 shot tube

- Added to Clearflow tank and circulated to ensure neutralisation of chemical residues

**CP2 CIRCULATOR PUMP HEAD ADAPTER**

- Quick and easy way to connect power flushing pump into heating system.
- Fits most combination boiler pumps
- Fastens on to the circulator pump body
- Avoids undoing corroded pump nuts
- Flush the primary water side of plate heat exchangers without removing from the boiler



**SYSTEMSURE IK6**  
INJECTOR

- Injects chemicals directly into heating system (4 litre)
- 3x adapters for common bleed valve sizes and filling loop



**PLATE HEAT EXCHANGER ADAPTERS**

- Adapter set for descaling and de-sludging heat exchangers
- Enables blocked heat exchangers to be flushed and re-used



**TURBIDITY TUBE**

- Checks clarity of water after a power flush.
- Simple and straightforward to use.



**PIPE STOPPER PLUGS**

- Enables expansion and cold feed pipes to be quickly 'capped off' before power flush
- 2 each of 15, 22 & 28mm plugs



**RADIATOR VIBRATOR (SDS)**

- For loosening debris in radiators
- Fits all standard SDS drills
- Replaceable head



**WATER ANALYSIS KIT**

- For testing the water quality of central heating systems
- Use to check correct inhibitor level



**ELECTRONIC TDS METER**

- Demonstrates system cleanliness and check chemical strength
- Measures total dissolved solids in water



**ELECTRONIC pH METER**

- For checking heating system water and descaling chemical pH
- Waterproof, dustproof, and rugged water

| Description                              | Reference | Barcode        | List Price |
|--|-----------|----------------|------------|
| Kamco Clearflow CF40 240V                | CDP040F   | 506013459 1015 | € 1,717.98 |
| Kamco Clearflow CF40 110V                | CDP041F   | 506013459 1022 | € 1,774.86 |
| Kamco Clearflow CF9 240V                 | CDP090F   | 506013459 1039 | € 2,114.27 |
| Kamco ClearflowCF90 110V                 | CDP091F   | 506013459 1046 | € 2,171.17 |
| Kamco Clearflow CF210 240V               | CDP210F   | 506013459 1053 | € 2,675.56 |
| Kamco Clearflow CF210 110V               | CDP211F   | 506013459 1060 | € 2,732.45 |
|  |           |                |            |
| Kamco Powerflush FX2 5 LTR               | BFX202    | 506013459 0384 | € 38.82    |
| Kamco Powerflush FX2 10 LTR              | BFX206    |                | € 66.86    |
| Kamco Powerflush FX2 +4 Crystals 2.5 LTR | BFX205    | 506013459 0407 | € 96.06    |
| Kamco Powerflush FX2 +4 Crystals 5LTR    | BFX204    | 506013459 0360 | € 157.75   |
| Kamco Powerflush FX2 + Crystals & DM     | BFX210    | 506013459 0414 | € 301.59   |
|  |           |                |            |
| Kamco Neutralising Crystals 20x1 shot    | ANC0012   | 506013459 0155 | € 53.02    |
| Kamco Neutralising Crystals 2.5KG        | ANC004    | 506013459 0186 | € 66.71    |
| Kamco Neutralising Crystals 15KG         | ANC005    | 506013459 0193 | € 51.85    |
| Kamco PH Paper 5m                        | KTK001    | 506013459 5044 | € 13.30    |
|  |           |                |            |
| Kamco Hyperflush 500ML                   | BHF004    | 506013459 1824 | € 17.39    |
| Kamco Hyperflush 2.5 LTR                 | BHF007    |                | € 55.01    |
| Kamco Hyperflush 10 LTR                  | BHF005    | 506013459 1831 | € 211.95   |
|  |           |                |            |
| Kamco CombiMag Solo Filter               | MIO39     | 506013459 5853 | € 653.63   |
| Kamco CombiMag Twin Filter               | MIO74     |                | € 1,020.56 |
| KamcoCombiMag Heat Filter                | MIO70     | 506013459 5884 | € 1,132.31 |
|  |           |                |            |
| Kamco Systemsafe DM 500ML                | BDM007    | 506013459 1794 | € 15.63    |
| Kamco Systemsafe DM 2.5 LTR              | BDM010    |                | € 60.94    |
| Kamco Systemsafe DM10 ltr                | BDM008    | 506013459 1800 | € 240.52   |
| Kamco Systemsafe DM Test Kit             | KTK020    | 506013459 5198 | € 65.65    |
|  |           |                |            |
| Kamco Systemsafe IC 5 LTR                | BIC002    | 506013459 0506 | € 47.88    |
| Kamco Systemsafe IC 10 LTR               | BIC003    |                | € 90.27    |
| Kamco Systemsafe IC Test Kit             | KTK015    | 506013459 5143 | € 74.27    |
|  |           |                |            |
| Kamco SystemHush 500ML                   | BSH007    | 506013459 1886 | € 14.61    |
| Kamco SystemHush 10 LTR                  | BSH008    | 506013459 1893 | € 206.35   |
|  |           |                |            |
| Kamco System PreClean 500ML              | BPC007    | 506013459 1855 | € 14.61    |
| Kamco System PreClean 10LTR              | BPC008    | 506013459 1862 | € 206.35   |
|  |           |                |            |
| Kamco SystemSeal 500ML                   | BSS006    |                | € 16.21    |
|  |           |                |            |
| Kamco SystemSafe-Bio 500ML               | BSB002    | 506013459 1923 | € 19.78    |
| Kamco SystemSafe-Bio 10LTR               | BSB003    |                | € 304.33   |

| Description                               | Reference | Barcode        | List Price |
|---|-----------|----------------|------------|
| Kamco CF2 Pump Adapter                    | MI012A    | 506013459 5594 | € 149.54   |
| Kamco Radhammer                           | MI040     | 506013459 5860 | € 66.72    |
| Kamco SystemSure Injector                 | MI001     | 506013459 5440 | € 157.13   |
| Kamco SystemSure Injector - F Loop        | MI011     | 506013459 5570 | € 14.88    |
| Kamco Heat Exchanger Adapter Set          | MI010     | 506013459 5556 | € 66.34    |
| Kamco Water Analysis Test Kit             | KTK032    | 506013459 5297 | € 209.76   |
| Kamco Electronic TDS Test Kit             | KTK016    | 506013459 5150 | € 114.31   |
| Kamco Electronic PH Test Kit              | KTK017    | 506013459 5167 | € 121.32   |
| Kamco Turbidity Tube                      | KTK034    | 506013459 5310 | € 51.18    |
| Kamco Refracometer                        | KTK035    |                | € 93.52    |
| Kamco Certificates 30/pad                 | H030F40   |                | € 34.37    |
| Kamco Pipestoppers                        | MI030     | 506013459 5754 | € 34.74    |
| Kamco Clearflow CF20 Compact 240v         | CDP020F   |                | € 1,517.42 |
| Kamco Systemsafe Zero 5ltr                | BZE001    | 5060134591718  | € 72.42    |
| Kamco Systemsafe HTF Concentrated 10ltr   | BHT001    | 5060134591725  | € 114.81   |
| Kamco Systemsafe HTF Concentrated 20ltr   | BHT002    | 5060134591732  | € 229.62   |
| Kamco Sytstemseal Jointing Compound 425g  | TBC       | 5060134591749  | € 14.88    |
| Kamco Systemseal External Leak Sealer 50g | TBC       | 5060134591756  | € 9.48     |
| Kamco CP3 Circulator Adapter Set          | MI012C    | 5060134596072  | € 149.54   |



# The full basket of products



# Complete installer choice

Keep them in your van



| Description   | Reference | Carton Qty | List Price |
|---|-----------|------------|------------|
| <b>Central Heating Inhibitors</b>                       |           |            |            |
| Fernox Protector F1 265ml (Liquid)                      | 62454     | 10         | €24.15     |
| Fernox Protector F1 500ml (Liquid)                      | 62094     | 10         | €31.50     |
| Fernox Protector F1 Express 400ml (Aerosol)             | 62418     | 10         | €42.00     |
| Fernox Protector + Filter fluid 500ml (Fluid)           | 62235     | 10         | €54.60     |
| Fernox Protector + Filter fluid 500ml Express (Aerosol) | 62310     | 10         | €60.00     |
| Fernox Alpha 11 Anti-Freeze Protector 5ltr (Liquid)     | 61033     | 2          | POA        |
| <b>Central Heating Cleaners</b>                         |           |            |            |
| Fernox Cleaner F3 265ml (Liquid)                        | 62455     | 10         | €24.15     |
| Fernox Cleaner F3 500ml (Liquid)                        | 62095     | 10         | €31.50     |
| Fernox Cleaner F3 Express 400ml (Aerosol)               | 62420     | 10         | €42.00     |
| Fernox Powercleaner F8 500ml (Liquid)                   | 62487     | 10         | €44.10     |
| Fernox DS40 Descaler & System Cleaner 2kg (Powder)      | 62475     | 6          | €115.26    |
| Fernox System Neutraliser 2ltr (Liquid)                 | 62482     | 6          | €69.30     |
| <b>Central Heating Repair Products</b>                  |           |            |            |
| Fernox Boiler Noise Silencer F2 Express 400ml (Aerosol) | 62421     | 10         | €58.80     |
| <b>Central Heating Leak Sealers</b>                     |           |            |            |
| Fernox Leak Sealer F4 500ml (Liquid)                    | 62097     | 10         | €37.80     |
| Fernox Leak Sealer F4 Express 400ml (Aerosol)           | 62422     | 10         | €58.80     |
| <b>Solder &amp; Flux</b>                                |           |            |            |
| Fernox Lead Free Solder                                 | 59955     |            | POA        |
| Fernox Powerflux 100g                                   | 62515     | 20         | €18.90     |
| Fernox Powerflux 350g                                   | 62516     | 10         | €35.70     |
| <b>Plumbing Products &amp; Jointing Compounds</b>       |           |            |            |
| Fernox LS-X External Leak Sealer 50ml                   | 61016     | 12         | €14.70     |
| Fernox Hawk White 400g                                  | 61024     | 24         | €14.04     |
| Fernox Water Hawk 400g                                  | 61023     | 18         | €19.89     |
| <b>Heat Transfer Fluids &amp; Treatments</b>            |           |            |            |
| Fernox Solar Cleaner 500ml                              | 59430     | 10         | €61.95     |
| Fernox Heat Pump HP-5C-10ltr                            | 62543     | 1          | POA        |
| Fernox Heat Pump HP-5C-20ltr                            | 62544     | 1          | POA        |
| Fernox Heat Transfer Fluid HP-EG 20ltr                  | 62595     | 1          | €289.28    |



| Description   | Reference | Carton Qty | List Price |
|---|-----------|------------|------------|
| <b>Limescale Remedies</b>   |           |            |            |
| Fernox DS-3 Limescale Remover 2kg                                     | 61027     | 4          | €66.15     |
| Fernox DS-3 Limescale Remover 30kg                                    | 24066     | 1          | €665.70    |
| Fernox Electrolytic Scale Reducer 15mm Compression                    | 62551     | 10         | €103.95    |
| Fernox Electrolytic Scale Reducer 22mm Compression                    | 62304     | 10         | €126.00    |
| Fernox Magnetic Scale Reducer 15mm Compression                        | 58264     | 10         | €86.10     |
| Fernox Magnetic Scale Reducer 22mm Compression                        | 62302     | 10         | €98.70     |
| <b>Filters</b>  |           |            |            |
| Fernox Under Boiler Filter 3/4"                                       | 62631     | 10         | POA        |
| Fernox Sigma HP Filter (Heat Pump) 22mm - 3/4"                        | 62614     | 4          | €211.20    |
| Fernox Sigma HP Filter (Heat Pump) 28mm - 1"                          | 62615     | 4          | €239.80    |
| Fernox TF1 Sigma Filter 22mm with Valves                              | 62415     | 4          | €239.85    |
| Fernox TF1 Sigma Filter 22mm Slip Socket                              | 62414     | 4          | €244.08    |
| Fernox TF1 Sigma Filter 28mm with Valves                              | 62417     | 4          | €304.56    |
| Fernox TF1 Sigma Filter 3/4" BSP                                      | 62590     | 4          | €244.08    |
| Fernox TF1 Sigma Filter 1" BSP  | 62591     | 4          | €334.80    |
| Fernox TF1 Omega Filter 3/4" BSP                                      | 62320     | 4          | €233.10    |
| Fernox TF1 Omega Filter 1" BSP  | 62322     | 4          | €323.40    |
| Fernox TF1 Omega Filter 22mm Slip Socket                              | 62248     | 4          | €233.10    |
| Fernox TF1 Omega Filter 22mm with Valves                              | 62249     | 4          | €279.30    |
| Fernox TF1 Omega Filter 28mm Slip Socket                              | 62251     | 4          | €375.90    |
| Fernox TF1 Omega Filter 28mm with Valves                              | 62252     | 4          | €455.70    |
| Fernox TF1 Omega + Filter 1,1/4" BSP                                  | 62375     | 1          | €1,144.50  |
| Fernox TF1 Omega + Filter 1,1/2" BSP                                  | 62376     | 1          | €1,239.00  |
| Fernox TF1 Compact Filter 22mm  | 62131     | 4          | €274.32    |
| Fernox Tf1 Total Filter 3/4"  | 62296     | 4          | €380.16    |
| Fernox TF1 Total Filter 1"  | 62295     | 4          | €427.68    |
| Fernox TF1 Delta Filter 2" Euro with Valves                           | 62226     | 1          | €7,245.00  |
| <b>Filter Packs</b>   |           |            |            |
| Fernox TF1 Sigma Filter Installer Pack 22mm Slip Socket & 265ml       | 62509     | 4          | €330.48    |
| Fernox TF1 Omega Filter Installer Pack 22mm Valved & 500ml            | 62368     | 4          | €443.10    |
| Fernox TF1 Omega Filter Installer Pack 22mm Slip Socket & 265ml       | 62506     | 4          | €382.20    |
| Fernox TF1 Total Filter 3/4" Pack with Protector + Filter Fluid 500ml | 59916     | 4          | €393.12    |
| Fernox TF1 Total Filter 1" Pack with Protector + Filter Fluid 500ml   | 59918     | 4          | €423.36    |
| Fernox TF1 Compact Filter Pack with Protector + Filter Fluid 500ml    | 62197     | 4          | €365.04    |

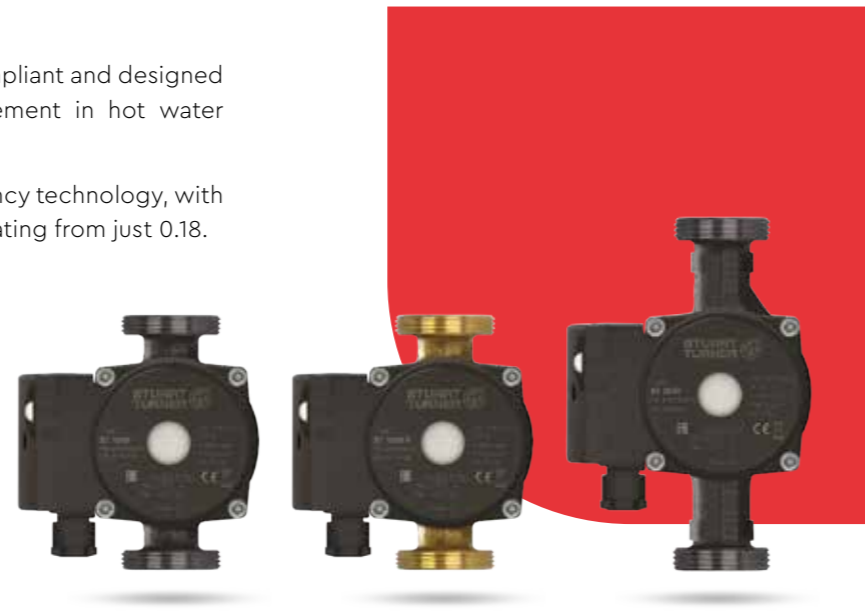


| Description   | Reference | Carton Qty | List Price |
|---|-----------|------------|------------|
| <b>Filter Spares</b>  |           |            |            |
| Fernox TF1 Omega Filter Thermal Cover                           | 62350     | 1          | €46.20     |
| Fernox Omega + Thermal Cover NEW                                | 62587     | 1          | €60.90     |
| Fernox TF1 Total Filter Thermal Cover                           | 62349     | 1          | €46.20     |
| Fernox TF1 Flushing Adapter                                     | 59980     | 1          | €191.10    |
| Fernox TF1 Omega Sigma Flushing Adapter                         | 62289     | 1          | €69.30     |
| Fernox TF1 Sigma Flushing Adapter                               | 62453     | 1          | €50.40     |
| TF1 Filter Seal and 'O' Ring Kit                                | 59288     | 20         | €23.10     |
| TF1 Omega Filter Seal and 'O' Ring Kit (Valves)                 | 62334     | 20         | €23.10     |
| TF1 Omega Filter Seal and 'O' Ring Kit (Slip Socket)            | 62338     | 20         | €23.10     |
| <b>HVAC Commercial</b>  |           |            |            |
| Fernox SD-10 Dryside Cleaner 7kg                                | 61029     | 2          | POA        |
| <b>Test Kits</b>  |           |            |            |
| Fernox Express Inhibitor Test (50 Strips)                       | 62514     | 12         | POA        |
| Fernox Water Quality Test                                       | 62399     | 20         | POA        |
| Fernox System Health Check                                      | 61161     | 20         | POA        |
| Fernox System Water Test  | 62254     | 30         | €29.40     |
| Fernox Total Dissolved Solids Meter (TDS)                       | 37641     | 1          | €212.10    |
| Fernox Refractometer  | 55586     | 1          | €401.10    |
| <b>Powerflush Machine, Accessories &amp; Spares</b>             |           |            |            |
| Fernox Power Flushing Machine MK111 35ltr                       | 56779     | 1          | €2,730.00  |
| Fernox Powerflushing Filter                                     | 62084     | 1          | €1,680.00  |
| Fernox Powerflow Pump Head Adapter                              | 55568     | 1          | €393.75    |
| Standard 1.5" BSP pump elbows x 2                               | 58790     | 1          | €191.10    |
| Flow/Return Valve Left Hand                                     | 58802     | 1          | €218.40    |
| Flow/Return Valve (& Dump on Powerflow MK1) RH                  | 58803     | 1          | €218.40    |
| 3/4" x 20mm female nut liner and seal - parallel (for f/r hose) | 58810     | 1          | €35.70     |
| Camlock female coupler 3/4" Hose (each)                         | 58811     | 1          | €105.00    |
| Replacement UK/Euro 230v/50hz 1100w motor for powerflow mk2/3   | 60286     | 1          | €1,503.60  |
| Pump Impeller for 50hz operation 150mm dia                      | 60293     | 1          | €338.10    |
| Powerflow MK3 replacement top plate wand multi-port valve       | 60295     | 1          | €527.10    |
| Rubber gasket for Powerflow MK3 multi-port valve                | 60296     | 1          | €58.80     |

**STUART ST circulators**

STUART ST circulators are Erp and EuP compliant and designed for use in new systems or as a replacement in hot water circulation and heating systems.

The range features the latest in high efficiency technology, with proportional pressure control and an EEI rating from just 0.18.



- ▶ HIGH EFFICIENCY EEI RATING FROM 0.18
- ▶ FLOW RATES UP TO 4.5 M<sup>3</sup>/HOUR
- ▶ UP TO 8 M HEAD
- ▶ AUTOMATIC VENTING CYCLE
- ▶ ROBUST CAST IRON AND BRONZE OPTIONS
- ▶ UP TO 5 YEAR WARRANTY

| Part No | Model                 | Port to Port | Connections | List Price |
|---------|-----------------------|--------------|-------------|------------|
| 47073   | STUART ST 15/60 -130  | 130 mm       | Rp 1½       | €180.00    |
| 47074   | STUART ST 15/60 B-130 | 130 mm       | Rp 1½       | €286.00    |
| 47075   | STUART ST 25/80 -180  | 180 mm       | Rp 1½       | €338.00    |

**I-Flow Chemicals**

| Image | Description                              | Reference | List Price |
|-------|--|-----------|------------|
|       | i-Flow Inhibitor 500ml Bottle            | IFC500I   | €14.00     |
|       | i-Flow Cleaner 500ml Bottle              | IFC500C   | €14.00     |
|       | i-Flow Heavy Duty Cleaner 500ml Bottle   | IFC500HDC | €14.00     |
|       | i-Flow Leak Sealer 500ml Bottle          | IFC500LS  | €14.00     |
|       | i-Flow Heat Transfer Fluid x 20 ltr Drum | IFHTF20L  | €180.00    |

| Grade D1 - Image | Description   | Reference       | List Price |
|------------------|---|-----------------|------------|
|                  | 230V Mains Powered Smoke Alarm with 10-Year Rechargeable Lithium Backup Battery | DHI-HY-SA5MA    | €68.00     |
|                  | 230V Mains Powered Heat Alarm with 10-Year Rechargeable Lithium Backup Battery  | DHI-HY-HT5MA    | €68.00     |
|                  | RF Module for SA5MA/HT5MA   | DHI-HY-MRF50-R8 | €38.00     |

| Grade F1 - Image | Description                                 | Reference       | List Price |
|------------------|---|-----------------|------------|
|                  | 10-Year Wireless Interconnected Smoke Alarm | DHI-HY-SA30A-R8 | €46.00     |
|                  | 10-Year Wireless Interconnected Heat Alarm  | DHI-HY-HT10A-R8 | €46.00     |
|                  | 10-Year Wireless Interconnected CO Alarm    | DHI-HY-GC20D-R8 | €66.00     |

| Grade F2 - Image | Description                                   | Reference    | List Price |
|------------------|---|--------------|------------|
|                  | 10-Year Standalone Smoke Alarm Sealed Battery | DHI-HY-SA30A | €36.00     |
|                  | 10-Year Standalone Heat Alarm Sealed Battery  | DHI-HY-HT10A | €36.00     |
|                  | 10-Year Standalone CO Alarm Sealed Battery    | DHI-HY-GC20D | €36.00     |
|                  | Wi-Fi Smoke Alarm                             | DHI-HY-SA2FA | €60.00     |

| Accessories - Image | Description  | Reference    | List Price |
|---------------------|--|--------------|------------|
|                     | Carbon Dioxide Air Quality Monitor (CO2 Meter Standalone/Portable) | DHI-HY-M1    | €190.00    |
|                     | Wi-Fi and Ethernet Gateway   | DHI-HY-GW01A | €180.00    |

# Create the perfect smart home



Hive Active Heating is the UK's most popular smart thermostat.

It lets you control your existing heating system from your smartphone, and if you've got a hot water tank, you can control that too.

- Set daily heating and hot water schedules
- Save up to €120 a year on your bill by never having to heat an empty home

Both wireless and wired versions of Hive Active Heating are available.



## Hive Radiator Valve

Our new thermostatic radiator valve lets you manage your heating room by room so you never have to heat an empty room again. To install, simply unscrew your existing TRV head and replace it with a Hive Radiator Valve.



## Hive Hub and Hive Hub 360

Most of our products need a Hive Hub, and you'll get one when you buy Hive Active Heating. Your hub is the heart of your smart home, connecting all your Hive products so you can manage them remotely through the Hive app.



## Get on with your day

Hive Active Heating includes features like geolocation: if you've left home and forgotten to turn off your heating, we'll send you a notification. Then you can turn your heating off with the Hive app.



You can also choose a Hive Hub 360, which is even more advanced. As well as connecting your Hive devices, it also detects and records important sounds (like smoke alarms or glass breaking) then sends you a notification. And it connects wirelessly through your Wi-Fi so you can put it anywhere in your home.

| Description   | Reference  | List Price |
|---|------------|------------|
| Hive Thermostat for Heating & Hot Water (System Boilers) with Hive Hub    | 851816HEAT | €210.00    |
| Hive Thermostat for Heating & Hot Water (System Boilers) without Hive Hub | 851812HEAT | €125.00    |
| Hive Thermostat for Heating (Combi Boilers) with Hive Hub                 | 851814HEAT | €210.00    |
| Hive Thermostat for Heating (Combi Boilers & Multizone) without Hive Hub  | 851811HEAT | €125.00    |
| Hive Thermostat Stand - Black   | UK-        | €42.00     |
| Hive Ice Signal Booster   | UK-        | €42.00     |
| Hive Radiator Control, Head & Body  | UK7004561  | €66.00     |
| Hive Radiator Control, Head Only  | UK7004240  | €76.00     |
|   |            |            |
| Hive Hub  | IR7001041  | €108.00    |
| Motion Sensor   | IR7001034  | €38.00     |
| Active Plug   | IR7001058  | €49.00     |
| W/D Sensor  | IR7001027  | €38.00     |
| Hive Hub 360 (White)  | IR7001805  | €175.00    |
| Hive Hub 360 (Black)  | IR7001799  | €175.00    |
|   |            |            |
| Hive White Dimmable Light (Bayonet)                                       | IR7001065  | €28.00     |
| Hive White Dimmable Light (Screw)   | IR7001072  | €28.00     |
| Hive Tuneable Light - Bayonet   | IR7001089  | €38.00     |
| Hive Tuneable Light - Screw   | IR7001096  | €38.00     |
| Hive Colour Light - Bayonet   | IR7001102  | €54.00     |
| Hive Colour Light - Screw   | IR7001119  | €54.00     |
|   |            |            |
| Hive View Outdoor   | UK7003793  | €230.00    |
| Hive View White   | IR7001744  | €230.00    |
| Hive View Black   | IR7001737  | €230.00    |
| Hive Active Light™ Dimmable GU10  | IR7003014  | €22.00     |
| Hive Active Light™ Dimmable GU10 x 6 Pack                                 | IR7003021  | €108.00    |
| Hive Active Light™ Cool to Warm White GU10                                | IR7003045  | €28.00     |
| Hive Active Light™ Cool to Warm White GU10 x 6 Pack                       | IR7003052  | €140.00    |
| Hive Active Light™ Cool to Warm White GU10 x 6 Pack with Hub              | IR7003373  | €195.00    |
| Hive Active Light™ Cool to Warm White GU10 x 10 Pack                      | IR7003069  | €195.00    |
| Hive Active Light™ Dimmable E14   | UK7003199  | €28.00     |
| Hive Active Light™ Dimmable E14 Twin Pack                                 | UK7003205  | €61.00     |
| Hive Active Light™ Cool to Warm White E14                                 | UK7003212  | €328.00    |
| Hive Active Light™ Cool to Warm White E14 Twin Pack                       | UK7003229  | €80.00     |





# Introducing our electric range. Preparing for a **carbon-free future.**

Speak to a member of our **expert team** today to see how we can help with your next project



## E-Tech W

Wall hung electric sealed system boiler

9-36kW

## E-Tech S

Floor standing electric combination boiler

14-28kW

## E-Tech P

Floor standing heat only electric boiler

57-259kW

## E-Tech M

Mobile electric boiler

3-36kW

FIND OUT MORE

+35319617700

[sales@idealenergy.ie](mailto:sales@idealenergy.ie)

[acv.com/gb](http://acv.com/gb) |



## Heat Pump Collection

# Logic Air monobloc heat pump.

4kW - 10kW



DELIVERING SUSTAINABLE HEATING



## Introduction, background and collaboration.

Whilst we may be best known for gas boilers in IE, behind the scenes there is a wealth of expertise reaching across the globe supporting the **low carbon transformation** that is coming to the IE heating industry.

Our parent company, Groupe Atlantic, a family-owned global HVAC manufacturer, has a long history in heat pumps and currently holds a market leading position in France. Combining the Groupe Atlantic heat pump technical and manufacturing expertise with our knowledge of the UK and IE heating systems and the UK and IE market provides a **winning formula for the launch of our first monobloc heat pump range.**



Combining knowledge and skills from Groupe Atlantic and Ideal Heating, we have developed **a range of products that will make our customers lives easier**, just like the award-winning Logic boiler.

As well as the technical and manufacturing expertise, the **new low carbon products** are supported by the industry leading customer support package that we are known for. From heating design support to technical assistance, over the phone or in person including end user advice, whether the product is a heat pump or a gas boiler, we will deliver the same outstanding customer service and support.

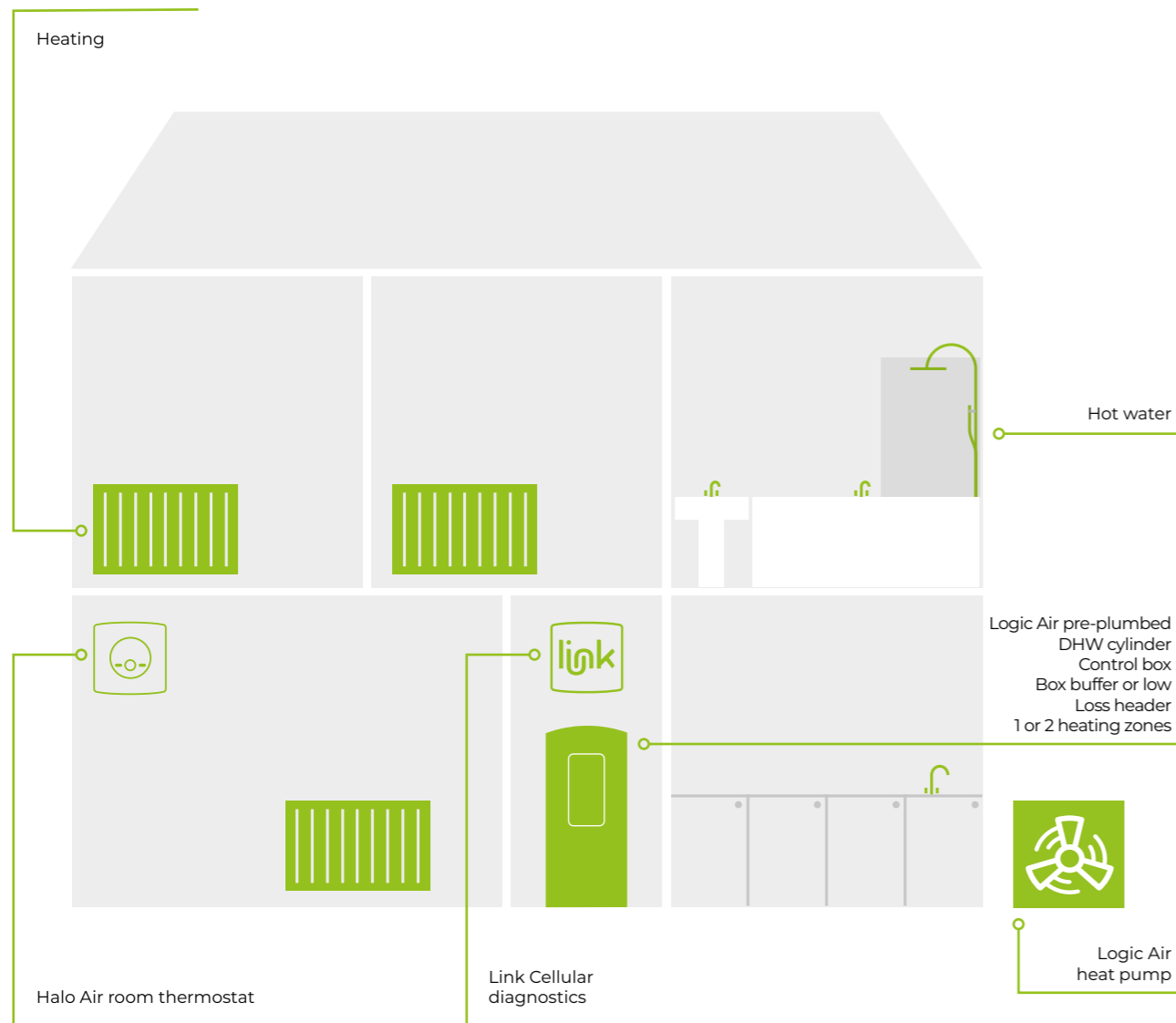
Therefore, we are pleased to announce the launch of the Logic Air monobloc heat pump, pre plumbed heat pump cylinder and Halo Air room thermostat.



# The Ideal **heat pump** ecosystem.

The Logic Air range brings our best low carbon products together. Designed to operate seamlessly, our industry leading heat pump, highly efficient hot water cylinder and Halo room thermostat provide all the components

for a reliable and efficient heat pump system. Supported by national customer service and engineer support. The Logic Air range offers the complete low carbon package.



# Logic Air heat pump.



## KEY FEATURES



Easy to install and service



Year round customer support



SCOP rating up to 519%\*



Quiet operation



Hot water in sunshine, rain, ice and snow



All Logic Air heat pumps are Quiet Mark certified



# Logic Air specification.

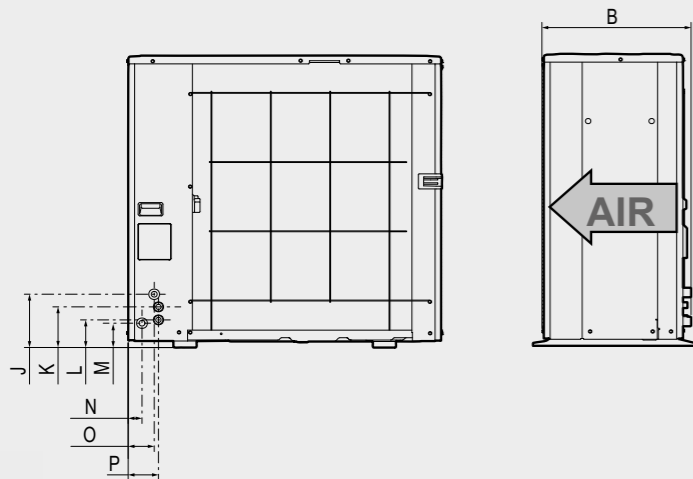
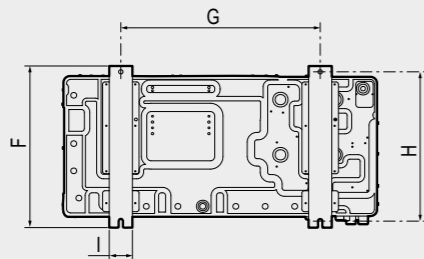
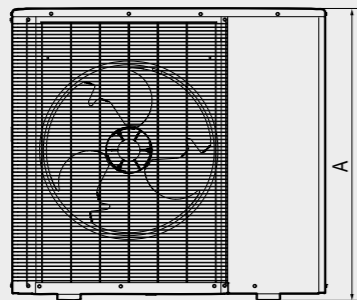
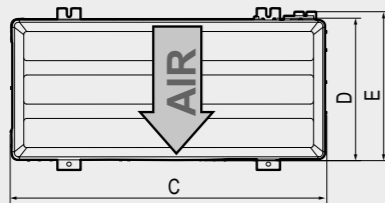
The Logic Air heat pump range is our new range of monobloc heat pumps, offering great efficiencies both in heating and hot water. The Logic Air is designed to deliver efficient, simple and reliable low carbon heating in homes.

Taking the learnings from the award winning Logic boiler, the Logic Air heat pump integrates seamlessly with IE homes, partnered with our best in class pre-plumbed hot water cylinder and our connected Halo Air room thermostat, the Logic Air is quick to install, easy to commission and simple to use.

Our new heat pumps are supported by our industry leading customer service and warranty team which is based in IE and is open 5 days a week, providing year round customer and technical support.

## DIMENSIONS

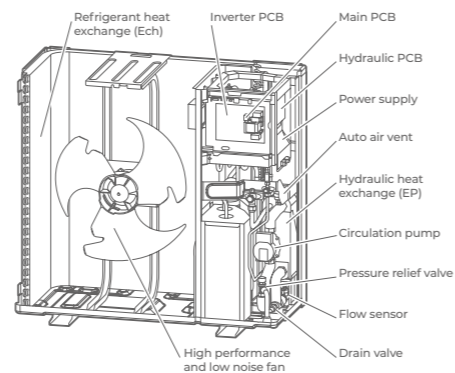
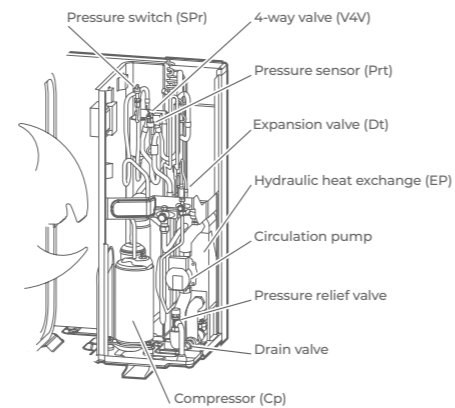
|   | 4kW & 5kW | 8kW & 10kW |
|---|-----------|------------|
| A | 798       | 1008       |
| B | 521       | 518        |
| C | 1095      | 1095       |
| D | 512       | 499        |
| E | 521       | 518        |
| F | 558       | 558        |
| G | 688       | 688        |
| H | 516       | 516        |
| I | 80        | 80         |
| J | 184       | 184        |
| K | 140       | 140        |
| L | 95        | 95         |
| M | 84        | 84         |
| N | 48        | 48         |
| O | 90        | 90         |
| P | 103       | 105        |



## KEY FEATURES

- ✓ Highly efficient: SCOP up to 5.19\*
- ✓ Quiet Operation
- ✓ Compatibility: radiator and underfloor heating systems
- ✓ Intuitive control: smart weather compensating controls
- ✓ Low carbon refrigerant: zero ozone depletion and low global warming potential
- ✓ Smart grid and solar PV compatible
- ✓ Monobloc technology enables easy installation and servicing
- ✓ Domestic hot water: hot, efficient and fast re-heat times with the Ideal heat pump cylinder range

## INTERNAL DIAGRAM



# Logic Air specification.

|                                  |   | Logic Air 4kW | Logic Air 5kW | Logic Air 8kW | Logic Air 10kW |
|----------------------------------|---|---------------|---------------|---------------|----------------|
| Ideal Product Code               |   | IE750664      | IE750665      | IE750666      | IE750667       |
| Heat Pump Space Heating [35°C]*  | ErP Rating                                      | A+++          | A+++          | A+++          | A+++           |
|                                  | ηs  | 195           | 200           | 203           | 205            |
|                                  | SCOP (EN14825)                                  | 4.96          | 5.07          | 5.16          | 5.19           |
| Heat Pump Space Heating [55°C]*  | ErP Rating                                      | A++           | A++           | A++           | A++            |
|                                  | ηs  | 136           | 143           | 145           | 146            |
|                                  | SCOP (EN14825)                                  | 3.48          | 3.65          | 3.7           | 3.73           |
| Heating [A 7°C / W 35°C]*        | Capacity (kW)                                   | 4.0           | 5.0           | 8.2           | 10.3           |
|                                  | Power Input (kW)                                | 0.75          | 0.97          | 1.58          | 2.1            |
|                                  | COP   | 5.34          | 5.0           | 5.19          | 4.9            |
| Heating [A 7°C / W 55°C]*        | Capacity (kW)                                   | 4.0           | 5.0           | 8.2           | 10.3           |
|                                  | Power Input (kW)                                | 1.33          | 1.64          | 2.67          | 3.42           |
|                                  | COP   | 3.00          | 3.04          | 3.07          | 3.01           |
| Sound Power Level (EN 12102 - 1) | 35°C db(A)                                      | 52            | 52            | 55            | 55             |
|                                  | 55°C db(A)                                      | 52            | 52            | 55            | 55             |
| Pipework Connection Sizes        | Heating F/R (mm)                                | 28mm          | 28mm          | 28mm          | 28mm           |
| Dimensions Outdoor Unit (mm)     | Width   | 1095          | 1095          | 1095          | 1095           |
|                                  | Depth   | 521           | 521           | 518           | 518            |
|                                  | Height  | 798           | 798           | 1008          | 1008           |
| Weight (kg)                      | Outdoor Unit                                    | 86            | 86            | 110           | 110            |
|                                  | Electrical Supply (50 Hz)                       | 230v          | 230v          | 230v          | 230v           |
| Electrical Data                  | Phase   | Single Phase  | Single Phase  | Single Phase  | Single Phase   |
|                                  | Refrigerant Charge (kg)*                        | R32           | 0.88          | 0.88          | 1.47           |
| Certification                    | EN 14511:2018, EN 14825:2016, EN 12102 - 1:2022 |               |               |               |                |

\*Performance data in accordance with EN 14825 : 2016, EN 12102-1 :2022, EN 14511 : 2018. The energy efficiency provided may not correspond to the actual energy once installed in a building, as the efficiency is influenced by other factors such as heat loss in the distribution system and the capacity of the products in relation to building size and characteristics.

# Logic Air pre-plumbed cylinder.



## KEY FEATURES



150ltr - 300ltr options



Control box included



Fully pre-plumbed and pre-wired



Industry leading reheat times



Built in low loss header or buffer tank

# Pre-plumbed cylinder specification.

Our stainless steel Logic Air pre-plumbed hot water cylinders combine efficiency with practicality. Designed and manufactured in the UK and boasting industry leading reheat times, our cylinders have been designed to store and generate hot water efficiently using a heat pump.

The pre-plumbed cylinders remove and reduce the complexity and cost of a traditional heat pump installation. Our cylinders are completely pre-plumbed in our UK factory, everything from the three-port valve to the filter are pre-fitted, saving time and space during installation. The cylinders are also pre-wired, from pipe sensors to the thermostatic cut-out, optimising installation and increasing reliability.

## NEW COMBINED DHW AND BUFFER CYLINDERS

The new pre-plumbed cylinder range includes models with an integrated buffer. Housing the DHW cylinder and separate buffer tank in the same case, alongside pre-wired circulation pumps and all the standard pre-plumbing components.

## NEW LOW LOSS HEADER

Our new pre-plumbed low loss header cylinders de-couple the heating system from the heat pump protecting flow rates and enabling two zone control.

## KEY FEATURES



Industry leading reheat times

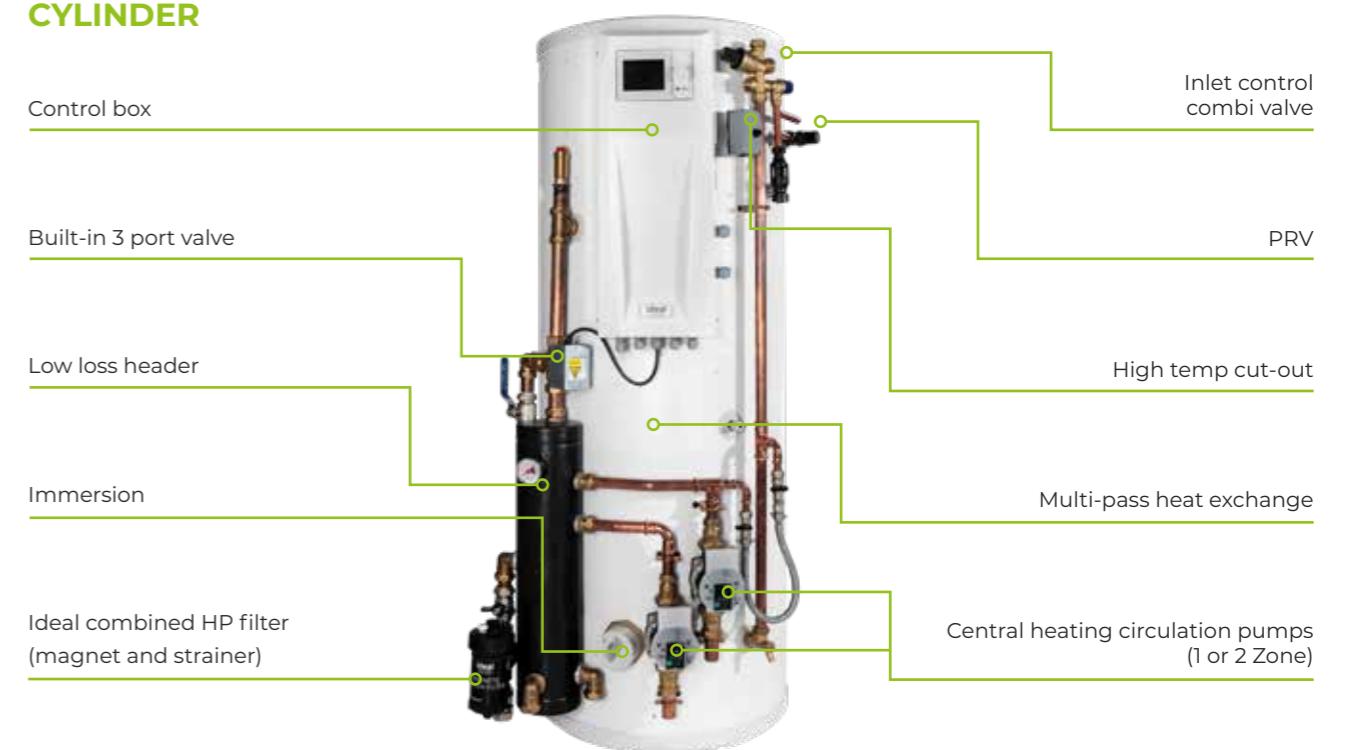


Control box included



Fully pre-plumbed and pre-wired

## THE PRE-PLUMBED CYLINDER



\*Performance figures from for HWA 002:2020 heat pump test results

# Single zone pre-plumbed cylinder specification.

## LOGIC AIR SINGLE ZONE PRE-PLUMBED CYLINDERS

|                                     |                | LOGIC AIR DHW CYL PP<br>150 CBOX 1Z SL | LOGIC AIR DHW CYL PP<br>180 CBOX 1Z SL | LOGIC AIR DHW CYL PP<br>150 CBOX 1Z | LOGIC AIR DHW CYL PP<br>180 CBOX 1Z |
|-------------------------------------|----------------|--|--|-------------------------------------|-------------------------------------|
| Ideal Product Code                  |                | 236203                                 | 236204                                 | 236198                              | 236199                              |
| Energy Efficiency Class             |                | B                                      | C                                      | B                                   | B                                   |
| Heat Loss                           | Watts/h        | 50                                     | 58                                     | 44                                  | 49                                  |
| Capacity (DHW content)              | Litres         | 145                                    | 169                                    | 148                                 | 170                                 |
| Weight Empty                        | kg             | 46                                     | 53                                     | 44                                  | 48                                  |
| Weight Full                         | kg             | 192                                    | 222                                    | 192                                 | 219                                 |
| Overall Width                       | mm             | 581                                    | 581                                    | 636                                 | 636                                 |
| Overall Height                      | mm             | 1598                                   | 1870                                   | 1196                                | 1384                                |
| Overall Depth                       | mm             | 606                                    | 606                                    | 683                                 | 683                                 |
| Cylinder Diameter                   | mm             | 475                                    | 475                                    | 550                                 | 550                                 |
| Cylinder Height                     | mm             | 1519                                   | 1791                                   | 1118                                | 1306                                |
| Primary heat exchanger surface area | m <sup>2</sup> | 1.8                                    | 3.0                                    | 1.6                                 | 2.5                                 |
| Heat up time from 10°C to 50°C*     | min            | 22.26                                  | 21.81                                  | 22.56                               | 22.56                               |
| Immersion Heater rating             | kW             | 3                                      | 3                                      | 3                                   | 3                                   |

\*Heat Up Time, HWA Heat Pump Test 002:2020 (flow rate 0.42l/s and flow temperature of 55°C)

### INCLUDES

- Control Box
- Heat Pump Filter
- DHW 3-port Valve
- P&T Valve
- High Temp Cut Out
- Expansion Vessel
- Pressure Gauge
- Automatic Air Vent(s)
- Isolation Valves
- 3kW Immersion
- Flow Thermistors
- DHW Thermistor
- Outdoor Sensor

# Two zone pre-plumbed cylinder specification.

## LOGIC AIR TWO ZONE PRE-PLUMBED CYLINDERS WITH LOW LOSS HEADER

|                                     |                | LOGIC AIR DHW<br>CYL PP 210<br>CBOX LL 2Z SL | LOGIC AIR DHW<br>CYL PP 210<br>CBOX LL 2Z | LOGIC AIR DHW<br>CYL PP 250<br>CBOX LL 2Z | LOGIC AIR DHW<br>CYL PP 300<br>CBOX LL 2Z |
|-------------------------------------|----------------|--|---|---|---|
| Ideal Product Code                  |                | 236205                                       | 236200                                    | 236201                                    | 236202                                    |
| Energy efficiency class             |                | C  | B   | C   | C   |
| Heat loss                           | Watts/h        | 65   | 55  | 63  | 72  |
| Capacity (DHW content)              | Litres         | 188  | 199                                       | 237                                       | 279                                       |
| Weight empty                        | kg             | 60.6   | 64  | 69.8                                      | 73.4                                      |
| Weight full                         | kg             | 248.9  | 262.8                                     | 307                                       | 352.4                                     |
| Overall width                       | mm             | 647  | 704                                       | 704                                       | 704                                       |
| Overall height                      | mm             | 2042   | 1572                                      | 1822                                      | 2068                                      |
| Overall depth                       | mm             | 620  | 686                                       | 686                                       | 686                                       |
| Cylinder diameter                   | mm             | 475  | 550                                       | 550                                       | 550                                       |
| Primary heat exchanger surface area | m <sup>2</sup> | 2.5  | 2.5                                       | 3.0                                       | 3.0                                       |
| Secondary return connection         |                | yes  | yes                                       | yes                                       | Yes                                       |
| Immersion heater rating             | kW             | 3  | 3   | 3   | 3   |
| Heat up time from 10°C to 50°C*     | min            | 23.68  | 30.60                                     | 27.34                                     | 35.05                                     |

\*Heat Up Time, HWA Heat Pump Test 002:2020 (flow rate 0.42l/s and flow temperature of 55°C)

### INCLUDES

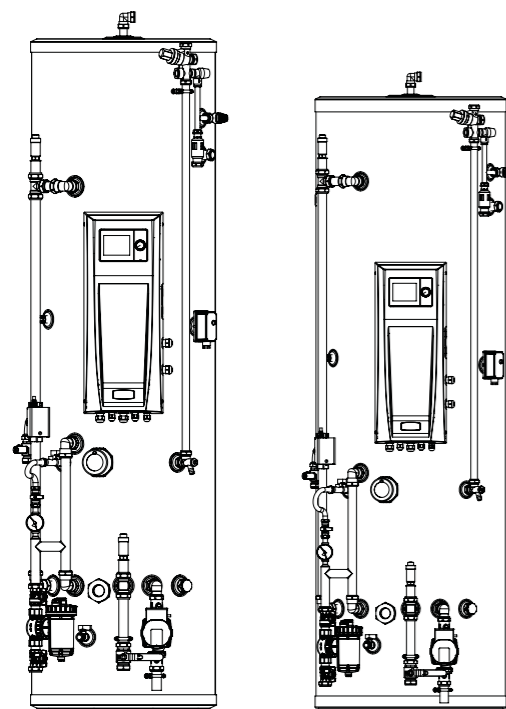
- Control Box
- Wiring Centre
- Controller
- Low Loss Header
- Heat Pump Filter
- DHW 3-port Valve
- P&T Valve
- High Temp Cut Out
- Expansion Vessel
- Pressure Gauge
- Automatic Air vent(s)
- Isolation Valves
- 3kW Immersion
- x2 Circulation Pumps
- Flow Thermistors
- DHW Thermistor
- Outdoor Sensor

# Pre-plumbed DHW cylinders with **integrated buffer** single zone specification.

## PRE-PLUMBED DHW CYLINDER WITH INTEGRATED BUFFER - SINGLE ZONE

|                                     |         | LOGIC AIR DHW CYL PP 180 CBOX BUFF 1Z | LOGIC AIR DHW CYL PP 210 CBOX BUFF 1Z | LOGIC AIR DHW CYL PP 250 CBOX BUFF 1Z | LOGIC AIR DHW CYL PP 300 CBOX BUFF 1Z |
|-------------------------------------|---------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Ideal Product Code                  |         | 236206                                | 236208                                | 236210                                | 236212                                |
| Energy efficiency class             |         | B                                     | B                                     | B                                     | B                                     |
| Heat Loss                           | Watts/h | 49                                    | 55                                    | 62                                    | 68                                    |
| Capacity (DHW content)              | Litres  | 171                                   | 199                                   | 239                                   | 287                                   |
| Volume of integrated buffer         | Litres  | 70                                    | 70                                    | 63.5                                  | 63.5                                  |
| Weight empty                        | Kg      | 64.6                                  | 68.6                                  | 77                                    | 87                                    |
| Weight full                         | Kg      | 305.6                                 | 337.4                                 | 379                                   | 437.5                                 |
| Overall width                       | mm      | 644                                   | 644                                   | 705                                   | 705                                   |
| Overall height                      | mm      | 1907                                  | 2095                                  | 1908                                  | 2128                                  |
| Overall depth                       | mm      | 702                                   | 702                                   | 780                                   | 780                                   |
| Cylinder diameter                   | mm      | 550                                   | 550                                   | 630                                   | 630                                   |
| Cylinder height                     | mm      | 1829                                  | 2017                                  | 1829                                  | 2049                                  |
| Primary heat exchanger surface area | m2      | 2.5                                   | 2.5                                   | 2.5                                   | 3.0                                   |
| Heat up time from 10°C to 50°C**    | Min     | 22.17                                 | 32.71                                 | 26.56                                 | 44.09                                 |
| Immersion heater rating             | kW      | 3                                     | 3                                     | 3                                     | 3                                     |
| Secondary return connection         | No/Yes  | No                                    | Yes                                   | Yes                                   | Yes                                   |

\*\*Heat Up Time, HWA Heat Pump Test 002:2020 (flow rate 0.42l/s and flow temperature of 55°C).



### INCLUDES

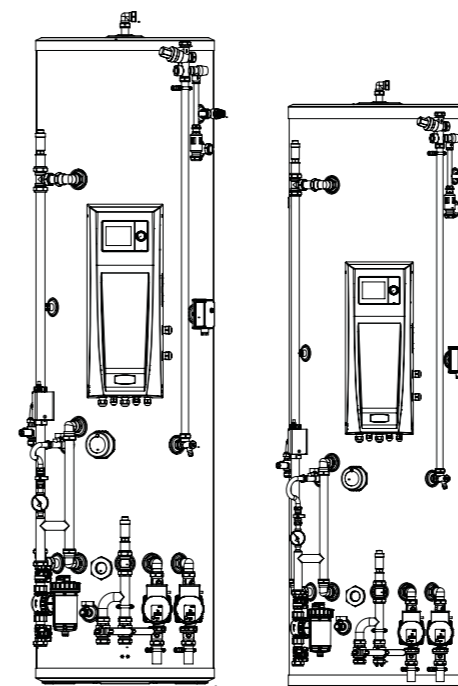
- ✓ Control Box
- ✓ Buffer Tank
- ✓ Heat Pump Filter
- ✓ DHW 3-port Valve
- ✓ P&T Valve
- ✓ High Temp Cut Out
- ✓ Expansion Vessel
- ✓ Pressure Gauge
- ✓ Automatic Air Vent(s)
- ✓ Isolation Valves
- ✓ 3kW Immersion
- ✓ Circulation Pump
- ✓ Flow Thermistors
- ✓ DHW Thermistor
- ✓ Outdoor Sensor

# Pre-plumbed DHW cylinders with **integrated buffer** two zone specification.

## PRE-PLUMBED DHW CYLINDER WITH INTEGRATED BUFFER - TWO ZONE

|                                     |         | LOGIC AIR DHW CYL PP 180 CBOX BUFF 2Z | LOGIC AIR DHW CYL PP 210 CBOX BUFF 2Z | LOGIC AIR DHW CYL PP 250 CBOX BUFF 2Z | LOGIC AIR DHW CYL PP 300 CBOX BUFF 2Z |
|-------------------------------------|---------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Ideal Product Code                  |         | 236207                                | 236209                                | 236211                                | 236213                                |
| Energy efficiency class             |         | B                                     | B                                     | B                                     | B                                     |
| Heat Loss                           | Watts/h | 49                                    | 55                                    | 62                                    | 68                                    |
| Capacity (DHW content)              | Litres  | 171                                   | 199                                   | 239                                   | 286                                   |
| Volume of integrated buffer         | Litres  | 70                                    | 70                                    | 63.5                                  | 63.5                                  |
| Weight empty                        | Kg      | 68                                    | 71.8                                  | 80                                    | 90.2                                  |
| Weight full                         | Kg      | 309                                   | 340.6                                 | 382                                   | 439.7                                 |
| Overall width                       | mm      | 644                                   | 644                                   | 705                                   | 705                                   |
| Overall height                      | mm      | 1907                                  | 2095                                  | 1908                                  | 2128                                  |
| Overall depth                       | mm      | 702                                   | 702                                   | 780                                   | 780                                   |
| Cylinder diameter                   | mm      | 550                                   | 550                                   | 630                                   | 630                                   |
| Cylinder height                     | mm      | 1829                                  | 2017                                  | 1829                                  | 2049                                  |
| Primary heat exchanger surface area | m2      | 2.5                                   | 2.5                                   | 2.5                                   | 3.0                                   |
| Heat up time from 10°C to 50°C**    | Min     | 22.17                                 | 32.71                                 | 26.56                                 | 44.09                                 |
| Immersion heater rating             | kW      | 3                                     | 3                                     | 3                                     | 3                                     |
| Secondary return connection         | No/Yes  | No                                    | Yes                                   | Yes                                   | Yes                                   |

\*\*Heat Up Time, HWA Heat Pump Test 002:2020 (flow rate 0.42l/s and flow temperature of 55°C).



### INCLUDES

- ✓ Control Box
- ✓ Buffer Tank
- ✓ Heat Pump Filter
- ✓ DHW 3-port Valve
- ✓ P&T Valve
- ✓ High Temp Cut Out
- ✓ Expansion Vessel
- ✓ Pressure Gauge
- ✓ Automatic Air Vent(s)
- ✓ Isolation Valves
- ✓ 3kW Immersion
- ✓ Circulation Pump(s)
- ✓ Flow Thermistors
- ✓ DHW Thermistor
- ✓ Outdoor Sensor

# Logic Air control box.



The Logic Air control box is the central hub for the heat pump system, linking the heat pump to your heating and hot water cylinder. It enables in depth control, scheduling, connectivity and performance diagnostics.

## INBUILT HEAT PUMP CONTROLLER

Our inbuilt controller uses tried and tested technology to keep you warm efficiently. From scheduling to diagnostics our controller gives you control and transparency.

## QUICK START SET UP

Our new quick start menu makes commissioning fast, easy and accurate. In just a few steps the heat pump can be up and running and tuned to its most efficient parameters.

## HYBRID READY

For installations that require a heat pump and a boiler, the Logic Air control box brings a boiler and heat pump together seamlessly.

## CONNECTIVITY

The Logic Air control box is compatible with Halo Air, Link Cellular heat pump diagnostics and 3rd party thermostats, giving you access to online control, scheduling and remote diagnostics from anywhere in the world.

## SMART GRID COMPATIBLE / SOLAR PV COMPATIBLE

The Logic Air control box is smart grid ready and can connect to solar PV, enabling smarter ways of powering heating and hot water.

## PERFORMANCE DIAGNOSTICS

The Logic Air control box gives you access to the efficiency of the householders heating system, helping them to understand the health of their heat pump system at a glance.



|                                     |                            |         |
|-------------------------------------|----------------------------|---------|
| Control box                         | Ideal Product Code: 235797 |         |
| <b>Physical properties</b>          |                            |         |
| Weight                              | kg                         | 5       |
| Height                              | mm                         | 627     |
| Width                               | mm                         | 254     |
| Depth                               | mm                         | 147     |
| <b>Electrical properties</b>        |                            |         |
| IP rating                           | IP                         | 20      |
| Rated voltage                       | VAC                        | 220-240 |
| Maximum rated current (control box) | A                          | 1       |
| Maximum rated current (contactor)   | A                          | 16      |
| Rated power input (control box)     | W                          | 100     |
| Rated power input (contactor)       | W                          | 3000    |

# HALO

## AIR

IDEAL HALO AIR Wi-Fi & RF



## KEY FEATURES



Designed for Logic Air



Easy to install



Full heating and hot water control





# Halo Air introduction.

Halo Air is a programmable room thermostat, based on the current Ideal Halo platform that is designed and developed to work seamlessly with the new Logic Air monobloc heat pump.

As the primary interface with the end user for the whole heating system it is important that the room thermostat is clear, easy to use and guides the right usage behaviour.

Halo Air not only provides a clear user interface for the householder but it helps to communicate diagnostic data to the installer or service help desk.

## HALO AIR RF.



## HALO AIR WI-FI.



## HALO AIR 2 ZONE RF.



## HALO AIR 2 ZONE WI-FI.



# Halo Air RF.



2 year warranty



Easy to install



Load compensating control



Compatible with Logic Air



Simple wiring connections to heat pump control box



Simple dial and button interface

Halo Air RF is a wireless programmable room thermostat designed specifically to work with Logic Air.

Halo Air offers fast, flexible and intelligent wireless technology and is packed with features that enable simple and easy heating and hot water control.

\*2 year parts and labour warranty available when registered within 30 days of installation. Terms and conditions apply.

# Halo Air Wi-Fi.

**2**  
YEAR WARRANTY\*



- 2 year warranty
- Smart home compatible
- Control your heating and hot water anywhere via the app
- Compatible with Logic Air
- Easy to install
- Year round customer support
- Easy app set up
- Load compensating control

Halo Air Wi-Fi is engineered specifically to work with Logic Air heat pumps and allows flexible control of heating and hot water with the intuitive Halo app, which can be connected through smart home devices like Amazon Alexa and Google Home.

It's simple to install, straightforward for everyone to use, no matter where they are.

\*2 year parts and labour warranty available when registered within 30 days of installation. Terms and conditions apply.

# Halo Air 2-Zone RF.

**2**  
YEAR WARRANTY\*



- 2-Zone control
- Easy to install
- Load compensating control
- Compatible with Logic Air
- Simple wiring to heat pump control box
- Simple dial and button interface

Halo Air RF 2-Zone incorporates an additional programmable room thermostat with the extra functionality of controlling the temperature of a second zone.

\*2 year parts and labour warranty available when registered within 30 days of installation. Terms and conditions apply.

# Halo Air 2-Zone Wi-Fi.

**2**  
YEAR WARRANTY\*



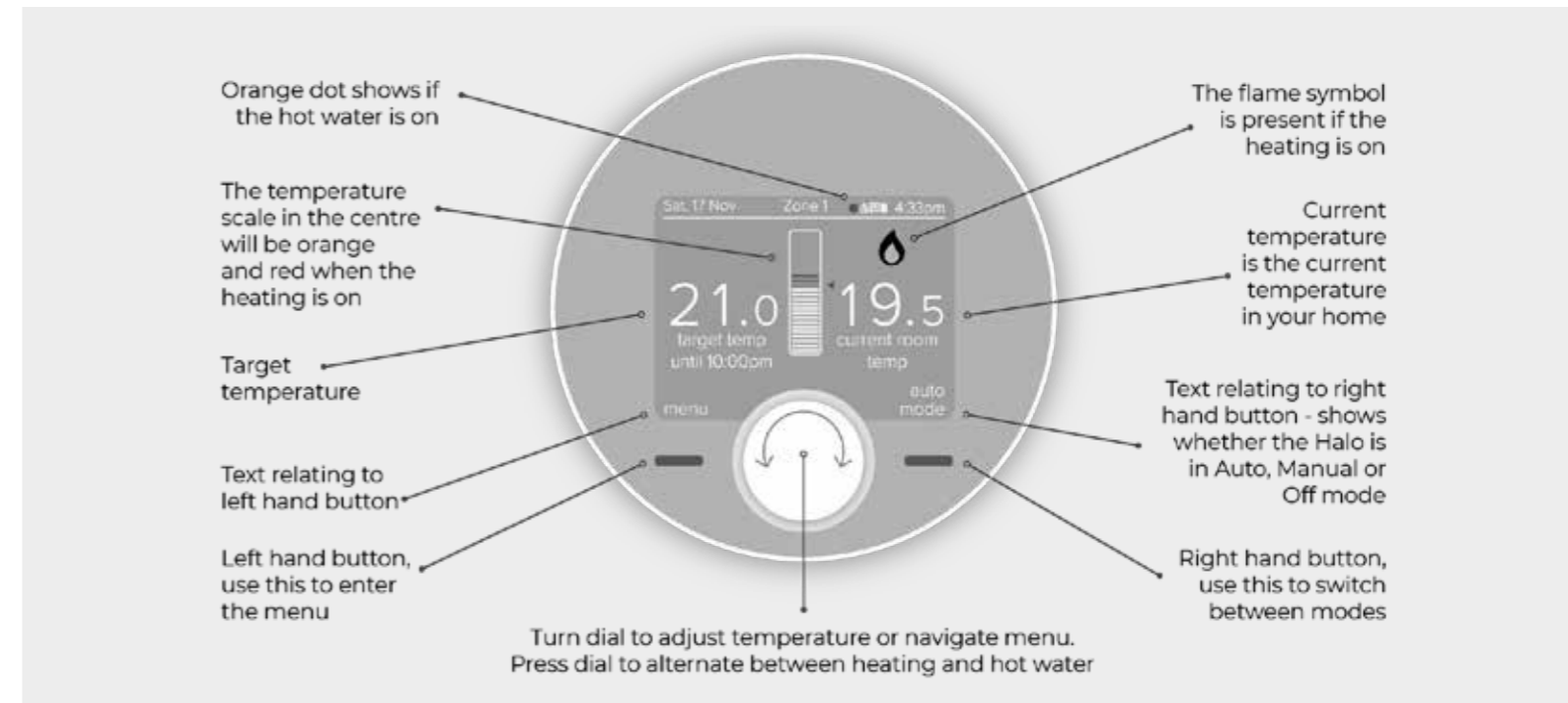
- 2-Zone control
- Smart home compatible
- Control your heating and hot water no matter where you are
- Compatible with Logic Air
- Easy to install
- Year round customer support
- Easy app set up
- Load compensating control

Halo Air Wi-Fi 2-Zone incorporates an additional programmable room thermostat with the extra functionality of controlling the temperature of a second zone.

\*2 year parts and labour warranty available when registered within 30 days of installation. Terms and conditions apply.

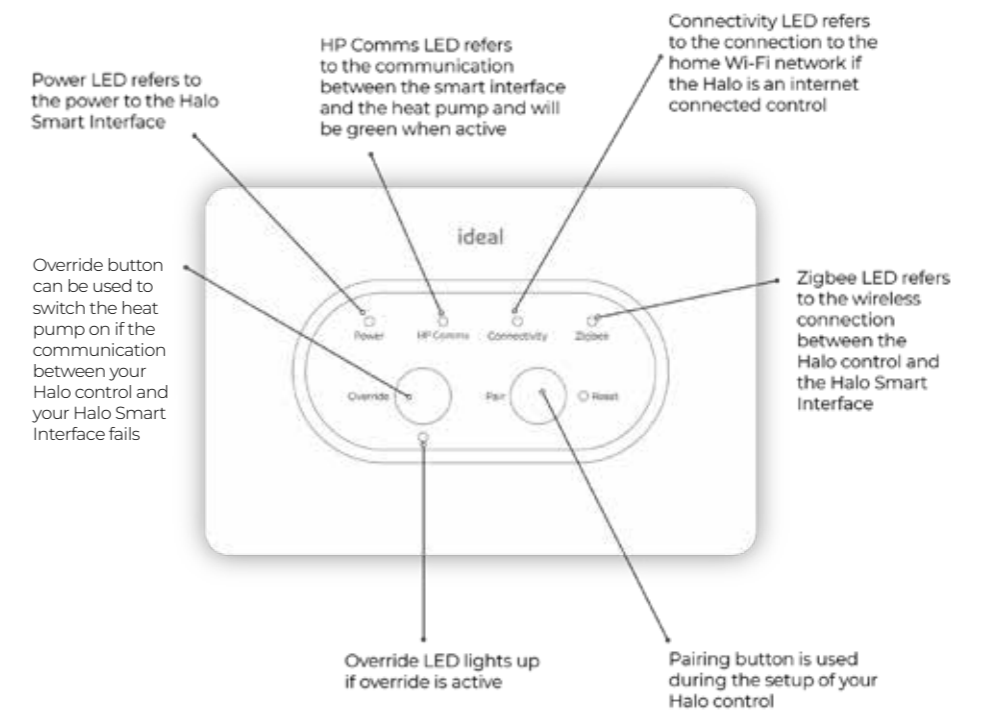
# Halo Air features.

**HALO AIR IS A BATTERY POWERED, WIRELESS CONTROL FOR BOTH HEATING AND HOT WATER.**



## HALO AIR SMART INTERFACE

The Halo Air smart interface connects the heat pump to the Wi-Fi and the Halo thermostat(s)



# Logic Air and Halo Air

| Reference   | Description  | List Price |
|---|--|------------|
| <b>Logic Air monobloc heat pumps</b>  |  |            |
| IE750664  | Logic Air monobloc 4kw R32   | €4,139.88  |
| IE750665  | Logic Air monobloc 5kw R32   | €4,339.88  |
| IE750666  | Logic Air monobloc 8kw R32   | €4,646.65  |
| IE750667  | Logic Air monobloc 10kw R32  | €4,846.65  |
| <b>Halo Air programmable room thermostat</b>                                |  |            |
| 234819  | Halo Air single zone RF  | €332.55    |
| 234790  | Halo Air single zone Wi-Fi   | €332.55    |
| 234791  | Halo Air 2-zone RF   | €403.99    |
| 234792  | Halo Air 2-zone Wi-Fi  | €403.99    |
| <b>Pre-plumbed DHW cylinder with control box and integrated buffer tank</b> |  |            |
| 236206  | Logic Air DHW pre-plumbed cylinder 180L, control box & buffer 1-zone                   | €3,649.64  |
| 236207  | Logic Air DHW pre-plumbed cylinder 180L, control box & buffer 2-zone                   | €3,758.96  |
| 236208  | Logic Air DHW pre-plumbed cylinder 210L, control box & buffer 1-zone                   | €3,694.84  |
| 236209  | Logic Air DHW pre-plumbed cylinder 210L, control box & buffer 2-zone                   | €3,804.08  |
| 236210  | Logic Air DHW pre-plumbed cylinder 250L, control box & buffer 1-zone                   | €4,079.43  |
| 236211  | Logic Air DHW pre-plumbed cylinder 250L, control box & buffer 2-zone                   | €4,188.66  |
| 236212  | Logic Air DHW pre-plumbed cylinder 300L, control box & buffer 1-zone                   | €4,078.12  |
| 236213  | Logic Air DHW pre-plumbed cylinder 300L, control box & buffer 2-zone                   | €4,187.35  |
| <b>Pre-plumbed DHW cylinders with control box</b>                           |  |            |
| 236198  | Logic Air DHW pre-plumbed cylinder 150L & control box 1-zone                           | €3,028.18  |
| 236199  | Logic Air DHW pre-plumbed cylinder 180L & control box 1-zone                           | €3,091.52  |
| 236200  | Logic Air DHW pre-plumbed cylinder 210L, control box & low loss header 2-zone          | €3,478.04  |
| 236201  | Logic Air DHW pre-plumbed cylinder 250L, control box & low loss header 2-zone          | €3,680.58  |
| 236202  | Logic Air DHW pre-plumbed cylinder 300L, control box & low loss header 2-zone          | €3,713.80  |
| 236203  | Logic Air DHW pre-plumbed slimline cylinder 150L & control box 1-zone                  | €3,060.61  |
| 236204  | Logic Air DHW pre-plumbed slimline cylinder 180L & control box 1-zone                  | €3,150.12  |
| 236205  | Logic Air DHW pre-plumbed slimline cylinder 210L, control box & low loss header 2-zone | €3,491.58  |

# Heat Pump Accessories

| Reference                                      | Description  | List Price |
|--|--|------------|
| <b>Non pre-plumbed DHW heat pump cylinders</b> |  |            |
| PLUHP180                                       | Heat pump cylinder 180L                                      | €2,103.94  |
| 219437   | Heat pump cylinder 180L slimline                             | €2,248.71  |
| PLUHP210                                       | Heat pump cylinder 210L                                      | €2,266.80  |
| 219438   | Heat pump cylinder 210L slimline                             | €2,294.04  |
| PLUHP250                                       | Heat pump cylinder 250L                                      | €2,342.65  |
| PLUHP300                                       | Heat pump cylinder 300L                                      | €2,476.24  |
| <b>Logic air standalone control</b>            |  |            |
| 235797   | Logic Air control box  | €892.24    |
| <b>Buffer Tanks</b>                            |  |            |
| AH700436                                       | Buffer tank 25L  | €349.68    |
| AH700437                                       | Buffer tank 50L  | €404.32    |
| <b>Accessories</b>                             |  |            |
| 11105064V                                      | Flexi-Foot Kit (2 no 600mm Feet & Fixing Kit)                | €76.07     |
| FF-500-28-F                                    | Flexible ASHP Hose Pair - 500mm x 28mm - 1" Female           | €136.05    |
| FH-500-28-F-ELBOW                              | Flexible ASHP Hose Pair - 500mm x 28mm - 1" Female c/w elbow | €187.78    |
| FH-750-28-F                                    | Flexible ASHP Hose Pair - 750mm x 28mm - 1" Female           | €151.97    |
| FH-750-28-F-ELBOW                              | Flexible ASHP Hose Pair - 750mm x 28mm - 1" Female c/w elbow | €178.39    |
| FH-750-28-M                                    | Flexible ASHP Hose Pair - 750mm x 28mm - 1" Male             | €159.78    |
| FH-750-28-1-1/4F                               | Flexible ASHP Hose Pair - 750mm x 28mm - 1,1/4" Female       | €170.13    |
| FH-750-28-1-1/4M                               | Flexible ASHP Hose Pair - 750mm x 28mm - 1,1/4" Male         | €205.39    |
| FH-I-1000-28-SLIT                              | Insulation 2m x 28mm id x 19mm Wall PVC coated slit & seal   | €72.07     |
| FH-I-000-35-SLIT                               | Insulation 2m x 35mm id x 19mm Wall PVC coated slit & seal   | €73.80     |
| ZERO001  | Intatec Anti-Freeze Valve 1" Male                            | €126.30    |
| AI-171R06                                      | Altecnic AI-171 Lever Ball Valve Red Handle 1" Female        | €63.59     |
| HV18C  | Altecnic 18 Litre Heating Expansion Vessel                   | €92.22     |
| Feet   | Rubber floor standing feet 600mm (x2) 95mm High              | €98.83     |

# ALFEA A.I. HEAT PUMPS

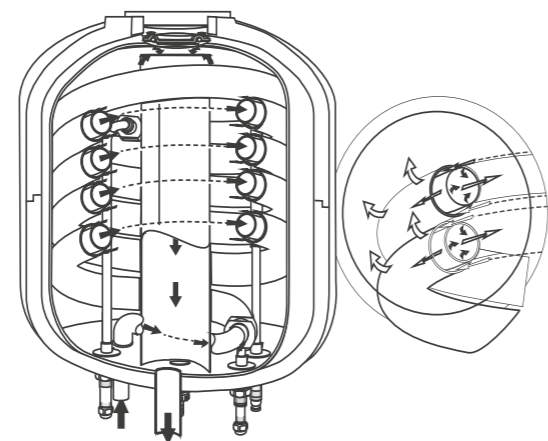
The Ideal Alfea heat pump is redefining how we heat our homes, providing low carbon heating that is efficient, reliable, and effortlessly simple to use.



## ENGINEERED FOR RELIABILITY

The Alfea A.I. range has a patented coaxial heat exchanger, a unique technology that has been developed to maximise the heat pump's performance.

This enables us to achieve unrivaled reliability and drives up efficiency. Our heat exchanger uses large water ways and tube in tube technology to ensure a really good flow rates. We then capture all from the energy from the heat exchanger by immersing it into our buffer tank and combining it with our backup immersion to speed up installation time and free up space.



welcome to our ideology

## IDEAL HEAT PUMP CYLINDER

The Ideal stainless steel unvented heat pump cylinder is specifically designed for installation with the Ideal heat pump. Capacities are available up to 300 litres, which includes slimline models to ensure the Ideal heat pump range provides a flexible system solution.

### IDEAL HEAT PUMP DHW

|                             |                | 180  | 210  | 250  | 300  |
|-----------------------------|----------------|------|------|------|------|
| Heat loss (per hour)        | watts          | 55   | 62   | 74   | 86   |
| Capacity                    | litres         | 178  | 208  | 248  | 287  |
| Height                      | mm             | 1306 | 1494 | 1744 | 1990 |
| Diameter                    | mm             | 550  | 550  | 550  | 550  |
| Weight (empty)              | kg             | 34   | 38   | 43   | 47   |
| Weight (full)               | kg             | 212  | 246  | 291  | 334  |
| Surface area of HP coil     | m <sup>2</sup> | 2.5  | 3    | 3    | 3    |
| Immersion heater rating     | kW             | 3    | 3    | 3    | 3    |
| Secondary return connection |                | No   | Yes  | Yes  | Yes  |

### IDEAL HEAT PUMP DHW SLIMLINE

|                             |                | 180  | 210  |
|-----------------------------|----------------|------|------|
| Heat loss (per hour)        | watts          | 67   | 74   |
| Capacity                    | litres         | 183  | 202  |
| Height                      | mm             | 1791 | 1963 |
| Diameter                    | mm             | 475  | 475  |
| Weight (empty)              | kg             | 38   | 40   |
| Weight (full)               | kg             | 219  | 237  |
| Surface area of HP coil     | m <sup>2</sup> | 3    | 3    |
| Immersion heater rating     | kW             | 3    | 3    |
| Secondary return connection |                | No   | Yes  |

25

25 year warranty\*



Lightest cylinder on the market



Highly efficient multi-coil heat exchanger

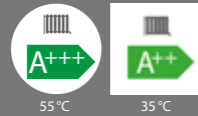
## KEY FEATURES

- ✓ Surface area is maximised by a single external connection splitting into internal multi-pass coils
- ✓ High flow enables faster heat transfer
- ✓ Additional surface area increases flow rate and reduces pressure loss
- ✓ Wide range of capacities available:
  - Standard model (550mm wide) - 180, 210, 250 and 300 litres
  - Slimline model (475mm wide) - 180 and 210 litres



\*Subject to terms and conditions 25 year vessel warranty, 2 year parts and labour warranty when registered within 30 days of install

**8**  
YEAR WARRANTY



### Product Overview

- Suitable for New Builds & Renovations
- 4 Models: 5kw - 10kw outputs - single phase
- Heating & DHW Integrated
- COP: up to 4.74 (+7°C / +35°C)
- Outside working temperatures -20°C to +35°C
- Low Temperature Heating : max 52°C
- NZEB Compliant
- Market Leading 8 Year Warranty
- Reliability as Standard



### Key features

- Patented Co-axial Heat Exchanger
- Robust System tolerant heat exchanger with large waterways
- No in line filter required - less maintenance
- No waterflow controller needed - reducing circulation issues
- Built in 16lt Buffer Tank
- Intuitive Controls & Simple to use
- Easy Installation & maintenance
- Compatible with all low level heating emitters (underfloor heating, steel panel radiators, aluminium radiators, fan coils)
- Integrated Electrical back up 3kw
- Navistem 400S Controller - Quick Start Set Up
- Cozy Touch available allowing control of heating system from your phone
- Low Energy Consumption circulating pump
- Inverter regulation
- Twin Rotary Compressor
- Refrigerant circuit R32
- Accessories to meet all requirements



### Alfea Extensa R32 A.I Heat Pumps

| Description                         | Reference | List Price |
|-------------------------------------|-----------|------------|
| Alfea Extensa A.I 5 Kw Split (R32)  | AH526151  | €5,430.68  |
| Alfea Extensa A.I 6 Kw Split (R32)  | AH526152  | €5,813.04  |
| Alfea Extensa A.I 8 Kw Split (R32)  | AH526153  | €6,287.25  |
| Alfea Extensa A.I 10 Kw Split (R32) | AH526154  | €6,826.77  |

### Heat Pump Pack Price Includes

- ✓ Drain Tray
- ✓ Integrated 3kw Electric Back up Heater
- ✓ Rubber Feet
- ✓ 10m of refrigerant pipe
- ✓ A59 Navilink stat
- ✓ Commissioning
- ✓ Weather Compensation Kit

#### Outdoor inverter unit

- 1 Low-noise, high-output coil
- 2 Electric variable speed motor
- 3 "Inverter" control module
- 4 Control lights and buttons
- 5 Connection terminals (power supply and interconnection)
- 6 Refrigerant accumulator bottle
- 7 Cycle reversing valve
- 8 Anti-corrosion treated metal cover
- 9 High performance exchange surface evaporator; anti-corrosion treated hydrophilic aluminium fins and grooved copper tubes
- 10 Electronic expansion valve
- 11 Noise and temperature insulated "Inverter" compressor
- 12 Refrigerating connection valves (flared connectors) with protective cover

#### Indoor hydraulic module

- 1 Electric board
- 2 User interface/regulator
- 3 Manometer
- 4 Low consumption circulation pump
- 5 Heating flow
- 6 Heating return
- 7 Refrigerant connections
- 8 Expansion vessel
- 9 Safety valve
- 10 Coaxial heat exchanger

### Accessories

- Duo 2 Zone Kit - incl. Pump, Pipework & Mixing Valve. This allows the underfloor and radiators to be run at a different temperature simultaneously.
- Hydraulic stand off kit for top connections
- Boiler connection kit
- A59 Navilink stat
- DHW Kit
- Buffer Tank 25ltr
- Buffer Tank 50ltr
- Cozy Touch Gateway

### DHW Heat Pump Cylinder



| Description                              | Reference | List Price |
|--|-----------|------------|
| Ideal Heat Pump Cylinder 180ltr          | PLUHP180  | €2,103.94  |
| Ideal Heat Pump Cylinder 210ltr          | PLUHP210  | €2,266.80  |
| Ideal Heat Pump Cylinder 250ltr          | PLUHP250  | €2,342.65  |
| Ideal Heat Pump Cylinder 300ltr          | PLUHP300  | €2,476.24  |
| Ideal Heat Pump Cylinder 400ltr          | PLUHP400  | €2,760.43  |
| Ideal Heat Pump Cylinder Slimline 180ltr | 219437    | €2,248.71  |
| Ideal Heat Pump Cylinder Slimline 210ltr | 219438    | €2,294.04  |

# Alfea Extensa R32 Duo

Split air-to-water heat pump that provides a low temperature solution (heating & DHW) for all projects

**8**  
YEAR WARRANTY



## Product Overview

- Suitable for New Builds & Renovations
- 4 Models: 5kw - 10kw outputs - single phase
- Heating & DHW Integrated
- COP: up to 4.74 (+7°C / +35°C)
- Outside working temperatures -20°C to +35°C
- Low Temperature Heating : max 52°C
- NZEB Compliant
- Market Leading 8 Year Warranty
- Reliability as Standard



## Key features

- Patented Co-axial Heat Exchanger
- Robust System tolerant heat exchanger with large waterways
- No in line filter required - less maintenance
- No waterflow controller needed - reducing circulation issues
- Built in 16lt Buffer Tank
- DHW storage tank integrated (190L)
- Intuitive Controls & Simple to use
- Easy Installation & maintenance
- Compatible with all low level heating emitters (underfloor heating, steel panel radiators, aluminium radiators, fan coils)
- Integrated Electrical back up 3kw
- Navistem 400S Controller - Quick Start Set Up
- Cozy Touch available allowing control of heating system from your phone
- Low Energy Consumption circulating pump
- Inverter regulation
- Twin Rotary Compressor
- Refrigerant circuit R32• Accessories to meet all requirements



## Outdoor inverter unit

- 1 Low-noise, high-output coil
- 2 Electric variable speed "Inverter" motor
- 3 "Inverter" control module
- 4 Control lights and buttons
- 5 Connection terminals (power supply and interconnection)
- 6 Refrigerant accumulator bottle
- 7 Cycle reversing valve
- 8 Anti-corrosion treated metal cover
- 9 High performance exchange surface evaporator; anti-corrosion treated hydrophilic aluminium fins and grooved copper tubes
- 10 Electronic expansion valve
- 11 Noise and temperature insulated "Inverter" compressor
- 12 Refrigerating connection valves (flared connectors) with protective cover

## Indoor hydraulic module

- 1 Electric board
- 2 User interface/regulator
- 3 Low consumption circulation pump
- 4 "Gas" refrigeration connection
- 5 "Liquid" refrigeration connection
- 6 Manometer
- 7 Expansion vessel
- 8 Coaxial heat exchanger
- 9 DHW electric back-up

## Accessories

- Duo 2 Zone Kit - incl. Pump, Pipework & Mixing Valve. This allows the underfloor and radiators to be run at a different temperature simultaneously.
- Hydraulic stand off kit for top connections
- Boiler connection kit
- A59 Navilink stat
- DHW Kit
- Buffer Tank 25ltr
- Buffer Tank 50ltr
- Cozy Touch Gateway

## Heat Pump Pack Price Includes

- ✓ DHW Storage Tank Integrated (190ltr)
- ✓ Drain Tray
- ✓ Rubber Feet
- ✓ A59 Navilink stat
- ✓ Weather Compensation Kit
- ✓ Integrated 3kw Electric Back up Heater
- ✓ 10m of refrigerant pipe
- ✓ Commissioning

## Alfea Extensa R32 A.I Duo Heat Pumps

| Description                       | Reference | List Price |
|-----------------------------------|-----------|------------|
| Alfea Extensa Duo A.I 5 Kw (R32)  | AH526159  | €6,775.80  |
| Alfea Extensa Duo A.I 6 Kw (R32)  | AH526160  | €7,012.22  |
| Alfea Extensa Duo A.I 8 Kw (R32)  | AH526161  | €7,620.90  |
| Alfea Extensa Duo A.I 10 Kw (R32) | AH526162  | €8,541.48  |

# Alfea Excellia

Split air-to-water heat pump that provides a high temperature solution for all projects.

**8**  
YEAR WARRANTY



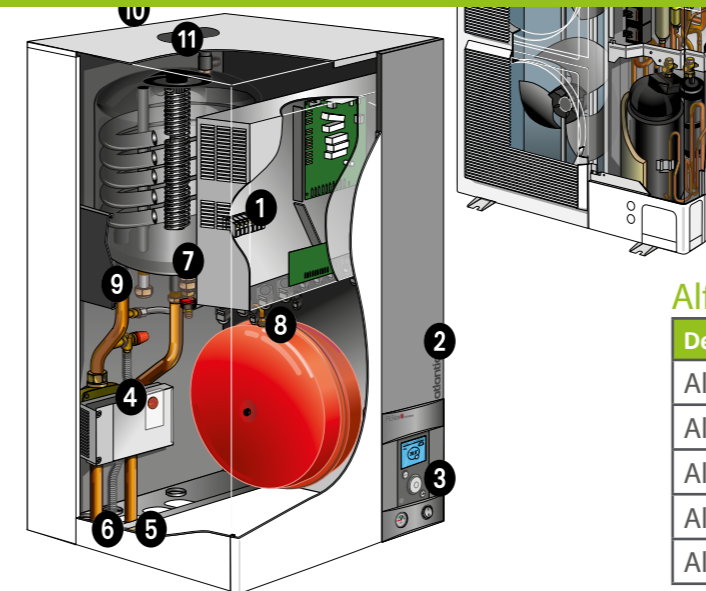
## Product Overview

- Suitable for New Builds & Renovations
- 3 Models: 11kw, 14kw & 16kw outputs
- Three phase available in 16kw
- COP: up to 4.3 (+7°C / +35°C)
- Outside working temperatures -25°C to +35°C
- High Temperature Heating up to 60°C
- NZEB Compliant
- Market Leading 8 Year Warranty
- Reliability as Standard



## Key features

- Patented Co-axial Heat Exchanger
- Robust System tolerant heat exchanger with large waterways
- No in line filter required - less maintenance
- No waterflow controller needed - reducing circulation issues
- Built in 16lt Buffer Tank
- Intuitive Controls & Simple to use
- Easy Installation & maintenance
- Compatible with all low level heating emitters (underfloor heating, steel panel radiators, aluminium radiators, fan coils)
- Integrated Electrical back up heater
- Navistem 400S Controller - Quick Start Set Up
- Cozy Touch available allowing control of heating system from your phone
- Low Energy Consumption circulating pump
- Inverter regulation
- Twin Rotary Compressor
- Refrigerant circuit R410A
- Accessories to meet all requirements



## Alfea Excellia A.I Heat Pumps

| Description                        | Reference | List Price |
|------------------------------------|-----------|------------|
| Alféa Excellia A.I 11 Kw Split     | AH526350  | €7,096.33  |
| Alféa Excellia A.I 14 Kw Split     | AH526351  | €7,631.49  |
| Alféa Excellia A.I 11 Tri Kw Split | AH526352  | €7,096.33  |
| Alféa Excellia A.I 14 Tri Kw Split | AH526353  | €7,631.49  |
| Alféa Excellia A.I 16 Tri Kw Split | AH526354  | €8,164.66  |

### Outdoor inverter unit

- 1 Low-noise, high-output coil
- 2 Electric variable speed "Inverter" motor
- 3 "Inverter" control module
- 4 Control lights and buttons
- 5 Connection terminal blocks (power supply and interconnection)
- 6 Refrigerant accumulator bottle
- 7 Cycle reversing valve
- 8 Anti-corrosion treated metal cover
- 9 High performance exchange surface evaporator; anti-corrosion treated hydrophilic aluminium fins and grooved copper tubes
- 10 Electronic expansion valve
- 11 Noise and temperature insulated "Inverter" compressor
- 12 Refrigerating connection valves (flared connectors) with protective cover

### Indoor hydraulic module

- 1 Electric board
- 2 User interface/regulator
- 3 Pressure gauge
- 4 Low consumption circulation pump
- 5 Heating flow
- 6 Heating return
- 7 Refrigerant connections
- 8 Expansion vessel
- 9 Safety valve
- 10 Coaxial heat exchanger
- 11 Electrical back-up

## Accessories

- Duo 2 Zone Kit - incl. Pump, Pipework & Mixing Valve. This allows the underfloor and radiators to be run at a different temperature simultaneously.
- Hydraulic stand off kit for top connections
- Boiler connection kit
- A59 Navilink stat
- DHW Kit
- Electrical relay available to upgrade Electrical back up to 6kw & 9kw (on 3 phase)
- Buffer Tank 25ltr
- Buffer Tank 50ltr
- Cozy Touch Gateway

## Heat Pump Pack Price Includes

- ✓ Drain Tray
- ✓ Rubber Feet
- ✓ A59 Navilink stat
- ✓ Weather Compensation Kit
- ✓ Integrated 3kw Electric Back up Heater
- ✓ 10m of refrigerant pipe
- ✓ Commissioning

## DHW Heat Pump Cylinder

| Description                              | Reference | List Price |
|--|-----------|------------|
| Ideal Heat Pump Cylinder 180ltr          | PLUHP180  | €2,103.94  |
| Ideal Heat Pump Cylinder 210ltr          | PLUHP210  | €2,266.80  |
| Ideal Heat Pump Cylinder 250ltr          | PLUHP250  | €2,342.65  |
| Ideal Heat Pump Cylinder 300ltr          | PLUHP300  | €2,476.24  |
| Ideal Heat Pump Cylinder 400ltr          | PLUHP400  | €2,760.43  |
| Ideal Heat Pump Cylinder Slimline 180ltr | 219437    | €2,248.71  |
| Ideal Heat Pump Cylinder Slimline 210ltr | 219438    | €2,294.04  |



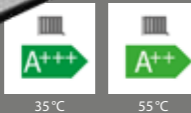


# Alfea Excellia Duo



Split air-to-water heat pump provides a high temperature solution (heating & DHW) for all projects.

8\* YEAR WARRANTY



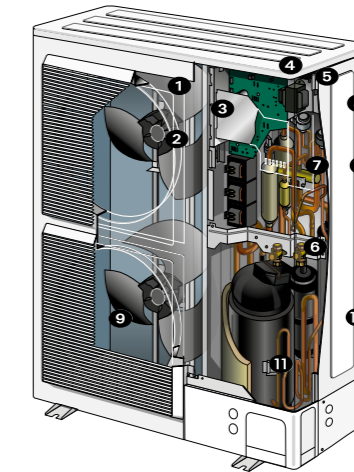
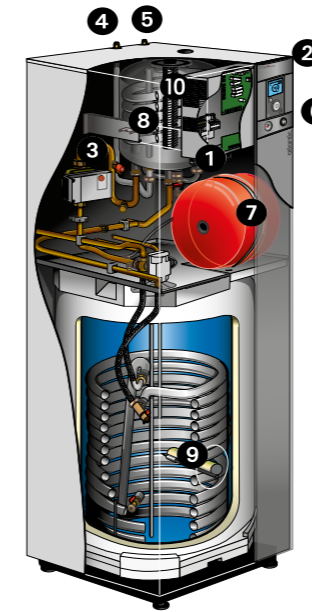
## Product Overview

- Suitable for New Builds & Renovations
- 3 Models: 11kw, 14kw & 16kw outputs
- Three phase available in 16kw
- COP: up to 4.3 (+7°C / +35°C)
- Outside working temperatures -25°C to +35°C
- High Temperature Heating up to 60°C
- NZEB Compliant
- Market Leading 8 Year Warranty
- Reliability as Standard



## Key features

- Patented Co-axial Heat Exchanger
- Robust System tolerant heat exchanger with large waterways
- No in line filter required - less maintenance
- No waterflow controller needed - reducing circulation issues
- Built in 16lt Buffer Tank
- Intuitive Controls & Simple to use
- Easy Installation & maintenance
- Compatible with all low level heating emitters (underfloor heating, steel panel radiators, aluminium radiators, fan coils)
- DHW Storage Tank Integrated 190ltr
- Integrated Electrical back up heater
- Navistem 400S Controller - Quick Start Set Up
- Cozy Touch available allowing control of heating system from your phone
- Low Energy Consumption circulating pump
- Inverter regulation
- Twin Rotary Compressor
- Refrigerant circuit R410A
- Accessories to meet all requirements



### Outdoor inverter unit

- 1 Low-noise, high-output coil
- 2 Electric variable speed "Inverter" motor
- 3 "Inverter" control module
- 4 Control lights and buttons
- 5 Connection terminal blocks (power supply and interconnection)
- 6 Refrigerant accumulator bottle
- 7 Cycle reversing valve
- 8 Anti-corrosion treated metal cover
- 9 High performance exchange surface evaporator; anti-corrosion treated hydrophilic aluminium fins and grooved copper tubes
- 10 Electronic expansion valve
- 11 Noise and temperature insulated "Inverter" compressor
- 12 Refrigerating connection valves (flared connectors) with protective cover

### Indoor hydraulic module

- 1 Electric board
- 2 User interface/regulator
- 3 Low consumption circulation pump
- 4 "Gas" refrigeration connection
- 5 "Liquid" refrigeration connection
- 6 Pressure gauge
- 7 Expansion vessel
- 8 Coaxial heat exchanger
- 9 DHW electric back-ups
- 10 Electrical back-up

## Heat Pump Pack Price Includes

- ✓ Drain Tray
- ✓ Rubber Feet
- ✓ A59 Navilink stat
- ✓ Weather Compensation Kit
- ✓ Integrated 3kw Electric Back up Heater
- ✓ 10m of refrigerant pipe
- ✓ Commissioning

## Alfea Excellia A.I DUO Heat Pumps

| Description                      | Reference | List Price |
|----------------------------------|-----------|------------|
| Alfea Excellia A.I Duo 11 Kw     | AH526355  | €8,447.87  |
| Alfea Excellia A.I Duo 14 Kw     | AH526356  | €9,006.73  |
| Alfea Excellia A.I Duo Tri 11 Kw | AH526357  | €8,447.87  |
| Alfea Excellia A.I Duo Tri 14 Kw | AH526358  | €9,006.73  |
| Alfea Excellia A.I Duo Tri 16 Kw | AH526359  | €9,476.49  |

# Alfea A.I Range Accessories

## Navilink A59



- Room temperature display
- Radio communication
- Single product allows wired or wireless installation
- Simple activation for holiday mode

## Boiler Connection



- Allows the connection of a gas or oil boiler to the Heat Pump
- Compatible with range of 2nd zone kits
- Provides system flexibility to cover all installations

## 2 Zone Kit (Single Service & Duo Unit)



- Compact 2nd zone kit for single service heat pump
- 2nd zone kit than can be fitted integral to the Duo heat pump
- Integrated low consumption circulation pump and mixer valve
- Compatible with underfloor heating, radiators and fan coils

## Buffer Tank



- Compact and versatile buffer tank option
- Wall hung installation in either vertical or horizontal position
- Available in 25 & 50 litre capacities

## Accessories for outdoor unit



White PVC floor support (x2)



Black rubber floor support (x2)



Wall bracket 560mm (with bar)



Heater for drain pan



Refrigerant pipes



Protection pipes for refrigerant pipes

# Heat Pump Accessories

## Alfea Accessories

| Description                                 | Reference | List Price |
|---|-----------|------------|
| Navilink A59 (Radio) Stat NB                | AH074232  | €91.71     |
| Cozytouch                                   | AH001231  | €168.80    |
| Kit Cooling (AI)                            | AH075328  | €51.31     |
| Electrical Relay 6kw                        | AH075327  | €25.12     |
| Domestic Hot Water Split Kit                | AH073991  | €149.71    |
| Domestic Hot Water Expansion Kit R32        | AH075122  | €228.16    |
| 2 Zone Kit for Split (kit ext card incl)    | AH570630  | €941.87    |
| 2 Zone Kit for Split Duo(kit ext card incl) | AH570629  | €614.84    |
| R32 Heat Pump Drain Tray                    | AH074049  | €260.00    |
| Boiler Connection Kit for Split             | AH073989  | €171.82    |
| Boiler Connection Kit for Split Duo         | AH073990  | €237.71    |
| Hydraulic Kit Top Connections - 1 zone duo  | AH075526  | €157.34    |
| Hydraulic Kit Top Connections - 2 Zone duo  | AH075522  | €223.02    |

## Pipe Refrigerant

| Description                             | Reference | List Price |
|---|-----------|------------|
| Refrigerant Pipe 1/2" x 1/4" x 10 Metre | 809160    | €136.70    |
| Refrigerant Pipe 1/2" x 1/4" x 20 Metre | EB1012    | €273.40    |
| Refrigerant Pipe 1/2" x 1/4" x 25 Metre | 809165    | €306.43    |
| Refrigerant Pipe 5/8" x 1/4" x 10 Metre | 809260    | €168.82    |
| Refrigerant Pipe 5/8" x 1/4" x 20 Metre | EB1013    | €337.64    |
| Refrigerant Pipe 5/8" x 1/4" x 25 Metre | 809265    | €369.58    |
| Refrigerant Pipe 5/8" x 3/8" x 10 Metre | 809570    | €186.65    |
| Refrigerant Pipe 5/8" x 3/8" x 20 Metre | EB1010    | €373.30    |
| Refrigerant Pipe 5/8" x 3/8" x 25 Metre | 809575    | €440.42    |

## Other Accessories

| Description                       | Reference | List Price |
|-----------------------------------|-----------|------------|
| Buffer Tank BT25 25 ltr           | AH700436  | €349.68    |
| Buffer Tank BT50 50 ltr           | AH700437  | €404.32    |
| Balancing Vessel RLV              | AH073957  | €607.32    |
| Wall Hung Support 560mm           | AH875033  | €44.61     |
| Kit Antivibration Support (x4)    | AH523574  | €20.91     |
| Floor Standing Support 450mm (x2) | AH809532  | €15.84     |
| Floor Standing Support Cap (x4)   | AH809540  | €7.90      |
| Rubber Floor Standing 600mm (x2)  | 11105064V | €98.83     |

# STAINLESSLITE PLUS HEAT PUMP

AVAILABLE IN 180 | 210 | 250 | 300 | 400 LITRES  
Standard and Slimline\*



**STAINLESSLITE PLUS  
HEAT PUMP NOW  
B-RATED UP TO 210L  
(standard only)**

## KEY FEATURES

- Designed for use with either air source or ground source heat pumps
- High efficiency corrugated coil maximises heat transfer to the cylinder of water
- 3kW incoloy immersion heater for emergency back-up and legionella protection
- 90° elbow and drain valve supplied as standard
- Three diameters on this range



**25  
YEAR WARRANTY**



**LIGHTEST  
CYLINDER  
ON THE  
MARKET**



**AIR OR  
GROUND  
SOURCE  
HEAT PUMPS**

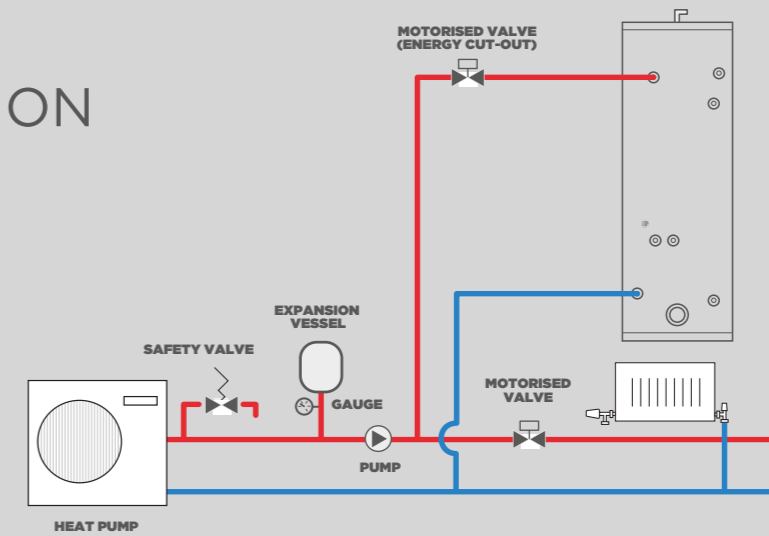


**IMMERSION  
HEATER**



**WASHING  
MACHINE  
STAND  
COMPATIBLE**

## TECHNICAL SPECIFICATION



### STAINLESSLITE PLUS HEAT PUMP

| Description                    |                | HP180IND      | HP210IND      | HP250IND     | HP300IND      | HP400IND      |
|--------------------------------|----------------|---------------|---------------|--------------|---------------|---------------|
| Product stock code             |                | PLUHP180      | PLUHP210      | PLUHP250     | PLUHP300      | PLUHP400      |
| ErP rating                     |                | B             | B             | C            | C             | C             |
| Heat up time from 15°C to 50°C | min            | 17.62 (22.56) | 17.70 (22.17) | 2.01 (27.34) | 22.97 (35.05) | 30.94 (37.48) |
| Heat loss                      | watts          | 55            | 62            | 74           | 86            | 87            |
| Heat loss (kW/24hr)            | watts          | 1.32          | 1.49          | 1.78         | 2.06          | 2.09          |
| Capacity                       | litres         | 178           | 208           | 248          | 287           | 393           |
| Height                         | mm             | 1306          | 1494          | 1744         | 1990          | 2030          |
| Diameter                       | mm             | 550           | 550           | 550          | 550           | 630           |
| Weight (empty)                 | kg             | 34            | 38            | 43           | 47            | 62            |
| Weight (full)                  | kg             | 212           | 246           | 291          | 334           | 462           |
| Surface area of HP coil        | m <sup>2</sup> | 2.5           | 3             | 3            | 3             | 4             |
| Number of immersions           |                | 1             | 1             | 1            | 1             | 1             |
| Secondary return               |                | No            | Yes           | Yes          | Yes           | Yes           |
| List Price                     |                | €2,103.94     | €2,266.80     | €2,342.65    | €2,476.24     | €2,760.43     |

### STAINLESSLITE PLUS SLIMLINE HEAT PUMP

| Description                    |                | HP180SL       | HP210SL       |
|--------------------------------|----------------|---------------|---------------|
| Product stock code             |                | 219437        | 219438        |
| ErP rating                     |                | C             | C             |
| Heat up time from 15°C to 50°C | min            | 15.75 (21.81) | 18.78 (23.68) |
| Heat loss                      | watts          | 67            | 74            |
| Heat loss (kW/24hr)            | watts          | 1.61          | 1.77          |
| Capacity                       | litres         | 183           | 202           |
| Height                         | mm             | 1791          | 1963          |
| Diameter                       | mm             | 475           | 475           |
| Weight (empty)                 | kg             | 38            | 40            |
| Weight (full)                  | kg             | 219           | 237           |
| Surface area of HP coil        | m <sup>2</sup> | 3             | 3             |
| Number of immersions           |                | 1             | 1             |
| Secondary return               |                | No            | Yes           |
| List Price                     |                | €2,248.71     | €2,294.04     |

**NOTES:** 1. For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net). 2. The schematics shown above are representational, please refer to the installation manual for full technical requirements. \*Slimline is only available in 180 and 210L. 3. Measured at 0.25 (0.42) l/s primary flow rate and at 80 (55)°C flow temperature, tested to BS EN 12897, figures in brackets show figures for HWA 002:2020 heat pump test results.

# STAINLESSLITE PLUS HEAT PUMP SOLAR

AVAILABLE IN 180 | 210 | 250 | 300 | 400 LITRES



## KEY FEATURES

- Designed for use with either air source or ground source heat pumps in addition to solar thermal panels
- High efficiency corrugated coil maximises heat transfer to the cylinder of water
- 3kW incoloy immersion heater for for legionella protection
- 90° elbow and drain valve supplied as standard



25  
YEAR WARRANTY



LIGHTEST  
CYLINDER  
ON THE  
MARKET



AIR OR  
GROUND  
SOURCE  
HEAT PUMPS

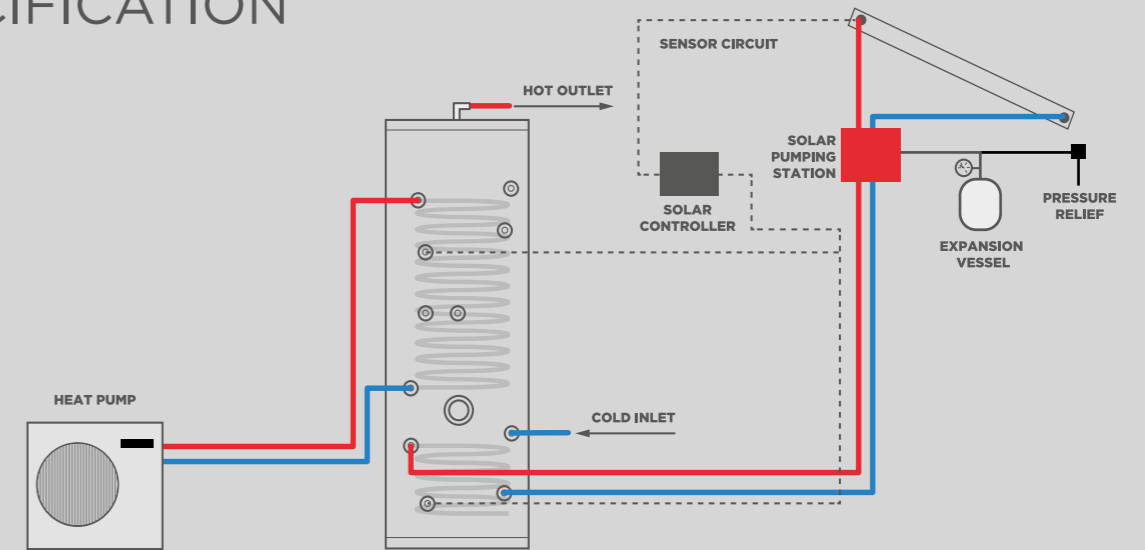


SOLAR  
THERMAL



WASHING  
MACHINE  
STAND  
COMPATIBLE

## TECHNICAL SPECIFICATION



## STAINLESSLITE HEAT PUMP SOLAR

| Description                    |                | HP180INDSOL | HP210INDSOL | HP250INDSOL | HP300INDSOL | HP400INDSOL |
|--------------------------------|----------------|-------------|-------------|-------------|-------------|-------------|
| Product stock code             |                | PLUHP180S   | PLUHP210S   | PLUHP250S   | PLUHP300S   | PLUHP400S   |
| ErP rating                     |                | B           | B           | C           | C           | C           |
| Heat up time from 15°C to 60°C | min            | 33          | 41          | 44          | 48          | 49          |
| Heat loss                      | watts          | 55          | 62          | 74          | 86          | 87          |
| Capacity                       | litres         | 178         | 208         | 248         | 287         | 393         |
| Height                         | mm             | 1306        | 1494        | 1744        | 1990        | 2030        |
| Diameter                       | mm             | 550         | 550         | 550         | 550         | 630         |
| Weight (empty)                 | kg             | 33          | 37          | 44          | 48          | 61          |
| Weight (full)                  | kg             | 211         | 245         | 292         | 335         | 461         |
| Surface area of HP coil        | m <sup>2</sup> | 1.36        | 1.56        | 1.94        | 2.04        | 2.91        |
| Dedicated solar volume         | litres         | 63.5        | 74          | 88          | 102         | 130         |
| Number of immersions           |                | 1           | 1           | 1           | 1           | 1           |
| Secondary return               |                | No          | Yes         | Yes         | Yes         | Yes         |
| List Price                     |                | €2,131.44   | €2,294.30   | €2,370.15   | €2,503.74   | €2,787.93   |

NOTES: 1. For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)  
2. The schematics shown above are representational, please refer to the installation manual for full technical requirements.3. Measured at 0.25 l/s primary flow rate and at 82°C flow temperature.

# THE ENERGY EFFICIENT RENEWABLE RANGE



## HEAT PUMP DUO EXPLAINED

### PRIMARY BENEFITS OF USING A DUO BUFFER TANK?

- Reduced space requirements for internal plant, when compared to a separate buffer installation
- Reduced installation time
- Always provides sufficient system volume for the heat pump's defrost function
- Enables system decoupling between the heat pump and heating system: thus, allowing multiple heating zones to be operated
- Acts as an energy store, enabling faster response times when heating zones are calling
- Compact and tidy solution for medium to larger homes

### WHAT IS THE GLEDHILL HEAT PUMP DUO?

The Gledhill Heat Pump Duo is a 2 in 1 hot water cylinder that features a built-in 70L buffer tank. The buffer stores the heat generated by the heat pump and removes the need for an external buffer tank while maintaining just one footprint. The primary heated water is diverted to either the buffer tank for heating demand or the DHW cylinder coil for domestic hot water demand via a 3-port valve. The "fresh" water within the unvented cylinder is supplied directly from the mains cold, and therefore never mixes with the system water.



## HOW DOES THE GLEDHILL HEAT PUMP DUO WORK?

A heat pump is designed to generate and provide constant heat, sourcing energy from either the air, ground or water. During the heating season when heat loss within a house is at its peak, a heat pump will run efficiently to provide heat to both the heat pump duo cylinder and the built-in buffer tank. With the addition of the 70L buffer tank, the heating controls can call for the heat pump duo cylinder to circulate the energy within the buffer around the heating distribution system, allowing for optimum user comfort.

## SEASONAL ADJUSTMENTS

Throughout the warmer times of the year, the heat loss within a home is reduced and as a result, the heat pump isn't required to work as hard as it would through the Winter to provide heating comfort. During the Spring and Autumn the heat pump will operate at a lower power output, while maintaining the same comfort and indoor temperature as experienced during the Winter. Intelligent weather compensation and smart controls, in synergy with the integral buffer tank, ensure that the heat pump components are protected against the effect of cycling.

## HEAT PUMP DEFROST FUNCTION

In addition to storing energy for distribution, the buffer maintains an energy bank, that enables an efficient defrost function to be called by the heat pump. This is achieved by increasing the available system volume by 70 litres. Heat pump manufacturers will state a minimum system volume requirement in the literature.

## HOW TO CHOOSE THE CORRECT HOT WATER CYLINDER SIZE

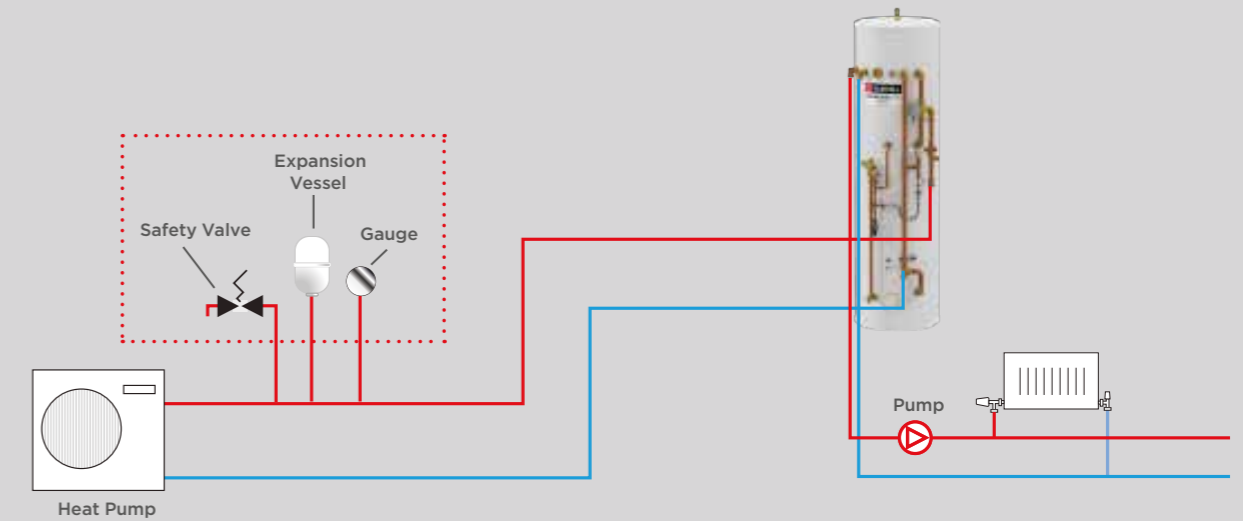
| Property Size | Bathrooms | Heat Pump Litre Requirement | Standard Cylinder (L) | Heat Pump Cylinder (L) |
|---------------|-----------|-----------------------------|-----------------------|------------------------|
| 1 Bedroom     | 1         | 90                          | 90 - 120              | 180                    |
| 2 Bedroom     | 1         | 135                         | 120 - 150             | 180                    |
| 3 Bedroom     | 1         | 180                         | 150 - 180             | 180                    |
| 3 Bedroom     | 2         | 180                         | 180 - 210             | 210                    |
| 4 Bedroom     | 2         | 225                         | 210 - 250             | 250                    |
| 5 Bedroom     | 2         | 270                         | 210 - 250             | 300                    |
| 6 Bedroom     | 3         | 315-400                     | 300 - 400             | 300 - 400              |



# STAINLESSLITE PLUS HEAT PUMP DUO

AVAILABLE IN 200/70 | 300/70 LITRES  
Partially and Fully Pre-Plumbed

## TECHNICAL SPECIFICATION



## STAINLESSLITE HEAT PUMP DUO

| Description                         |                | DUO 200       | DUO 200 PrePlumbed | DUO 300       | DUO 300 PrePlumbed |
|-------------------------------------|----------------|---------------|--------------------|---------------|--------------------|
| Product stock code                  |                | PLUHP200DUO   | PLUHP200DUOPP      | PLUHP300DUO   | PLUHP300DUOPP      |
| ErP rating                          |                | C             | C                  | C             | C                  |
| Heat up time from 15°C to 50°C      | min            | 15.74 (27.34) | 22.97 (35.05)      | 15.74 (27.34) | 22.97 (35.05)      |
| Heat loss                           | watts          | 93            | 93                 | 104           | 104                |
|                                     | kWh/24hr       | 2.22          | 2.22               | 2.51          | 2.51               |
| Capacity - cylinder/buffer          | litres         | 200/70        | 200/70             | 300/70        | 300/70             |
| Height                              | mm             | 1992          | 1992               | 2030          | 2030               |
| Diameter                            | mm             | 550           | 550                | 630           | 630                |
| Weight (empty)                      | kg             | 51            | 56                 | 64            | 69                 |
| Weight (full)                       | kg             | 321           | 326                | 436           | 441                |
| Primary heat exchanger surface area | m <sup>2</sup> | 3             | 3                  | 3             | 3                  |
| Number of immersions                |                | 1             | 1                  | 1             | 1                  |
| Secondary return                    |                | Yes           | Yes                | Yes           | Yes                |
| List Price                          |                | €4,187.66     | €4,775.53          | €5,034.96     | €5,671.38          |

**NOTES:** 1 For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)  
2 The schematics shown above are representational, please refer to the installation manual for full technical requirements. 3. Measured at 0.25 (0.42) l/s primary flow rate and at 80 (55)°C flow temperature, tested to BS EN 12897, figures in brackets show figures for HWA 002:2020 heat pump test results.

# HP290 MONOBLOC AIR SOURCE HEAT PUMP.



The HP290 Monobloc Air Source heat pump offers a low-GWP refrigerant with high efficiencies. The HP290 can provide efficient heating and hot water throughout the year by utilising our pre-plumbed and pre-wired cylinder. The system offers our users an aesthetically pleasing heating solution and when paired with Halo Lite RF, a great user experience.

## KEY FEATURES



Designed for the Irish climate



364 days a year customer service



Low GWP R290 Refrigerant



SCOP rating over 500%\*



Hot water in sunshine, rain, ice and snow



Temperatures up to 75°C



# ideal

## HEATING

## Radiator Collection

# OUR RADIATORS AT A GLANCE



Ideal Compact



Ideal Compact K3



Ideal Silhouette



Ideal Silhouette Concept



Ideal Deco



Ideal Deco Concept



Ideal Plan



Ideal Plan Concept



Ideal Column Horizontal



Ideal Column Vertical



Ideal Column Horizontal Concept



Ideal Column Vertical Concept



Ideal Cast Iron Column



Ideal Compact Vertical



Ideal Deco Vertical



Ideal Plan Vertical



Ideal Deco Vertical Concept



Ideal Plan Vertical Concept



Ideal Concord Plane



Ideal Concord Vertical



Ideal Concord Slimline



Ideal Concord Vertical Concept



Ideal Concord Slimline Concept



Ideal Classic Towel Rail



Ideal Heavy Duty Deco



Ideal Heavy Duty Planar



Ideal LST Standard



Ideal LST i Plus



Ideal LST Plus Vertical



Ideal LST i Plus Xtra Protection



## TEMPERATURE TABLE

For systems not operating at  $\Delta t_{50}$  the factors in the table below should be applied. The output of a given radiator can be obtained by multiplying the quoted  $\Delta t_{50}$  output by the operating factor. Conversely, to derive a non  $\Delta t_{50}$  output, divide the heat output required by the relevant operation factor. This ' $\Delta t_{50}$  equivalent output' can then be used to select a radiator from the standard tables.

| $\Delta t$ | $^{\circ}\text{C}$<br>Operating Factor |
|------------|--|
| 20         | 0.304                                  |
| 25         | 0.406                                  |
| 30         | 0.515                                  |
| 35         | 0.629                                  |
| 40         | 0.748                                  |
| 45         | 0.872                                  |
| 50         | 1.000                                  |
| 55         | 1.132                                  |
| 60         | 1.267                                  |
| 65         | 1.406                                  |

The corrections factors are calculated using an average n-coefficient of 1.3





# IDEAL COMPACT

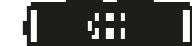
**50 Δt**

(75/65/20°C)

K1



K2



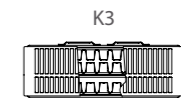
| Height mm  | Length mm  | Ideal UIN | Heat output |         | List price | Ideal UIN | Heat output |         | List price |
|------------|------------|-----------|-------------|---------|------------|-----------|-------------|---------|------------|
|            |            |           | Watts       | Btu/hr  |            |           | Watts       | Btu/hr  |            |
| <b>300</b> | 500        | 43301105  | 255         | 870     | €48.64     | 43302205  | 491         | 1676    | €80.00     |
|            | 600        | -         | -           | -       | -          | 43302206  | 589         | 2010    | €92.47     |
|            | 800        | -         | -           | -       | -          | 43302208  | 786         | 2682    | €162.24    |
|            | 1000       | 43301110  | 509         | 1737    | €77.31     | 43302210  | 982         | 3352    | €136.25    |
|            | 1200       | -         | -           | -       | -          | 43302212  | 1178        | 4019    | €162.24    |
|            | 1400       | -         | -           | -       | -          | 43302214  | 1375        | 4692    | €184.26    |
|            | 1500       | 43301115  | 764         | 2607    | €100.57    | 43302215  | 1473        | 5027    | €185.05    |
|            | 1600       | -         | -           | -       | -          | 43302216  | 1571        | 5360    | €205.56    |
|            | 1800       | -         | -           | -       | -          | 43302218  | 1768        | 6032    | €214.54    |
|            | 2000       | 43301120  | 1018        | 3473    | €127.86    | 43302220  | 1964        | 6703    | €250.21    |
|            | 2500       | -         | -           | -       | -          | 43302225  | 2455        | 8379    | €296.75    |
| 3000       | -          | -         | -           | -       | 43302230   | 2946      | 10055       | €374.92 |            |
| <b>400</b> | 400        | -         | -           | -       | -          | 44402204  | 498         | 1699    | €66.51     |
|            | 500        | -         | -           | -       | -          | 44402205  | 623         | 2126    | €81.51     |
|            | 600        | -         | -           | -       | -          | 44402206  | 747         | 2549    | €93.88     |
|            | 700        | -         | -           | -       | -          | 44402207  | 872         | 2975    | €103.79    |
|            | 800        | -         | -           | -       | -          | 44402208  | 996         | 3398    | €113.64    |
|            | 900        | -         | -           | -       | -          | 44402209  | 1121        | 3825    | €124.49    |
|            | 1000       | -         | -           | -       | -          | 44402210  | 1245        | 4248    | €136.04    |
|            | 1100       | -         | -           | -       | -          | 44402211  | 1370        | 4674    | €148.45    |
|            | 1200       | -         | -           | -       | -          | 44402212  | 1494        | 5098    | €161.18    |
|            | 1400       | -         | -           | -       | -          | 44402214  | 1743        | 5947    | €182.19    |
|            | 1600       | -         | -           | -       | -          | 44402216  | 1992        | 6797    | €202.42    |
| 1800       | -          | -         | -           | -       | 44402218   | 2241      | 7646        | €223.27 |            |
| 2000       | -          | -         | -           | -       | 44402220   | 2490      | 8496        | €240.80 |            |
| <b>500</b> | 400        | 43501104  | 333         | 1137    | €53.53     | 43502204  | 605         | 2065    | €85.39     |
|            | 500        | 43501105  | 416         | 1421    | €64.16     | 43502205  | 757         | 2581    | €104.60    |
|            | 600        | 43501106  | 500         | 1705    | €70.44     | 43502206  | 908         | 3097    | €120.69    |
|            | 700        | 43501107  | 583         | 1990    | €80.22     | 43502207  | 1059        | 3614    | €133.52    |
|            | 800        | 43501108  | 666         | 2274    | €87.12     | 43502208  | 1210        | 4130    | €146.06    |
|            | 900        | 43501109  | 749         | 2558    | €94.46     | 43502209  | 1362        | 4646    | €160.08    |
|            | 1000       | 43501110  | 833         | 2842    | €101.50    | 43502210  | 1513        | 5162    | €174.87    |
|            | 1100       | 43501111  | 916         | 3126    | €109.83    | 43502211  | 1664        | 5679    | €190.85    |
|            | 1200       | 43501112  | 999         | 3411    | €116.72    | 43502212  | 1816        | 6195    | €207.21    |
|            | 1300       | 43501113  | 1083        | 3695    | €125.86    | 43502213  | 1967        | 6711    | €221.74    |
|            | 1400       | 43501114  | 1166        | 3979    | €132.16    | 43502214  | 2118        | 7227    | €234.16    |
| 1500       | 43501115   | 1249      | 4263        | €138.18 | 43502215   | 2270      | 7744        | €248.85 |            |
| 1600       | 43501116   | 1332      | 4548        | €144.19 | 43502216   | 2421      | 8260        | €260.34 |            |
| 1800       | 43501118   | 1499      | 5116        | €159.37 | 43502218   | 2723      | 9292        | €287.08 |            |
| 2000       | 43501120   | 1666      | 5684        | €173.42 | 43502220   | 3026      | 10325       | €309.52 |            |
| <b>600</b> | 300        | 43601103  | 294         | 1003    | €103.29    | 43602203  | 520         | 1774    | €131.42    |
|            | 400        | 43601104  | 392         | 1338    | €64.74     | 43602204  | 699         | 2384    | €101.15    |
|            | 500        | 43601105  | 490         | 1672    | €72.48     | 43602205  | 874         | 2980    | €120.25    |
|            | 600        | 43601106  | 588         | 2006    | €80.58     | 43602206  | 1048        | 3576    | €138.98    |
|            | 700        | 43601107  | 686         | 2341    | €89.29     | 43602207  | 1223        | 4173    | €155.04    |
|            | 800        | 43601108  | 784         | 2675    | €97.36     | 43602208  | 1398        | 4769    | €175.05    |
|            | 900        | 43601109  | 882         | 3009    | €105.55    | 43602209  | 1572        | 5365    | €185.96    |
|            | 1000       | 43601110  | 980         | 3344    | €114.14    | 43602210  | 1747        | 5961    | €207.95    |
|            | 1100       | 43601111  | 1078        | 3678    | €121.06    | 43602211  | 1922        | 6557    | €228.50    |
|            | 1200       | 43601112  | 1176        | 4013    | €128.52    | 43602212  | 2096        | 7153    | €242.38    |
|            | 1400       | 43601114  | 1372        | 4681    | €145.67    | 43602214  | 2446        | 8345    | €269.89    |
| 1600       | 43601116   | 1568      | 5350        | €165.07 | 43602216   | 2795      | 9537        | €288.64 |            |
| 1800       | 43601118   | 1764      | 6019        | €185.02 | 43602218   | 3145      | 10729       | €319.36 |            |
| 2000       | 43601120   | 1960      | 6688        | €203.84 | 43602220   | 3494      | 11922       | €352.54 |            |
| <b>700</b> | 400        | 43701104  | 447         | 1525    | €74.97     | 43702204  | 784         | 2676    | €108.96    |
|            | 600        | 43701106  | 670         | 2286    | €97.49     | 43702206  | 1177        | 4017    | €146.74    |
|            | 800        | 43701108  | 894         | 3050    | €119.60    | 43702208  | 1569        | 5355    | €190.52    |
|            | 1000       | 43701110  | 1117        | 3811    | €143.84    | 43702210  | 1961        | 6693    | €226.92    |
|            | 1100       | -         | -           | -       | -          | 43702211  | 2157        | 7362    | €247.25    |
|            | 1200       | 43701112  | 1340        | 4572    | €160.44    | 43702212  | 2353        | 8031    | €257.60    |
|            | 1400       | 43701114  | 1564        | 5336    | €179.05    | 43702214  | 2745        | 9369    | €291.21    |
|            | 1600       | 43701116  | 1787        | 6097    | €202.81    | 43702216  | 3138        | 10710   | €326.90    |
|            | 1800       | 43701118  | 2011        | 6862    | €227.83    | 43702218  | 3530        | 12048   | €362.52    |
|            | 2000       | 43701120  | 2234        | 7622    | €253.16    | 43702220  | 3922        | 13386   | €394.39    |
|            | <b>900</b> | 400       | 43901104    | 544     | 1856       | €161.48   | 43902204    | 958     | 3269       |
| 500        |            | 43901105  | 680         | 2320    | €177.88    | 43902205  | 1198        | 4088    | €307.36    |
| 600        |            | 43901106  | 816         | 2784    | €207.65    | 43902206  | 1437        | 4903    | €361.07    |
| 700        |            | 43901107  | 952         | 3248    | €230.21    | 43902207  | 1677        | 5722    | €395.61    |
| 800        |            | 43901108  | 1088        | 3712    | €254.81    | 43902208  | 1916        | 6537    | €433.42    |
| 900        |            | 43901109  | 1224        | 4176    | €270.68    | 43902209  | 2156        | 7356    | €487.60    |
| 1000       |            | 43901110  | 1360        | 4640    | €300.59    | 43902210  | 2395        | 8172    | €541.75    |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).

# IDEAL COMPACT K3

**50 Δt**

(75/65/20°C)



| Height mm  | Length mm | Sections | Ideal UIN | Heat output |           | List price |
|------------|-----------|----------|-----------|-------------|-----------|------------|
|            |           |          |           | Watts       | Btu/hr    |            |
| <b>300</b> | 1000      | 30       | 43303310  | 1349        | 4603      | €316.84    |
|            | 2000      | 60       | 43303320  | 2698        | 9206      | €559.55    |
| <b>500</b> | 600       | 18       | 43503306  | 1234        | 4210      | €284.14    |
|            | 700       | 21       | 43503307  | 1439        | 4910      | €307.31    |
|            | 800       | 24       | 43503308  | 1645        | 5613      | €330.30    |
|            | 900       | 27       | 43503309  | 1850        | 6312      | €353.04    |
|            | 1000      | 30       | 43503310  | 2056        | 7015      | €376.75    |
|            | 1100      | 33       | 43503311  | 2262        | 7718      | €426.30    |
|            | 1200      | 36       | 43503312  | 2467        | 8417      | €457.77    |
|            | 1400      | 42       | 43503314  | 2878        | 9820      | €536.60    |
|            | 1600      | 48       | 43503316  | 3290        | 11225     | €595.57    |
|            | 1800      | 54       | 43503318  | 3701        | 12628     | €668.13    |
|            | 2000      | 60       | 43503320  | 4112        | 14030     | €739.34    |
|            | 2400      | 72       | 43503324  | 4934        | 16835     | €1,246.27  |
| <b>600</b> | 400       | 12       | 43603304  | 956         | 3262      | €241.62    |
|            | 500       | 15       | 43603305  | 1195        | 4077      | €280.07    |
|            | 600       | 18       | 43603306  | 1433        | 4889      | €314.11    |
|            | 700       | 21       | 43603307  | 1672        | 5705      | €336.91    |
|            | 800       | 24       | 43603308  | 1911        | 6520      | €370.32    |
|            | 900       | 27       | 43603309  | 2150        | 7336      | €393.42    |
|            | 1000      | 30       | 43603310  | 2389        | 8151      | €417.08    |
|            | 1100      | 33       | 43603311  | 2628        | 8967      | €441.74    |
|            | 1200      | 36       | 43603312  | 2867        | 9782      | €479.86    |
|            | 1400      | 42       | 43603314  | 3345        | 11413     | €559.76    |
|            | 1600      | 48       | 43603316  | 3822        | 13041     | €640.29    |
|            | 1800      | 54       | 43603318  | 4300        | 14672     | €722.56    |
| 2000       | 60        | 43603320 | 4778      | 16303       | €842.35   |            |
| 2400       | 72        | 43603324 | 5734      | 19564       | €1,360.12 |            |
| <b>700</b> | 500       | 15       | 43703305  | 1356        | 4627      | €316.84    |
|            | 600       | 18       | 43703306  | 1627        | 5551      | €331.60    |
|            | 700       | 21       | 43703307  | 1898        | 6476      | €367.15    |
|            | 800       | 24       | 43703308  | 2170        | 7404      | €405.64    |
|            | 900       | 27       | 43703309  | 2441        | 8329      | €429.35    |
|            | 1000      | 30       | 43703310  | 2712        | 9253      | €456.64    |
|            | 1100      | 33       | 43703311  | 2983        | 10178     | €484.69    |
|            | 1200      | 36       | 43703312  | 3254        | 11103     | €519.70    |
|            | 1400      | 42       | 43703314  | 3797        | 12955     | €600.88    |
|            | 1600      | 48       | 43703316  | 4339        | 14805     | €1,107.62  |
|            | 1800      | 54       | 43703318  | 4882        | 16657     | €766.80    |
|            | 2000      | 60       | 43703320  | 5424        | 18507     | €903.62    |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).



# IDEAL SILHOUETTE

**50 Δt**

(75/65/20°C)



| Height mm  | Length mm   | Ideal UIN   | K1                |                    |             | K2                |                    |            |         |
|------------|-------------|-------------|-------------------|--------------------|-------------|-------------------|--------------------|------------|---------|
|            |             |             | Heat output Watts | Heat output Btu/hr | List price  | Heat output Watts | Heat output Btu/hr | List price |         |
| <b>300</b> | 500         | 92301105IED | 235               | 802                | €99.76      | 92302205IED       | 449                | 1532       | €148.66 |
|            | 1000        | 92301110IED | 470               | 1604               | €162.73     | 92302210IED       | 898                | 3064       | €258.67 |
|            | 1500        | 92301115IED | 705               | 2405               | €231.48     | 92302215IED       | 1347               | 4596       | €397.48 |
| <b>450</b> | 400         | 92451104IED | 272               | 928                | €101.81     | 92452204IED       | 509                | 1737       | €161.81 |
|            | 600         | 92451106IED | 409               | 1396               | €118.81     | 92452206IED       | 764                | 2607       | €208.02 |
|            | 700         | 92451107IED | 477               | 1628               | €139.14     | 92452207IED       | 891                | 3040       | €225.03 |
|            | 800         | 92451108IED | 545               | 1860               | €158.40     | 92452208IED       | 1018               | 3473       | €240.35 |
|            | 900         | 92451109IED | 613               | 2092               | €178.88     | 92452209IED       | 1145               | 3909       | €259.82 |
|            | 1000        | 92451110IED | 681               | 2324               | €197.99     | 92452210IED       | 1273               | 4343       | €277.35 |
|            | 1100        | 92451111IED | 749               | 2556               | €218.59     | 92452211IED       | 1400               | 4779       | €306.23 |
|            | 1200        | 92451112IED | 817               | 2788               | €237.56     | 92452212IED       | 1528               | 5214       | €332.84 |
|            | 1400        | 92451114IED | 953               | 3252               | €277.18     | 92452214IED       | 1782               | 6080       | €428.72 |
|            | 1600        | 92451116IED | 1090              | 3719               | €316.77     | 92452216IED       | 2037               | 6950       | €489.94 |
| <b>600</b> | 1800        | 92451118IED | 1226              | 4183               | €386.89     | 92452218IED       | 2291               | 7817       | €551.24 |
|            | 400         | 92601104IED | 348               | 1187               | €111.04     | 92602204IED       | 640                | 2184       | €176.49 |
|            | 600         | 92601106IED | 522               | 1781               | €129.61     | 92602206IED       | 961                | 3279       | €226.89 |
|            | 700         | 92601107IED | 609               | 2078               | €151.76     | 92602207IED       | 1121               | 3825       | €245.48 |
|            | 800         | 92601108IED | 696               | 2375               | €172.78     | 92602208IED       | 1281               | 4371       | €262.24 |
|            | 900         | 92601109IED | 783               | 2672               | €195.12     | 92602209IED       | 1441               | 4917       | €283.47 |
|            | 1000        | 92601110IED | 870               | 2968               | €216.01     | 92602210IED       | 1601               | 5463       | €302.59 |
|            | 1100        | 92601111IED | 957               | 3265               | €238.48     | 92602211IED       | 1761               | 6009       | €334.06 |
|            | 1200        | 92601112IED | 1044              | 3562               | €259.14     | 92602212IED       | 1921               | 6554       | €363.06 |
|            | 1400        | 92601114IED | 1218              | 4156               | €302.39     | 92602214IED       | 2241               | 7646       | €467.71 |
|            | 1600        | 92601116IED | 1392              | 4750               | €345.62     | 92602216IED       | 2562               | 8742       | €534.52 |
|            | 1800        | 92601118IED | 1566              | 5343               | €422.07     | 92602218IED       | 2882               | 9833       | €601.29 |
| 2000       | 92601120IED | 1740        | 5937              | €432.94            | 92602220IED | 3202              | 10925              | €920.26    |         |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).





## IDEAL SILHOUETTE CONCEPT

**50** Δt

(75/65/20°C)



| Height<br>mm | Length<br>mm | Ideal<br>UIN | Heat output |        | List<br>price | Ideal<br>UIN | Heat output |        | List<br>price |
|--------------|--------------|--------------|-------------|--------|---------------|--------------|-------------|--------|---------------|
|              |              |              | Watts       | Btu/hr |               |              | Watts       | Btu/hr |               |
| <b>600</b>   | 400          | 51601104IED  | 348         | 1187   | €343.85       | 51602204IED  | 640         | 2184   | €415.22       |
|              | 600          | 51601106IED  | 522         | 1781   | €364.12       | 51602206IED  | 961         | 3279   | €470.14       |
|              | 700          | 51601107IED  | 609         | 2078   | €387.62       | 51602207IED  | 1121        | 3825   | €489.37       |
|              | 800          | 51601108IED  | 696         | 2375   | €411.12       | 51602208IED  | 1281        | 4371   | €508.64       |
|              | 900          | 51601109IED  | 783         | 2672   | €434.67       | 51602209IED  | 1441        | 4917   | €530.62       |
|              | 1000         | 51601110IED  | 870         | 2968   | €458.20       | 51602210IED  | 1601        | 5463   | €552.60       |
|              | 1100         | 51601111IED  | 957         | 3265   | €481.75       | 51602211IED  | 1761        | 6009   | €585.53       |
|              | 1200         | 51601112IED  | 1044        | 3562   | €505.31       | 51602212IED  | 1921        | 6554   | €618.50       |
|              | 1400         | 51601114IED  | 1218        | 4156   | €552.39       | 51602214IED  | 2241        | 7646   | €732.60       |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).





# IDEAL DECO

**50 Δt**

(75/65/20°C)



| Height mm  | Length mm   | Ideal UIN   | Heat output |         | List price  | Ideal UIN   | Heat output |         | List price |
|------------|-------------|-------------|-------------|---------|-------------|-------------|-------------|---------|------------|
|            |             |             | Watts       | Btu/hr  |             |             | Watts       | Btu/hr  |            |
| <b>300</b> | 500         | 82301105IED | 235         | 802     | €98.86      | 82302205IED | 449         | 1532    | €147.36    |
|            | 1000        | 82301110IED | 469         | 1601    | €161.31     | 82302210IED | 898         | 3064    | €256.40    |
|            | 1500        | 82301115IED | 704         | 2401    | €229.46     | 82302215IED | 1347        | 4596    | €393.96    |
| <b>450</b> | 400         | 82451104IED | 272         | 928     | €100.92     | 82452204IED | 509         | 1737    | €160.34    |
|            | 600         | 82451106IED | 409         | 1396    | €117.77     | 82452206IED | 764         | 2607    | €206.17    |
|            | 700         | 82451107IED | 477         | 1628    | €149.99     | 82452206IED | 764         | 2607    | €227.35    |
|            | 800         | 82451108IED | 545         | 1860    | €157.00     | 82452208IED | 1018        | 3474    | €238.21    |
|            | 900         | 82451109IED | 613         | 2092    | €192.84     | 82452206IED | 764         | 2607    | €261.01    |
|            | 1000        | 82451110IED | 681         | 2324    | €196.22     | 82452210IED | 1273        | 4344    | €274.87    |
|            | 1100        | 82451111IED | 749         | 2556    | €233.54     | 82452206IED | 764         | 2607    | €310.35    |
|            | 1200        | 82451112IED | 817         | 2788    | €235.45     | 82452212IED | 1528        | 5214    | €329.88    |
|            | 1400        | 82451114IED | 953         | 3252    | €274.75     | 82452214IED | 1782        | 6080    | €424.92    |
|            | 1600        | 82451116IED | 1090        | 3719    | €314.00     | 82452216IED | 2037        | 6951    | €485.61    |
| <b>600</b> | 1800        | 82451118IED | 1226        | 4183    | €383.51     | 82452218IED | 2291        | 7817    | €546.37    |
|            | 400         | 82601104IED | 348         | 1188    | €110.06     | 82302205IED | 640         | 2184    | €174.93    |
|            | 600         | 82601106IED | 522         | 1782    | €128.48     | 82302210IED | 961         | 3280    | €224.89    |
|            | 700         | 82601107IED | 609         | 2078    | €153.80     | 82302215IED | 1121        | 3825    | €255.52    |
|            | 800         | 82601108IED | 696         | 2375    | €171.26     | 82452204IED | 1281        | 4372    | €259.92    |
|            | 900         | 82601109IED | 783         | 2672    | €196.50     | 82452206IED | 1441        | 4917    | €295.09    |
|            | 1000        | 82601110IED | 870         | 2969    | €214.07     | 82452207IED | 1601        | 5464    | €299.89    |
|            | 1100        | 82601111IED | 957         | 3265    | €239.80     | 82452208IED | 1761        | 6009    | €348.77    |
|            | 1200        | 82601112IED | 1044        | 3563    | €256.87     | 82452209IED | 1921        | 6556    | €359.86    |
|            | 1400        | 82601114IED | 1218        | 4157    | €299.71     | 82452210IED | 2242        | 7649    | €463.59    |
|            | 1600        | 82601116IED | 1392        | 4751    | €342.55     | 82452211IED | 2563        | 8744    | €529.78    |
| 1800       | 82601118IED | 1566        | 5345        | €418.33 | 82452212IED | 2883        | 9836        | €595.98 |            |
| 2000       | 82601120IED | 1740        | 5939        | €429.12 | 82452214IED | 3203        | 10928       | €912.16 |            |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).





## IDEAL DECO CONCEPT

**50  $\Delta t$**

(75/65/20°C)



| Height mm  | Length mm | Ideal UIN   | K1                |                    |            | K2                |                    |            |         |
|------------|-----------|-------------|-------------------|--------------------|------------|-------------------|--------------------|------------|---------|
|            |           |             | Heat output Watts | Heat output Btu/hr | List price | Heat output Watts | Heat output Btu/hr | List price |         |
| <b>600</b> | 400       | 22601104IED | 348               | 1187               | €317.16    | 22602204IED       | 640                | 2184       | €382.96 |
|            | 600       | 22601106IED | 522               | 1781               | €335.81    | 22602206IED       | 961                | 3279       | €433.63 |
|            | 700       | 22601107IED | 609               | 2078               | €358.76    | 22602207IED       | 1121               | 3825       | €453.43 |
|            | 800       | 22601108IED | 696               | 2375               | €379.20    | 22602208IED       | 1281               | 4371       | €469.13 |
|            | 900       | 22601109IED | 783               | 2672               | €404.17    | 22602209IED       | 1441               | 4917       | €490.34 |
|            | 1000      | 22601110IED | 870               | 2968               | €422.63    | 22602210IED       | 1601               | 5463       | €509.69 |
|            | 1100      | 22601111IED | 957               | 3265               | €445.39    | 22602211IED       | 1761               | 6009       | €544.82 |
|            | 1200      | 22601112IED | 1044              | 3562               | €466.07    | 22602212IED       | 1921               | 6554       | €570.46 |
|            | 1400      | 22601114IED | 1218              | 4156               | €509.47    | 22602214IED       | 2241               | 7646       | €675.69 |

$\Delta t50$  is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider  $\Delta t40$  or  $\Delta t30$  output (see your installer or system designer).





# IDEAL PLAN

## 50 Δt

(75/65/20°C)



| Height mm  | Length mm | Ideal UIN   | Heat output |        | List price | Ideal UIN   | Heat output |        | List price |
|------------|-----------|-------------|-------------|--------|------------|-------------|-------------|--------|------------|
|            |           |             | Watts       | Btu/hr |            |             | Watts       | Btu/hr |            |
| <b>300</b> | 500       | 81301105IED | 235         | 802    | €102.36    | 81302205IED | 465         | 1587   | €152.54    |
|            | 1000      | 81301110IED | 469         | 1601   | €166.98    | 81302210IED | 929         | 3171   | €265.42    |
|            | 1500      | 81301115IED | 704         | 2401   | €237.53    | 81302215IED | 1394        | 4756   | €407.86    |
| <b>450</b> | 400       | 81451104IED | 280         | 955    | €104.48    | 81452204IED | 518         | 1767   | €166.04    |
|            | 600       | 81451106IED | 421         | 1437   | €121.92    | 81452206IED | 778         | 2655   | €213.44    |
|            | 800       | 81451108IED | 561         | 1914   | €162.54    | 81452208IED | 1037        | 3538   | €246.62    |
|            | 1000      | 81451110IED | 701         | 2392   | €203.16    | 81452210IED | 1296        | 4422   | €284.59    |
|            | 1200      | 81451112IED | 841         | 2870   | €243.77    | 81452212IED | 1555        | 5306   | €341.53    |
|            | 1400      | 81451114IED | 981         | 3347   | €284.42    | 81452214IED | 1814        | 6190   | €439.91    |
|            | 1600      | 81451116IED | 1122        | 3828   | €325.05    | 81452216IED | 2074        | 7077   | €502.74    |
|            | 1800      | 81451118IED | 1262        | 4306   | €397.01    | 81452218IED | 2333        | 7961   | €565.64    |
| <b>600</b> | 400       | 81601104IED | 364         | 1242   | €113.95    | 81602204IED | 654         | 2231   | €181.10    |
|            | 600       | 81601106IED | 547         | 1866   | €133.00    | 81602206IED | 980         | 3344   | €232.82    |
|            | 800       | 81601108IED | 729         | 2487   | €177.29    | 81602208IED | 1307        | 4459   | €269.08    |
|            | 1000      | 81601110IED | 911         | 3108   | €221.64    | 81602210IED | 1634        | 5575   | €310.50    |
|            | 1200      | 81601112IED | 1093        | 3729   | €265.91    | 81602212IED | 1961        | 6691   | €372.55    |
|            | 1400      | 81601114IED | 1275        | 4350   | €310.30    | 81602214IED | 2288        | 7807   | €479.93    |
|            | 1600      | 81601116IED | 1458        | 4975   | €354.65    | 81602216IED | 2614        | 8919   | €548.48    |
|            | 1800      | 81601118IED | 1640        | 5596   | €433.09    | 81602218IED | 2941        | 10035  | €617.00    |
|            | 2000      | 81601120IED | 1822        | 6217   | €444.24    | 81602220IED | 3268        | 11150  | €944.30    |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).

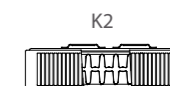




## IDEAL PLAN CONCEPT

**50  $\Delta t$**

(75/65/20°C)



| Height<br>mm | Length<br>mm | Ideal<br>UIN | Heat output |        | List<br>price | Ideal<br>UIN | Heat output |        | List<br>price |
|--------------|--------------|--------------|-------------|--------|---------------|--------------|-------------|--------|---------------|
|              |              |              | Watts       | Btu/hr |               |              | Watts       | Btu/hr |               |
| <b>600</b>   | 400          | 21601104IED  | 364         | 1242   | €346.25       | 21602204IED  | 654         | 2231   | €418.11       |
|              | 600          | 21601106IED  | 547         | 1866   | €366.65       | 21602206IED  | 980         | 3344   | €473.40       |
|              | 800          | 21601108IED  | 729         | 2487   | €413.97       | 21602208IED  | 1307        | 4459   | €512.17       |
|              | 1000         | 21601110IED  | 911         | 3108   | €461.38       | 21602210IED  | 1634        | 5575   | €556.45       |
|              | 1200         | 21601112IED  | 1093        | 3729   | €508.82       | 21602212IED  | 1961        | 6691   | €622.80       |
|              | 1400         | 21601114IED  | 1275        | 4350   | €556.23       | 21602214IED  | 2288        | 7807   | €737.68       |

$\Delta t50$  is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider  $\Delta t40$  or  $\Delta t30$  output (see your installer or system designer).





# IDEAL COLUMN HORIZONTAL

**50 Δt**

(75/65/20°C)

2 COLUMN

| Height mm  | Length mm | Ideal UIN | Heat output Watts | Btu/h | List price |
|------------|-----------|-----------|-------------------|-------|------------|
| <b>500</b> | 628       | 463012IED | 499               | 1703  | €480.47    |
|            | 858       | 463013IED | 691               | 2358  | €598.52    |
|            | 1042      | 463014IED | 845               | 2884  | €756.71    |
|            | 1272      | 463015IED | 1037              | 3539  | €913.07    |
| <b>600</b> | 628       | 463028IED | 589               | 2010  | €527.68    |
|            | 858       | 463029IED | 815               | 2782  | €598.52    |
|            | 1042      | 463030IED | 997               | 3403  | €763.80    |
|            | 1272      | 463031IED | 1223              | 4174  | €976.21    |

3 COLUMN

4 COLUMN

| Height mm  | Length mm | Ideal UIN | Heat output Watts | Btu/hr | List price | Length mm | Ideal UIN | Heat output Watts | Btu/hr | List price |
|------------|-----------|-----------|-------------------|--------|------------|-----------|-----------|-------------------|--------|------------|
| <b>300</b> | 444       | 463000IED | 288               | 983    | €422.40    | 444       | 463007IED | 377               | 1287   | €544.20    |
|            | 628       | 463001IED | 416               | 1420   | €543.29    | 628       | 463008IED | 545               | 1860   | €611.19    |
|            | 858       | 463002IED | 576               | 1966   | €716.58    | 858       | 463009IED | 754               | 2573   | €765.58    |
|            | 1042      | 463003IED | 704               | 2403   | €834.58    | 1042      | 463010IED | 922               | 3147   | €969.98    |
|            | 1272      | 463004IED | 864               | 2949   | €998.17    | 1272      | 463011IED | 1131              | 3860   | €1,160.16  |
|            | 1456      | 463005IED | 992               | 3386   | €1,167.80  | -         | -         | -                 | -      | -          |
|            | 1870      | 463006IED | 1280              | 4369   | €1,519.54  | -         | -         | -                 | -      | -          |
| <b>500</b> | 444       | 463016IED | 464               | 1584   | €451.77    | 444       | 463023IED | 608               | 2075   | €559.84    |
|            | 628       | 463017IED | 671               | 2290   | €527.68    | 628       | 463024IED | 879               | 3000   | €589.05    |
|            | 858       | 463018IED | 929               | 3171   | €645.73    | 858       | 463025IED | 1217              | 4154   | €741.46    |
|            | 1042      | 463019IED | 1135              | 3874   | €881.76    | 1042      | 463026IED | 1487              | 5075   | €944.86    |
|            | 1272      | 463020IED | 1393              | 4754   | €1,165.01  | 1272      | 463027IED | 1825              | 6229   | €1,170.68  |
|            | 1456      | 463021IED | 1600              | 5461   | €1,232.59  | -         | -         | -                 | -      | -          |
|            | 1870      | 463022IED | 2064              | 7044   | €1,507.23  | -         | -         | -                 | -      | -          |
| <b>600</b> | 444       | 463032IED | 548               | 1870   | €538.26    | 444       | 463039IED | 718               | 2451   | €561.09    |
|            | 628       | 463033IED | 792               | 2703   | €574.90    | 628       | 463040IED | 1037              | 3539   | €598.52    |
|            | 858       | 463034IED | 1096              | 3741   | €669.31    | 858       | 463041IED | 1436              | 4901   | €763.80    |
|            | 1042      | 463035IED | 1340              | 4573   | €763.80    | 1042      | 463042IED | 1756              | 5993   | €976.21    |
|            | 1272      | 463036IED | 1644              | 5611   | €1,023.33  | 1272      | 463043IED | 2155              | 7355   | €1,165.01  |
|            | 1456      | 463037IED | 1888              | 6444   | €1,203.95  | -         | -         | -                 | -      | -          |
|            | 1870      | 463038IED | 2436              | 8314   | €1,567.86  | -         | -         | -                 | -      | -          |
| <b>750</b> | 444       | -         | -                 | -      | -          | 444       | 463049IED | 877               | 2993   | €662.53    |
|            | 628       | -         | -                 | -      | -          | 628       | 463050IED | 1266              | 4321   | €933.70    |
|            | 858       | 463044IED | 1337              | 4563   | €856.36    | 858       | 463051IED | 1753              | 5983   | €978.76    |
|            | 1042      | 463045IED | 1635              | 5580   | €1,069.64  | 1042      | 463052IED | 2143              | 7314   | €1,152.20  |
|            | 1272      | 463046IED | 2006              | 6846   | €1,279.35  | 1272      | 463053IED | 2630              | 8976   | €1,442.30  |
|            | 1456      | 463047IED | 2303              | 7,860  | €1,492.59  | 1456      | -         | -                 | -      | -          |
|            | 1870      | 463048IED | 2972              | 10143  | €1,919.05  | 1870      | -         | -                 | -      | -          |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).



## IDEAL COLUMN VERTICAL

### 50 $\Delta t$

(75/65/20°C)

2 COLUMN

| Height<br>mm | Length<br>mm | Elements | Ideal<br>UIN | Heat output |        | List<br>price |
|--------------|--------------|----------|--------------|-------------|--------|---------------|
|              |              |          |              | Watts       | Btu/hr |               |
| <b>1800</b>  | 352          | 9        | 463054IED    | 868         | 2962   | €592.76       |
|              | 444          | 9        | 463055IED    | 1116        | 3809   | €669.31       |
| <b>2000</b>  | 352          | 9        | 463056IED    | 966         | 3297   | €666.99       |
|              | 444          | 9        | 463057IED    | 1242        | 4239   | €746.11       |
| <b>2500</b>  | 352          | 9        | 463058IED    | 1197        | 4085   | €660.93       |
|              | 444          | 9        | 463059IED    | 1539        | 5253   | €787.09       |

$\Delta t50$  is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider  $\Delta t40$  or  $\Delta t30$  output (see your installer or system designer).





## IDEAL COLUMN HORIZONTAL CONCEPT

**50  $\Delta t$**

(75/65/20°C)

3 COLUMN

| Height mm  | Length mm | Elements | Ideal UIN | Heat output |        | List price |
|------------|-----------|----------|-----------|-------------|--------|------------|
|            |           |          |           | Watts       | Btu/hr |            |
| <b>600</b> | 628       | 13       | 463133IED | 792         | 2703   | €799.58    |
|            | 858       | 18       | 463134IED | 1096        | 3741   | €887.94    |
|            | 1042      | 22       | 463135IED | 1340        | 4573   | €976.35    |
|            | 1272      | 27       | 463136IED | 1644        | 5611   | €1,219.32  |

4 COLUMN

| Height mm  | Length mm | Elements | Ideal UIN | Heat output |        | List price |
|------------|-----------|----------|-----------|-------------|--------|------------|
|            |           |          |           | Watts       | Btu/hr |            |
| <b>600</b> | 628       | 13       | 463140IED | 1037        | 3539   | €821.68    |
|            | 858       | 18       | 463141IED | 1436        | 4901   | €976.35    |
|            | 1042      | 22       | 463142IED | 1756        | 5993   | €1,175.12  |
|            | 1272      | 27       | 463143IED | 2155        | 7355   | €1,351.88  |

$\Delta t50$  is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider  $\Delta t40$  or  $\Delta t30$  output (see your installer or system designer).





## IDEAL COLUMN VERTICAL CONCEPT

**50 Δt**

(75/65/20°C)

3 COLUMN

| Height mm   | Length mm | Elements | Columns | Ideal UIN | Heat output Watts | Heat output Btu/hr | List price |
|-------------|-----------|----------|---------|-----------|-------------------|--------------------|------------|
| <b>1800</b> | 444       | 9        | 2       | 463155IED | 1116              | 3809               | €951.82    |
| <b>2000</b> | 444       | 9        | 2       | 463157IED | 1242              | 4239               | €1,028.62  |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).





# IDEAL CAST IRON COLUMN

**50 Δt**

(75/65/20°C)

| Height mm  | Length mm | Sections | Ideal UIN | 4 COLUMN                |             |            |           | 6 COLUMN                |             |            |           |           |
|------------|-----------|----------|-----------|-------------------------|-------------|------------|-----------|-------------------------|-------------|------------|-----------|-----------|
|            |           |          |           | Heat output Watts Btu/h | Weight (kg) | List price | Ideal UIN | Heat output Watts Btu/h | Weight (kg) | List price |           |           |
| <b>360</b> | 512       | 8        | 264073    | 344                     | 1174        | 28         | €922.13   | -                       | -           | -          | -         |           |
|            | 573       | 9        | 264074    | 387                     | 1320        | 31         | €980.68   | -                       | -           | -          | -         |           |
|            | 634       | 10       | 264075    | 430                     | 1467        | 34         | €1,039.15 | -                       | -           | -          | -         |           |
|            | 695       | 11       | 264076    | 473                     | 1614        | 38         | €1,125.34 | -                       | -           | -          | -         |           |
|            | 756       | 12       | 264077    | 516                     | 1761        | 41         | €1,183.86 | -                       | -           | -          | -         |           |
|            | 816       | 13       | 264078    | 559                     | 1907        | 45         | €1,242.34 | -                       | -           | -          | -         |           |
|            | 877       | 14       | 264079    | 602                     | 2054        | 48         | €1,300.87 | -                       | -           | -          | -         |           |
|            | 938       | 15       | 264080    | 645                     | 2201        | 52         | €1,359.39 | -                       | -           | -          | -         |           |
|            | 999       | 16       | 264081    | 688                     | 2347        | 55         | €1,417.89 | -                       | -           | -          | -         |           |
|            | 1060      | 17       | 264082    | 731                     | 2494        | 59         | €1,476.39 | -                       | -           | -          | -         |           |
| <b>505</b> | 1120      | 18       | 264083    | 774                     | 2641        | 62         | €1,534.89 | -                       | -           | -          | -         |           |
|            | 1181      | 19       | 264084    | 817                     | 2788        | 65         | €1,593.42 | -                       | -           | -          | -         |           |
|            | 512       | 8        | 264085    | 520                     | 1774        | 34         | €994.78   | 264037                  | 760         | 2593       | 67        | €1,165.32 |
|            | 573       | 9        | 264086    | 585                     | 1996        | 38         | €1,062.37 | 264038                  | 855         | 2917       | 75        | €1,254.20 |
|            | 634       | 10       | 264087    | 650                     | 2218        | 42         | €1,129.96 | 264039                  | 950         | 3241       | 84        | €1,343.14 |
|            | 695       | 11       | 264088    | 715                     | 2440        | 46         | €1,225.23 | 264040                  | 1045        | 3566       | 92        | €1,432.02 |
|            | 756       | 12       | 264089    | 780                     | 2661        | 50         | €1,292.82 | 264041                  | 1140        | 3890       | 100       | €1,548.61 |
|            | 816       | 13       | 264090    | 845                     | 2883        | 55         | €1,360.40 | 264042                  | 1235        | 4214       | 109       | €1,637.53 |
|            | 877       | 14       | 264091    | 910                     | 3105        | 59         | €1,427.99 | 264043                  | 1330        | 4538       | 117       | €1,726.43 |
|            | 938       | 15       | 264092    | 975                     | 3327        | 63         | €1,495.58 | 264044                  | 1425        | 4862       | 125       | €1,815.31 |
| <b>660</b> | 999       | 16       | 264093    | 1040                    | 3548        | 67         | €1,563.17 | 264045                  | 1520        | 5186       | 134       | €1,904.22 |
|            | 1060      | 17       | 264094    | 1105                    | 3770        | 71         | €1,630.76 | 264046                  | 1615        | 5510       | 142       | €1,993.13 |
|            | 1120      | 18       | 264095    | 1170                    | 3992        | 75         | €1,698.34 | 264047                  | 1710        | 5835       | 150       | €2,082.07 |
|            | 1181      | 19       | 264096    | 1235                    | 4214        | 80         | €1,765.93 | 264048                  | 1805        | 6159       | 159       | €2,170.95 |
|            | 512       | 8        | 264001    | 744                     | 2539        | 44         | €1,085.10 | 264049                  | 1064        | 3630       | 77        | €1,325.04 |
|            | 573       | 9        | 264002    | 837                     | 2856        | 50         | €1,163.59 | 264050                  | 1197        | 4084       | 86        | €1,433.93 |
|            | 634       | 10       | 264003    | 930                     | 3173        | 56         | €1,242.10 | 264051                  | 1330        | 4538       | 96        | €1,542.83 |
|            | 695       | 11       | 264004    | 1023                    | 3490        | 61         | €1,351.29 | 264052                  | 1463        | 4992       | 105       | €1,679.34 |
|            | 756       | 12       | 264005    | 1116                    | 3808        | 67         | €1,429.77 | 264053                  | 1596        | 5446       | 115       | €1,788.21 |
|            | 816       | 13       | 264006    | 1209                    | 4125        | 72         | €1,508.29 | 264054                  | 1729        | 5899       | 125       | €1,897.11 |
| <b>760</b> | 877       | 14       | 264007    | 1302                    | 4442        | 78         | €1,586.78 | 264055                  | 1862        | 6353       | 134       | €2,005.97 |
|            | 938       | 15       | 264008    | 1395                    | 4760        | 83         | €1,665.29 | 264056                  | 1995        | 6807       | 144       | €2,114.82 |
|            | 999       | 16       | 264009    | 1488                    | 5077        | 89         | €1,743.78 | 264057                  | 2128        | 7261       | 153       | €2,223.71 |
|            | 1060      | 17       | 264010    | 1581                    | 5394        | 94         | €1,822.30 | 264058                  | 2261        | 7715       | 163       | €2,332.55 |
|            | 1120      | 18       | 264011    | 1674                    | 5712        | 100        | €1,900.78 | 264059                  | 2394        | 8168       | 173       | €2,441.45 |
|            | 1181      | 19       | 264012    | 1767                    | 6029        | 106        | €1,979.27 | 264060                  | 2527        | 8622       | 182       | €2,550.32 |
|            | 512       | 8        | 264013    | 864                     | 2948        | 50         | €1,165.48 | -                       | -           | -          | -         | -         |
|            | 573       | 9        | 264014    | 972                     | 3316        | 56         | €1,254.02 | -                       | -           | -          | -         | -         |
|            | 634       | 10       | 264015    | 1080                    | 3685        | 62         | €1,342.57 | -                       | -           | -          | -         | -         |
|            | 695       | 11       | 264016    | 1188                    | 4053        | 68         | €1,461.84 | -                       | -           | -          | -         | -         |
| <b>960</b> | 756       | 12       | 264017    | 1296                    | 4422        | 75         | €1,550.35 | -                       | -           | -          | -         | -         |
|            | 816       | 13       | 264018    | 1404                    | 4790        | 81         | €1,638.93 | -                       | -           | -          | -         | -         |
|            | 877       | 14       | 264019    | 1512                    | 5159        | 87         | €1,727.47 | -                       | -           | -          | -         | -         |
|            | 938       | 15       | 264020    | 1620                    | 5527        | 93         | €1,815.98 | -                       | -           | -          | -         | -         |
|            | 999       | 16       | 264021    | 1728                    | 5896        | 100        | €1,904.22 | -                       | -           | -          | -         | -         |
|            | 1060      | 17       | 264022    | 1836                    | 6264        | 106        | €1,993.13 | -                       | -           | -          | -         | -         |
|            | 1120      | 18       | 264023    | 1944                    | 6633        | 112        | €2,082.07 | -                       | -           | -          | -         | -         |
|            | 1181      | 19       | 264024    | 2052                    | 7001        | 118        | €2,170.95 | -                       | -           | -          | -         | -         |
|            | 512       | 8        | 264025    | 1112                    | 3794        | 63         | €1,299.64 | 264061                  | 1576        | 5377       | 98        | €1,684.24 |
|            | 573       | 9        | 264026    | 1251                    | 4268        | 71         | €1,405.34 | 264062                  | 1773        | 6049       | 111       | €1,837.99 |
| 634        | 10        | 264027   | 1390      | 4743                    | 79          | €1,511.03  | 264063    | 1970                    | 6722        | 123        | €1,991.80 |           |
| 695        | 11        | 264028   | 1529      | 5217                    | 86          | €1,644.39  | 264064    | 2167                    | 7394        | 135        | €2,173.24 |           |
| 756        | 12        | 264029   | 1668      | 5691                    | 94          | €1,750.07  | 264065    | 2364                    | 8066        | 147        | €2,326.99 |           |
| 816        | 13        | 264030   | 1807      | 6165                    | 102         | €1,855.74  | 264066    | 2561                    | 8738        | 160        | €2,480.76 |           |
| 877        | 14        | 264031   | 1946      | 6640                    | 110         | €1,961.44  | 264067    | 2758                    | 9410        | 172        | €2,634.51 |           |
| 938        | 15        | 264032   | 2085      | 7114                    | 118         | €2,067.14  | 264068    | 2955                    | 10082       | 184        | €2,788.32 |           |
| 999        | 16        | 264033   | 2224      | 7588                    | 126         | €2,172.84  | 264069    | 3152                    | 10755       | 196        | €2,942.10 |           |
| 1060       | 17        | 264034   | 2363      | 8063                    | 133         | €2,278.53  | 264070    | 3349                    | 11427       | 209        | €3,095.84 |           |
| 1120       | 18        | 264035   | 2502      | 8537                    | 141         | €2,384.24  | 264071    | 3546                    | 12099       | 221        | €3,249.62 |           |
| 1181       | 19        | 264036   | 2641      | 9011                    | 149         | €2,489.91  | 264072    | 3743                    | 12771       | 233        | €3,403.40 |           |

**DELIVERY INFORMATION:**

These radiators are made to order and as such there will be an additional delivery charge applicable. Please contact your nearest Ideal or Stelrad representative for more information.

Due to the weight of the product a 2-man lift is required. The delivery driver is only able to stop at the closest point on the road at the nearest accessible external hard standing, i.e. pavement.

Due to health and safety legislation the driver is prohibited from lifting any heavy goods (25kg = max. single person lift). They are not insured to enter the property. It is your responsibility to organise the manpower thereafter to be available to move your radiators to a suitable and dry storage area.

Cast Iron Column radiators are delivered individually wrapped with each individual radiator layer separated with a thick card then secured flat onto the pallet(s).

Cast Iron Column radiators have up to a 21 day lead time.

**OPTIONAL VALVES**



Antique Brass  
Ideal UIN: 263060  
List price: €230.01



Brushed Nickel  
Ideal UIN: 263061  
List price: €230.01

The thermostatic radiator valve comes with an in-built temperature sensor which maintains the room at the temperature you have selected.



Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).

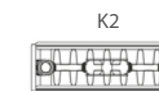
Due to production tolerances, the length of the product and therefore the tap centres could contain a variation of +/- 1.5% of the overall stated length. ONLY AVAILABLE IN A NATURAL CAST FINISH.



## IDEAL COMPACT VERTICAL

**50  $\Delta t$**

(75/65/20°C)



| Height mm   | Length mm | Sections | Ideal UIN   | Heat output |       | List price |
|-------------|-----------|----------|-------------|-------------|-------|------------|
|             |           |          |             | Watts       | Btu/h |            |
| <b>1800</b> | 400       | 12       | 89121418IED | 1584        | 5405  | €513.16    |
|             | 500       | 15       | 89122518IED | 1980        | 6756  | €562.32    |
|             | 600       | 18       | 89122618IED | 2376        | 8107  | €614.12    |

$\Delta t50$  is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider  $\Delta t40$  or  $\Delta t30$  output (see your installer or system designer).

**10**  
YEAR  
WARRANTY

**10**  
BAR  
WORKING  
PRESSURE

**✓**  
IN STOCK

Traffic  
White

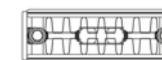


## IDEAL DECO VERTICAL

**50  $\Delta t$**

(75/65/20°C)

K2



| Height mm   | Length mm | Sections | Ideal UIN   | Heat output Watts | Heat output Btu/h | List price |
|-------------|-----------|----------|-------------|-------------------|-------------------|------------|
| <b>1800</b> | 400       | 12       | 89222418IED | 1476              | 5036              | €592.69    |
|             | 500       | 15       | 89222518IED | 1845              | 6295              | €650.66    |
|             | 600       | 18       | 89222618IED | 2214              | 7554              | €711.92    |

$\Delta t50$  is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider  $\Delta t40$  or  $\Delta t30$  output (see your installer or system designer).



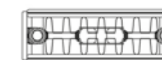


## IDEAL DECO VERTICAL CONCEPT

**50 Δt**

(75/65/20°C)

K2



| Height mm   | Length mm | Sections | Ideal UIN   | Heat output Watts | Heat output Btu/h | List price |
|-------------|-----------|----------|-------------|-------------------|-------------------|------------|
| <b>1800</b> | 400       | 12       | 22182204IED | 1476              | 5036              | €738.16    |
|             | 500       | 15       | 22182205IED | 1845              | 6295              | €810.38    |
|             | 600       | 18       | 22182206IED | 2214              | 7554              | €886.65    |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).







## IDEAL PLAN VERTICAL

**50  $\Delta t$**

(75/65/20°C)

K2



| Height mm   | Length mm | Sections | Ideal UIN   | Heat output Watts | Heat output Btu/h | List price |
|-------------|-----------|----------|-------------|-------------------|-------------------|------------|
| <b>1800</b> | 400       | 12       | 89322418IED | 1476              | 5036              | €592.69    |
|             | 500       | 15       | 89322518IED | 1845              | 6295              | €650.66    |
|             | 600       | 18       | 89322618IED | 2214              | 7554              | €711.92    |

$\Delta t50$  is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider  $\Delta t40$  or  $\Delta t30$  output (see your installer or system designer).





## IDEAL PLAN VERTICAL CONCEPT

**50 Δt**

(75/65/20°C)

K2



| Height<br>mm | Length<br>mm | Sections | Ideal<br>UIN | Heat output |       | List<br>price |
|--------------|--------------|----------|--------------|-------------|-------|---------------|
|              |              |          |              | Watts       | Btu/h |               |
| <b>1800</b>  | 400          | 12       | 21182204IED  | 1476        | 5036  | €933.72       |
|              | 500          | 15       | 21182205IED  | 1845        | 6295  | €1,025.09     |
|              | 600          | 18       | 21182206IED  | 2214        | 7554  | €1,121.52     |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).



# IDEAL CONCORD PLANE

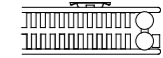
**50 Δt**

(75/65/20°C)

SINGLE

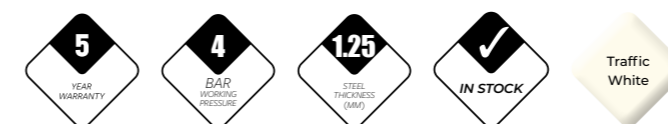


DOUBLE



| Height mm  | Length mm | Elements  | SINGLE    |                   |                    | DOUBLE     |           |                   |                    |            |
|------------|-----------|-----------|-----------|-------------------|--------------------|------------|-----------|-------------------|--------------------|------------|
|            |           |           | Ideal UIN | Heat output Watts | Heat output Btu/hr | List price | Ideal UIN | Heat output Watts | Heat output Btu/hr | List price |
| <b>444</b> | 500       | 6         | 1483461ED | 392               | 1338               | €340.22    | 1483971ED | 685               | 2337               | €597.18    |
|            | 600       | 6         | 1483471ED | 470               | 1604               | €354.72    | 1483981ED | 821               | 2801               | €608.06    |
|            | 700       | 6         | 1483481ED | 549               | 1873               | €372.83    | 1483991ED | 958               | 3269               | €651.49    |
|            | 800       | 6         | 1483491ED | 627               | 2139               | €390.88    | 1484001ED | 1095              | 3736               | €694.92    |
|            | 900       | 6         | 1483501ED | 706               | 2409               | €398.24    | 1484011ED | 1232              | 4204               | €727.50    |
|            | 1000      | 6         | 1483511ED | 784               | 2675               | €405.38    | 1484021ED | 1369              | 4671               | €760.08    |
|            | 1100      | 6         | 1483521ED | 862               | 2941               | €434.31    | 1484031ED | 1506              | 5139               | €814.36    |
|            | 1200      | 6         | 1483531ED | 941               | 3211               | €470.54    | 1484041ED | 1643              | 5606               | €868.67    |
|            | 1400      | 6         | 1483541ED | 1098              | 3747               | €488.62    | 1484051ED | 1917              | 6541               | €904.87    |
|            | 1600      | 6         | 1483551ED | 1254              | 4279               | €506.75    | 1484061ED | 2190              | 7473               | €1,013.52  |
|            | 1800      | 6         | 1483561ED | 1411              | 4815               | €535.73    | 1484071ED | 2464              | 8408               | €1,122.05  |
|            | 2000      | 6         | 1483571ED | 1568              | 5350               | €597.23    | 1484081ED | 2738              | 9342               | €1,158.26  |
|            | 2200      | 6         | 1483581ED | 1725              | 5886               | €647.94    | 1484091ED | 3012              | 10277              | €1,266.85  |
|            | 2400      | 6         | 1483591ED | 1882              | 6422               | €691.29    | 1484101ED | 3286              | 11212              | €1,339.13  |
|            | 2600      | 6         | 1483601ED | 2038              | 6954               | €734.80    | 1484111ED | 3559              | 12144              | €1,429.70  |
|            | 2800      | 6         | 1483611ED | 2195              | 7490               | €774.48    | 1484121ED | 3833              | 13079              | €1,520.21  |
| 3000       | 6         | 1483621ED | 2352      | 8025              | €814.36            | 1484131ED  | 4107      | 14014             | €1,610.72          |            |
| <b>592</b> | 500       | 8         | 4483631ED | 501               | 1709               | €398.24    | 1484141ED | 849               | 2897               | €723.82    |
|            | 600       | 8         | 4483641ED | 601               | 2051               | €423.48    | 1484151ED | 1018              | 3474               | €760.08    |
|            | 700       | 8         | 4483651ED | 701               | 2392               | €430.76    | 1484161ED | 1188              | 4054               | €796.28    |
|            | 800       | 6         | 4483471ED | 802               | 2737               | €434.31    | 1484171ED | 1358              | 4634               | €832.49    |
|            | 900       | 6         | 4483471ED | 902               | 3078               | €452.41    | 1484181ED | 1527              | 5210               | €886.72    |
|            | 1000      | 6         | 4483471ED | 1002              | 3419               | €470.54    | 1484191ED | 1697              | 5790               | €948.33    |
|            | 1100      | 6         | 4483471ED | 1102              | 3760               | €506.77    | 1484201ED | 1867              | 6370               | €1,013.49  |
|            | 1200      | 6         | 4483471ED | 1202              | 4101               | €535.73    | 1484211ED | 2036              | 6947               | €1,085.82  |
|            | 1400      | 6         | 4483471ED | 1403              | 4787               | €553.75    | 1484221ED | 2376              | 8107               | €1,150.90  |
|            | 1600      | 6         | 4483471ED | 1603              | 5470               | €615.34    | 1484231ED | 2715              | 9264               | €1,230.65  |
|            | 1800      | 6         | 4483471ED | 1804              | 6156               | €662.37    | 1484241ED | 3055              | 10424              | €1,339.13  |
|            | 2000      | 8         | 4483661ED | 2004              | 6838               | €741.98    | 1484251ED | 3394              | 11581              | €1,411.57  |
|            | 2200      | 8         | 4483671ED | 2204              | 7520               | €796.28    | 1484261ED | 3733              | 12738              | €1,502.08  |
|            | 2400      | 8         | 4483681ED | 2405              | 8206               | €857.82    | 1484271ED | 4073              | 13898              | €1,610.72  |
|            | 2600      | 8         | 4483691ED | 2605              | 8889               | €923.00    | 1484281ED | 4412              | 15054              | €1,719.26  |
|            | 2800      | 8         | 4483701ED | 2806              | 9574               | €995.42    | 1484291ED | 4752              | 16214              | €1,827.88  |
| 3000       | 8         | 4483711ED | 3006      | 10257             | €1,067.77          | 1484301ED  | 5091      | 17371             | €1,936.42          |            |
| <b>740</b> | 500       | 8         | 4483631ED | 598               | 2040               | €437.93    | 1484311ED | 1001              | 3416               | €886.74    |
|            | 600       | 8         | 4483641ED | 718               | 2450               | €463.31    | 1484321ED | 1201              | 4098               | €912.07    |
|            | 700       | 8         | 4483651ED | 837               | 2856               | €488.62    | 1484331ED | 1401              | 4780               | €977.29    |
|            | 800       | 6         | 4483471ED | 957               | 3265               | €506.75    | 1484341ED | 1602              | 5466               | €1,020.69  |
|            | 900       | 6         | 4483471ED | 1076              | 3671               | €532.10    | 1484351ED | 1802              | 6149               | €1,085.85  |
|            | 1000      | 6         | 4483471ED | 1196              | 4081               | €553.75    | 1484361ED | 2002              | 6831               | €1,143.78  |
|            | 1100      | 6         | 4483471ED | 1316              | 4490               | €590.01    | 1484371ED | 2202              | 7514               | €1,230.65  |
|            | 1200      | 6         | 4483471ED | 1435              | 4896               | €633.47    | 1484381ED | 2402              | 8196               | €1,303.03  |
|            | 1400      | 6         | 4483471ED | 1674              | 5712               | €669.59    | 1484391ED | 2803              | 9564               | €1,375.39  |
|            | 1600      | 6         | 4483471ED | 1914              | 6531               | €731.10    | 1484401ED | 3203              | 10929              | €1,484.00  |
|            | 1800      | 6         | 4483471ED | 2153              | 7346               | €785.46    | 1484411ED | 3604              | 12297              | €1,664.95  |
|            | 2000      | 8         | 4483661ED | 2392              | 8162               | €868.64    | 1484421ED | 4004              | 13662              | €1,773.52  |
|            | 2200      | 8         | 4483671ED | 2631              | 8977               | €941.05    | 1484431ED | 4404              | 15027              | €1,882.11  |
|            | 2400      | 8         | 4483681ED | 2870              | 9793               | €1,013.52  | 1484441ED | 4805              | 16395              | €1,990.70  |
|            | 2600      | 8         | 4483691ED | 3110              | 10612              | €1,085.85  | 1484451ED | 5205              | 17760              | €2,099.37  |
|            | 2800      | 8         | 4483701ED | 3349              | 11427              | €1,158.26  | 1484461ED | 5606              | 19128              | €2,207.93  |
| 3000       | 8         | 4483711ED | 3588      | 12243             | €1,230.65          | 1484471ED  | 6006      | 20493             | €2,352.73          |            |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).





# IDEAL CONCORD VERTICAL

**50 Δt**

(75/65/20°C)

SINGLE

| Height mm   | Length mm | Elements | Ideal UIN | Heat output |        | List price |
|-------------|-----------|----------|-----------|-------------|--------|------------|
|             |           |          |           | Watts       | Btu/hr |            |
| <b>1800</b> | 444       | 6        | 448340IED | 852         | 2907   | €604.07    |
|             | 592       | 8        | 448341IED | 1136        | 3876   | €675.24    |
|             | 740       | 10       | 448342IED | 1420        | 4845   | €781.81    |
| <b>2000</b> | 444       | 6        | 448343IED | 942         | 3214   | €631.69    |
|             | 592       | 8        | 448344IED | 1256        | 4286   | €702.85    |
|             | 740       | 10       | 448345IED | 1570        | 5357   | €809.40    |

DOUBLE

| Height mm   | Length mm | Elements | Ideal UIN | Heat output |        | List price |
|-------------|-----------|----------|-----------|-------------|--------|------------|
|             |           |          |           | Watts       | Btu/hr |            |
| <b>1800</b> | 444       | 6        | 448640IED | 1254        | 4279   | €1,087.28  |
|             | 592       | 8        | 448641IED | 1672        | 5705   | €1,249.13  |
|             | 740       | 10       | 448642IED | 2090        | 7131   | €1,485.41  |
| <b>2000</b> | 444       | 6        | 448643IED | 1386        | 4729   | €1,200.23  |
|             | 592       | 8        | 448644IED | 1848        | 6306   | €1,335.36  |
|             | 740       | 10       | 448645IED | 2310        | 7882   | €1,578.28  |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).

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## IDEAL CONCORD VERTICAL CONCEPT

**50 Δt**

(75/65/20°C)

### SINGLE

| Height mm   | Length mm | Ideal UIN  | Heat output |        | List price |
|-------------|-----------|------------|-------------|--------|------------|
|             |           |            | Watts       | Btu/hr |            |
| <b>1800</b> | 444       | 448652bIED | 852         | 2907   | €902.26    |
|             | 592       | 448653bIED | 1136        | 3876   | €977.57    |
|             | 740       | 448654bIED | 1420        | 4845   | €1,090.50  |

### DOUBLE

| Height mm   | Length mm | Ideal UIN  | Heat output |        | List price |
|-------------|-----------|------------|-------------|--------|------------|
|             |           |            | Watts       | Btu/hr |            |
| <b>1800</b> | 444       | 448655bIED | 1254        | 4279   | €1,414.02  |
|             | 592       | 448656bIED | 1672        | 5705   | €1,603.05  |
|             | 740       | 448657bIED | 2090        | 7131   | €1,853.25  |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).





## IDEAL CONCORD SLIMLINE

**50 Δt**

(75/65/20°C)

SINGLE

| Height mm   | Length mm | Elements | Ideal UIN | Heat output |        | List price |
|-------------|-----------|----------|-----------|-------------|--------|------------|
|             |           |          |           | Watts       | Btu/hr |            |
| <b>1800</b> | 320       | 8        | 448300IED | 872         | 2975   | €647.53    |
|             | 440       | 11       | 448301IED | 1199        | 4091   | €868.64    |
|             | 520       | 13       | 448302IED | 1417        | 4835   | €967.34    |
|             | 640       | 16       | 448303IED | 1744        | 5951   | €1,184.53  |
| <b>2000</b> | 320       | 8        | 448304IED | 978         | 3337   | €667.29    |
|             | 440       | 11       | 448305IED | 1344        | 4586   | €888.37    |
|             | 520       | 13       | 448306IED | 1589        | 5422   | €994.99    |
|             | 640       | 16       | 448307IED | 1956        | 6674   | €1,228.00  |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).





## IDEAL CONCORD SLIMLINE CONCEPT

**50  $\Delta t$**

(75/65/20°C)

**SINGLE**

| Height mm   | Length mm | Elements | Ideal UIN | Heat output |        | List price |
|-------------|-----------|----------|-----------|-------------|--------|------------|
|             |           |          |           | Watts       | Btu/hr |            |
| <b>1800</b> | 320       | 8        | 448658IED | 872         | 2975   | €948.29    |
|             | 440       | 11       | 448659IED | 1199        | 4091   | €1,182.44  |
|             | 520       | 13       | 448660IED | 1417        | 4835   | €1,286.99  |
|             | 640       | 16       | 448661IED | 1744        | 5951   | €1,534.63  |

$\Delta t50$  is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider  $\Delta t40$  or  $\Delta t30$  output (see your installer or system designer).





Curved Chrome

## IDEAL CLASSIC TOWEL RAIL

**50** Δt

(75/65/20°C)

STRAIGHT WHITE

STRAIGHT CHROME

| Height mm   | Length mm | Max Projection mm | STRAIGHT WHITE |                   |        | STRAIGHT CHROME |           |                   |        |            |
|-------------|-----------|-------------------|----------------|-------------------|--------|-----------------|-----------|-------------------|--------|------------|
|             |           |                   | Ideal UIN      | Heat output Watts | Btu/hr | List price      | Ideal UIN | Heat output Watts | Btu/hr | List price |
| <b>760</b>  | 500       | 100               | 148070IED      | 376               | 1282   | €143.57         | 147002IED | 246               | 839    | €143.57    |
|             | 600       | 100               | 148071IED      | 445               | 1517   | €151.44         | 147003IED | 294               | 1003   | €151.44    |
| <b>1211</b> | 500       | 100               | 148072IED      | 576               | 1964   | €204.24         | 147004IED | 379               | 1292   | €204.24    |
|             | 600       | 100               | 148073IED      | 686               | 2339   | €216.61         | 147005IED | 453               | 1545   | €216.61    |
| <b>1744</b> | 500       | 100               | 148074IED      | 844               | 2878   | €276.69         | 142768IED | 557               | 1899   | €276.69    |
|             | 600       | 100               | 148075IED      | 1000              | 3410   | €294.48         | 142769IED | 667               | 2274   | €294.48    |

CURVED WHITE

CURVED CHROME

| Height mm   | Length mm | Max Projection mm | CURVED WHITE |                   |        | CURVED CHROME |           |                   |        |            |
|-------------|-----------|-------------------|--------------|-------------------|--------|---------------|-----------|-------------------|--------|------------|
|             |           |                   | Ideal UIN    | Heat output Watts | Btu/hr | List price    | Ideal UIN | Heat output Watts | Btu/hr | List price |
| <b>760</b>  | 500       | 100               | 147006IED    | 376               | 1282   | €145.48       | 147012IED | 246               | 839    | €145.48    |
|             | 600       | 100               | 147007IED    | 445               | 1517   | €153.44       | 147013IED | 294               | 1003   | €153.44    |
| <b>1211</b> | 500       | 100               | 147008IED    | 576               | 1964   | €206.24       | 147014IED | 379               | 1292   | €206.24    |
|             | 600       | 100               | 147009IED    | 686               | 2339   | €218.55       | 147015IED | 453               | 1545   | €218.55    |
| <b>1744</b> | 500       | 100               | 147010IED    | 844               | 2878   | €279.76       | 147016IED | 557               | 1899   | €279.76    |
|             | 600       | 100               | 147011IED    | 1000              | 3410   | €296.47       | 147017IED | 667               | 2274   | €296.47    |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).





# IDEAL HEAVY DUTY PLANAR

**50  $\Delta t$**

(75/65/20°C)

K1

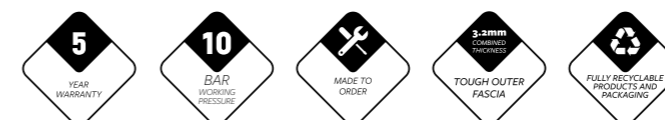


K2



| Height mm  | Length mm | Ideal UIN | Heat output |        | List price | Ideal UIN | Heat output |        | List price |
|------------|-----------|-----------|-------------|--------|------------|-----------|-------------|--------|------------|
|            |           |           | Watts       | Btu/hr |            |           | Watts       | Btu/hr |            |
| <b>450</b> | 400       | 141259IED | 268         | 915    | €412.35    | 141269IED | 500         | 1705   | €496.09    |
|            | 600       | 141261IED | 403         | 1376   | €446.46    | 141271IED | 750         | 2559   | €587.88    |
|            | 800       | 141262IED | 537         | 1834   | €505.50    | 141272IED | 999         | 3410   | €703.21    |
|            | 1000      | 141263IED | 672         | 2292   | €590.33    | 141273IED | 1249        | 4262   | €844.94    |
|            | 1200      | 141264IED | 806         | 2751   | €652.92    | 141274IED | 1499        | 5114   | €943.66    |
|            | 1400      | 141265IED | 941         | 3209   | €729.15    | 141275IED | 1749        | 5967   | €1,071.93  |
|            | 1600      | 141266IED | 1075        | 3668   | €806.46    | 141276IED | 1999        | 6819   | €1,194.78  |
|            | 1800      | 141267IED | 1209        | 4126   | €898.94    | 141277IED | 2248        | 7672   | €1,330.49  |
|            | 2000      | 141268IED | 1362        | 4648   | €979.04    | 141278IED | 2546        | 8686   | €1,451.17  |
| <b>600</b> | 400       | 141279IED | 348         | 1187   | €429.50    | 141289IED | 640         | 2184   | €528.84    |
|            | 600       | 141281IED | 522         | 1781   | €481.51    | 141291IED | 961         | 3280   | €649.93    |
|            | 800       | 141282IED | 696         | 2375   | €551.57    | 141292IED | 1281        | 4372   | €774.04    |
|            | 1000      | 141283IED | 870         | 2968   | €648.07    | 141293IED | 1601        | 5464   | €934.42    |
|            | 1200      | 141284IED | 1044        | 3562   | €719.62    | 141294IED | 1921        | 6556   | €1,047.95  |
|            | 1400      | 141285IED | 1218        | 4156   | €805.64    | 141295IED | 2241        | 7649   | €1,192.57  |
|            | 1600      | 141286IED | 1392        | 4750   | €893.17    | 141296IED | 2563        | 8744   | €1,331.85  |
|            | 1800      | 141287IED | 1566        | 5343   | €997.07    | 141297IED | 2883        | 9836   | €1,485.32  |
|            | 2000      | 141288IED | 1740        | 5937   | €1,087.08  | 141298IED | 3203        | 10928  | €1,627.41  |

$\Delta t50$  is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider  $\Delta t40$  or  $\Delta t30$  output (see your installer or system designer).



# IDEAL HEAVY DUTY DECO

**50 Δt**

(75/65/20°C)

K1



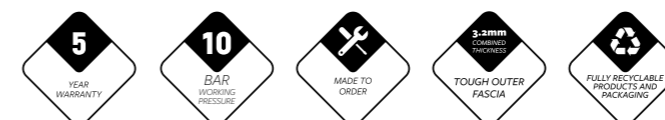
K2



| Height mm  | Length mm  | Ideal UIN  | Heat output |           | List price | Ideal UIN  | Heat output |           | List price |
|------------|------------|------------|-------------|-----------|------------|------------|-------------|-----------|------------|
|            |            |            | Watts       | Btu/hr    |            |            | Watts       | Btu/hr    |            |
| <b>450</b> | 400        | 7641104IED | 268         | 914       | €412.35    | 7642204IED | 500         | 1,706     | €496.09    |
|            | 600        | 7641106IED | 403         | 1,375     | €446.46    | 7642206IED | 750         | 2,559     | €587.88    |
|            | 800        | 7641108IED | 537         | 1,832     | €505.50    | 7642208IED | 999         | 3,409     | €703.21    |
|            | 1000       | 7641110IED | 672         | 2,293     | €590.33    | 7642210IED | 1,249       | 4,262     | €844.94    |
|            | 1200       | 7641112IED | 806         | 2,750     | €652.92    | 7642212IED | 1,499       | 5,115     | €943.66    |
|            | 1400       | 7641114IED | 941         | 3,211     | €729.15    | 7642214IED | 1,749       | 5,968     | €1,071.93  |
|            | 1600       | 7641116IED | 1,075       | 3,668     | €806.46    | 7642216IED | 1,999       | 6,821     | €1,194.78  |
|            | 1800       | 7641118IED | 1,209       | 4,125     | €898.94    | 7642218IED | 2,248       | 7,670     | €1,330.49  |
| <b>600</b> | 2000       | 7641120IED | 1,362       | 4,647     | €979.04    | 7642220IED | 2,546       | 8,687     | €1,451.17  |
|            | 400        | 7661104IED | 509         | 1,705     | €429.50    | 7662204IED | 640         | 2,184     | €528.84    |
|            | 600        | 7661106IED | 764         | 2,559     | €481.51    | 7662206IED | 961         | 3,280     | €649.93    |
|            | 800        | 7661108IED | 1,018       | 3,410     | €551.57    | 7662208IED | 1,281       | 4,372     | €774.04    |
|            | 1000       | 7661110IED | 1,273       | 4,262     | €648.07    | 7662210IED | 1,601       | 5,464     | €934.42    |
|            | 1200       | 7661112IED | 1,528       | 5,114     | €719.62    | 7662212IED | 1,921       | 6,556     | €1,047.95  |
|            | 1400       | 7661114IED | 1,782       | 5,967     | €805.64    | 7662214IED | 2,241       | 7,649     | €1,192.57  |
|            | 1600       | 7661116IED | 2,037       | 6,819     | €893.17    | 7662216IED | 2,562       | 8,744     | €1,331.85  |
| 1800       | 7661118IED | 2,291      | 7,672       | €997.07   | 7662218IED | 2,882      | 9,836       | €1,485.32 |            |
| 2000       | 7661120IED | 2,546      | 8,686       | €1,087.08 | 7662220IED | 3,202      | 10,928      | €1,627.41 |            |



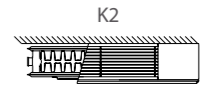
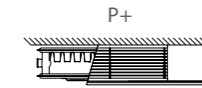
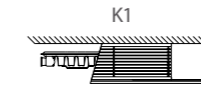
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# IDEAL LST STANDARD

**50 Δt**

(75/65/20°C)



| Casing Height mm | Casing Length mm | Emitter Height mm | Emitter Length mm | K1        |                          |            | P+        |                          |            | K2        |                          |            |
|------------------|------------------|-------------------|-------------------|-----------|--------------------------|------------|-----------|--------------------------|------------|-----------|--------------------------|------------|
|                  |                  |                   |                   | Ideal UIN | Heat output Watts Btu/hr | List price | Ideal UIN | Heat output Watts Btu/hr | List price | Ideal UIN | Heat output Watts Btu/hr | List price |
| <b>500</b>       | 560              | 300               | 400               | 1450001ED | 196 669                  | €295.98    | 1450081ED | 284 969                  | €333.22    | 1450161ED | 348 1187                 | €344.70    |
|                  | 760              | 300               | 600               | 1450011ED | 293 1000                 | €349.15    | 1450091ED | 426 1454                 | €391.13    | 1450171ED | 522 1781                 | €410.38    |
|                  | 960              | 300               | 800               | 1450021ED | 391 1334                 | €357.92    | 1450101ED | 568 1938                 | €461.64    | 1450181ED | 696 2375                 | €477.31    |
|                  | 1160             | 300               | 1000              | 1450031ED | 489 1668                 | €415.53    | 1450111ED | 710 2423                 | €521.49    | 1450191ED | 870 2968                 | €558.89    |
|                  | 1360             | 300               | 1200              | 1450041ED | 587 2003                 | €457.23    | 1450121ED | 852 2907                 | €585.66    | 1450201ED | 1044 3562                | €638.91    |
|                  | 1560             | 300               | 1400              | 1450051ED | 685 2337                 | €484.74    | 1450131ED | 994 3392                 | €655.18    | 1450211ED | 1218 4156                | €732.74    |
|                  | 1760             | 300               | 1600              | 1450061ED | 782 2668                 | €534.62    | 1450141ED | 1136 3876                | €742.49    | 1450221ED | 1392 4750                | €799.27    |
| <b>650</b>       | 1960             | 300               | 1800              | 1450071ED | 880 3003                 | €584.93    | 1450151ED | 1278 4361                | €805.59    | 1450231ED | 1566 5343                | €899.70    |
|                  | 560              | 450               | 400               | 1450241ED | 290 989                  | €344.88    | 1450321ED | 386 1317                 | €388.01    | 1450401ED | 478 1631                 | €420.06    |
|                  | 760              | 450               | 600               | 1450251ED | 435 1484                 | €437.27    | 1450331ED | 580 1979                 | €448.89    | 1450411ED | 717 2446                 | €479.91    |
|                  | 960              | 450               | 800               | 1450261ED | 580 1979                 | €476.70    | 1450341ED | 773 2637                 | €525.36    | 1450421ED | 956 3262                 | €614.78    |
|                  | 1160             | 450               | 1000              | 1450271ED | 725 2474                 | €523.18    | 1450351ED | 966 3296                 | €613.60    | 1450431ED | 1195 4077                | €715.56    |
|                  | 1360             | 450               | 1200              | 1450281ED | 870 2968                 | €558.05    | 1450361ED | 1159 3955                | €711.76    | 1450441ED | 1434 4893                | €820.65    |
|                  | 1560             | 450               | 1400              | 1450291ED | 1015 3463                | €664.35    | 1450371ED | 1352 4613                | €844.21    | 1450451ED | 1673 5708                | €974.97    |
| <b>800</b>       | 1760             | 450               | 1600              | 1450301ED | 1160 3958                | €737.13    | 1450381ED | 1546 5275                | €910.53    | 1450461ED | 1912 6524                | €1,078.75  |
|                  | 1960             | 450               | 1800              | 1450311ED | 1305 4453                | €804.24    | 1450391ED | 1739 5933                | €1,008.54  | 1450471ED | 2151 7339                | €1,187.22  |
|                  | 460              | 600               | 300               | 1450721ED | 274 935                  | €396.48    | -         | -                        | -          | 1450731ED | 461 1573                 | €473.05    |
|                  | 560              | 600               | 400               | 1450481ED | 365 1245                 | €396.48    | 1450561ED | 501 1709                 | €437.30    | 1450641ED | 615 2098                 | €473.05    |
|                  | 760              | 600               | 600               | 1450491ED | 548 1870                 | €434.88    | 1450571ED | 751 2562                 | €499.72    | 1450651ED | 922 3146                 | €564.28    |
|                  | 960              | 600               | 800               | 1450501ED | 730 2491                 | €517.25    | 1450581ED | 1002 3419                | €640.15    | 1450661ED | 1230 4197                | €746.54    |
|                  | 1160             | 600               | 1000              | 1450511ED | 913 3115                 | €577.01    | 1450591ED | 1252 4272                | €745.78    | 1450671ED | 1537 5244                | €906.44    |
| 1360             | 600              | 1200              | 1450521ED         | 1096 3740 | €644.74                  | 1450601ED  | 1502 5125 | €855.13                  | 1450681ED  | 1844 6292 | €1,025.56                |            |
| 1560             | 600              | 1400              | 1450531ED         | 1278 4361 | €727.42                  | 1450611ED  | 1753 5981 | €957.37                  | 1450691ED  | 2152 7343 | €1,169.98                |            |
| 1760             | 600              | 1600              | 1450541ED         | 1461 4985 | €883.46                  | 1450621ED  | 2003 6834 | €1,121.27                | 1450701ED  | 2459 8390 | €1,301.62                |            |
| 1960             | 600              | 1800              | 1450551ED         | 1643 5606 | €916.21                  | 1450631ED  | 2254 7691 | €1,172.38                | 1450711ED  | 2767 9441 | €1,467.15                |            |

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LST Standard front case view.



LST Standard inside the casing showing the emitter.



LST Standard emitter, showing high level valve option (valve not included).



LST Standard circular knockout for TRV. Oblong knockout for pipe.

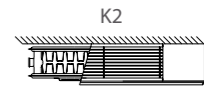
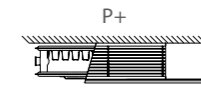
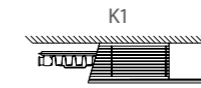




# IDEAL LST i PLUS

**50 Δt**

(75/65/20°C)



| Casing Height mm | Casing Length mm | Emitter Height mm | Emitter Length mm | K1        |                   |           | P+         |           |                   | K2        |            |           |                   |           |            |
|------------------|------------------|-------------------|-------------------|-----------|-------------------|-----------|------------|-----------|-------------------|-----------|------------|-----------|-------------------|-----------|------------|
|                  |                  |                   |                   | Ideal UIN | Heat output Watts | Btu/hr    | List price | Ideal UIN | Heat output Watts | Btu/hr    | List price | Ideal UIN | Heat output Watts | Btu/hr    | List price |
| <b>500</b>       | 650              | 300               | 400               | 145200IED | 196               | 669       | €446.38    | 145248IED | 284               | 969       | €494.25    | 145224IED | 348               | 1187      | €520.76    |
|                  | 850              | 300               | 600               | 145201IED | 293               | 1000      | €525.87    | 145249IED | 426               | 1454      | €578.76    | 145225IED | 522               | 1781      | €618.38    |
|                  | 1050             | 300               | 800               | 145202IED | 391               | 1334      | €536.58    | 145250IED | 568               | 1938      | €682.09    | 145226IED | 696               | 2375      | €717.93    |
|                  | 1250             | 300               | 1000              | 145203IED | 489               | 1668      | €622.43    | 145251IED | 710               | 2423      | €769.19    | 145227IED | 870               | 2968      | €839.92    |
|                  | 1450             | 300               | 1200              | 145204IED | 587               | 2003      | €684.31    | 145252IED | 852               | 2907      | €863.48    | 145228IED | 1044              | 3562      | €959.64    |
|                  | 1650             | 300               | 1400              | 145205IED | 685               | 2337      | €723.80    | 145253IED | 994               | 3392      | €965.14    | 145229IED | 1218              | 4156      | €1,100.74  |
|                  | 1850             | 300               | 1600              | 145206IED | 782               | 2668      | €797.76    | 145254IED | 1136              | 3876      | €1,093.66  | 145230IED | 1392              | 4750      | €1,199.44  |
| 2050             | 300              | 1800              | 145207IED         | 880       | 3003              | €872.79   | 145255IED  | 1278      | 4361              | €1,186.07 | 145231IED  | 1566      | 5343              | €1,350.64 |            |
| <b>650</b>       | 650              | 450               | 400               | 145208IED | 290               | 989       | €499.17    | 145256IED | 386               | 1317      | €540.39    | 145232IED | 478               | 1631      | €606.25    |
|                  | 850              | 450               | 600               | 145209IED | 435               | 1484      | €630.71    | 145257IED | 580               | 1979      | €621.98    | 145233IED | 717               | 2446      | €687.33    |
|                  | 1050             | 450               | 800               | 145210IED | 580               | 1979      | €686.00    | 145258IED | 773               | 2637      | €726.24    | 145234IED | 956               | 3262      | €881.04    |
|                  | 1250             | 450               | 1000              | 145211IED | 725               | 2474      | €751.19    | 145259IED | 966               | 3296      | €847.11    | 145235IED | 1195              | 4077      | €1,024.25  |
|                  | 1450             | 450               | 1200              | 145212IED | 870               | 2968      | €800.18    | 145260IED | 1159              | 3955      | €982.67    | 145236IED | 1434              | 4893      | €1,174.40  |
|                  | 1650             | 450               | 1400              | 145213IED | 1015              | 3463      | €953.49    | 145261IED | 1352              | 4613      | €1,166.63  | 145237IED | 1673              | 5708      | €1,396.54  |
|                  | 1850             | 450               | 1600              | 145214IED | 1160              | 3958      | €1,056.68  | 145262IED | 1546              | 5275      | €1,256.44  | 145238IED | 1912              | 6524      | €1,543.99  |
| 2050             | 450              | 1800              | 145215IED         | 1305      | 4453              | €1,152.45 | 145263IED  | 1739      | 5933              | €1,391.52 | 145239IED  | 2151      | 7339              | €1,698.12 |            |
| <b>800</b>       | 650              | 600               | 400               | 145216IED | 365               | 1245      | €573.32    | 145264IED | 501               | 1709      | €632.98    | 145240IED | 615               | 2098      | €685.87    |
|                  | 850              | 600               | 600               | 145217IED | 548               | 1870      | €628.45    | 145265IED | 751               | 2562      | €718.26    | 145241IED | 922               | 3146      | €813.39    |
|                  | 1050             | 600               | 800               | 145218IED | 730               | 2491      | €744.81    | 145266IED | 1002              | 3419      | €921.08    | 145242IED | 1230              | 4197      | €1,077.12  |
|                  | 1250             | 600               | 1000              | 145219IED | 913               | 3115      | €829.24    | 145267IED | 1252              | 4272      | €1,071.07  | 145243IED | 1537              | 5244      | €1,307.43  |
|                  | 1450             | 600               | 1200              | 145220IED | 1096              | 3740      | €925.10    | 145268IED | 1502              | 5125      | €1,226.17  | 145244IED | 1844              | 6292      | €1,476.56  |
|                  | 1650             | 600               | 1400              | 145221IED | 1278              | 4361      | €1,042.83  | 145269IED | 1753              | 5981      | €1,372.83  | 145245IED | 2152              | 7343      | €1,684.64  |
|                  | 1850             | 600               | 1600              | 145222IED | 1461              | 4985      | €1,270.26  | 145270IED | 2003              | 6834      | €1,608.80  | 145246IED | 2459              | 8390      | €1,872.55  |
| 2050             | 600              | 1800              | 145223IED         | 1643      | 5606              | €1,313.83 | 145271IED  | 2254      | 7691              | €1,679.74 | 145247IED  | 2767      | 9441              | €2,112.09 |            |



LST i Plus front case view.



LST i Plus inside the casing showing the emitter.



LST i Plus oblong knockout for pipe.



Optional cover cap to discourage unauthorised tampering.



An arthritic adaptor is supplied as standard for special needs environments.



Accommodated within the casing, the Stelrad LST i Plus emitter, with TBSE valve arrangement and 2 x 1/2" BSP connections as standard.



Includes Danfoss RA-2000 TRV and copper pipe configuration.



The remote sensing thermostatic valve gives accuracy of operation and the limiting device is completely hidden to prevent the maximum temperature being exceeded.



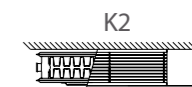
Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).



## IDEAL LST PLUS VERTICAL

**50  $\Delta t$**

(75/65/20°C)



| Casing Height mm | Casing Length mm | Emitter Height mm | Emitter Length mm | Ideal UIN | Heat output Watt Btu/hr | List price |
|------------------|------------------|-------------------|-------------------|-----------|-------------------------|------------|
| <b>2110</b>      | 560              | 1800              | 400               | 142241IED | 1271 4337               | €1,722.47  |
|                  | 660              | 1800              | 500               | 142242IED | 1588 5418               | €1,923.09  |
|                  | 760              | 1800              | 600               | 142243IED | 1855 6330               | €2,123.67  |

$\Delta t50$  is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider  $\Delta t40$  or  $\Delta t30$  output (see your installer or system designer).



LST Plus Vertical inside the casing showing the emitter.



LST Plus Vertical oblong knockout for pipe.

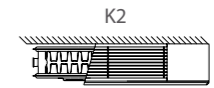


LST Standard circular knockout for TRV. Oblong knockout for pipe.



# IDEAL LST i PLUS XTRA PROTECTION

**50 Δt**  
(75/65/20°C)



| Casing Height mm | Casing Length mm | Emitter Height mm | Emitter Length mm | Ideal UIN | Heat output Watts Btu/hr | List price |
|------------------|------------------|-------------------|-------------------|-----------|--------------------------|------------|
| <b>650</b>       | 650              | 450               | 400               | 146232IED | 478 1631                 | €1,375.16  |
|                  | 850              | 450               | 600               | 146233IED | 717 2446                 | €1,456.23  |
|                  | 1050             | 450               | 800               | 146234IED | 956 3262                 | €1,649.96  |
|                  | 1250             | 450               | 1000              | 146235IED | 1195 4077                | €1,793.17  |
|                  | 1450             | 450               | 1200              | 146236IED | 1434 4893                | €1,943.31  |
|                  | 1650             | 450               | 1400              | 146237IED | 1673 5708                | €2,165.46  |
|                  | 1850             | 450               | 1600              | 146238IED | 1912 6524                | €2,312.91  |
| <b>800</b>       | 2050             | 450               | 1800              | 146239IED | 2151 7339                | €2,467.01  |
|                  | 650              | 600               | 400               | 146240IED | 615 2098                 | €1,454.79  |
|                  | 850              | 600               | 600               | 146241IED | 922 3146                 | €1,582.37  |
|                  | 1050             | 600               | 800               | 146242IED | 1230 4197                | €1,846.01  |
|                  | 1250             | 600               | 1000              | 146243IED | 1537 5244                | €2,076.36  |
|                  | 1450             | 600               | 1200              | 146244IED | 1844 6292                | €2,245.50  |
|                  | 1650             | 600               | 1400              | 146245IED | 2152 7343                | €2,453.52  |
|                  | 1850             | 600               | 1600              | 146246IED | 2459 8390                | €2,641.50  |
| 2050             | 600              | 1800              | 146247IED         | 2767 9441 | €2,880.99                |            |

Δt50 is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider Δt40 or Δt30 output (see your installer or system designer).



LST i Plus Xtra Protection front case view.



LST i Plus Xtra Protection inside the casing showing the emitter.



LST i Plus Xtra Protection oblong knockout for pipe.



Optional cover cap to discourage unauthorised tampering.



An arthritic adaptor is supplied as standard for special needs environments.



Accommodated within the casing, the Stelrad LST i Plus Xtra Protection emitter, with TBSE valve arrangement and 2 x 1/2" BSP connections as standard.



Includes Danfoss RA-2000 TRV and copper pipe configuration.



The remote sensing thermostatic valve gives accuracy of operation and the limiting device is completely hidden to prevent the maximum temperature being exceeded.



# IDEAL CLASSIC TOWEL RAIL

**50  $\Delta t$**

(75/65/20°C)

### STRAIGHT WHITE

### STRAIGHT CHROME

| Height mm   | Length mm | Max Projection mm | Ideal UIN | Heat output Watts | Btu/hr | List Price | Ideal UIN | Heat output Watts | Btu/hr | List Price |
|-------------|-----------|-------------------|-----------|-------------------|--------|------------|-----------|-------------------|--------|------------|
| <b>760</b>  | 500       | 100               | 148070    | 376               | 1282   | €145.49    | 147002    | 246               | 839    | €143.58    |
|             | 600       | 100               | 148071    | 445               | 1517   | €153.44    | 147003    | 294               | 1003   | €151.44    |
| <b>1211</b> | 500       | 100               | 148072    | 576               | 1964   | €206.24    | 147004    | 379               | 1292   | €204.25    |
|             | 600       | 100               | 148073    | 686               | 2339   | €218.55    | 147005    | 453               | 1545   | €216.60    |
| <b>1744</b> | 500       | 100               | 148074    | 844               | 2878   | €279.77    | 142768    | 557               | 1899   | €276.69    |
|             | 600       | 100               | 148075    | 1000              | 3410   | €296.47    | 142769    | 667               | 2274   | €294.48    |

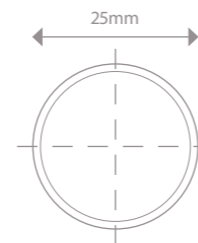
### CURVED WHITE

### CURVED CHROME

| Height mm   | Length mm | Max Projection mm | Ideal UIN | Heat output Watts | Btu/hr | List Price | Ideal UIN | Heat output Watt | Btu/hr | List Price |
|-------------|-----------|-------------------|-----------|-------------------|--------|------------|-----------|------------------|--------|------------|
| <b>760</b>  | 500       | 100               | 147006    | 376               | 1282   | €143.58    | 147012    | 246              | 839    | €145.49    |
|             | 600       | 100               | 147007    | 445               | 1517   | €151.44    | 147013    | 294              | 1003   | €153.44    |
| <b>1211</b> | 500       | 100               | 147008    | 576               | 1964   | €204.25    | 147014    | 379              | 1292   | €206.24    |
|             | 600       | 100               | 147009    | 686               | 2339   | €216.60    | 147015    | 453              | 1545   | €218.55    |
| <b>1744</b> | 500       | 100               | 147010    | 844               | 2878   | €276.69    | 147016    | 557              | 1899   | €279.77    |
|             | 600       | 100               | 147011    | 1000              | 3410   | €294.48    | 147017    | 667              | 2274   | €296.47    |

$\Delta t50$  is the UK and Ireland's industry standard for heating outputs, which has an operating temperature of 75/65/20°C. If you have a low temperature heat source you may wish to consider  $\Delta t40$  or  $\Delta t30$  output (see your installer or system designer).

#### TUBE DIMENSIONS



Straight Chrome



# ELECTRIC<sup>Ⓢ</sup> SERIES

## OUR ELECTRIC RADIATORS AT A GLANCE



Alu Simple Fluid



Alu Simple Dry



Cloud



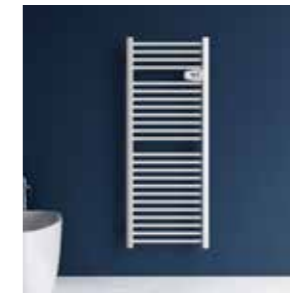
Alyne



Column



Fantasia Fluid



Fantasia Dry



Cobalto



Iridio



Agata



Elegance E-Flow



Cobalto E-Flow



Agata E-Flow



# IDEAL ALU SIMPLE FLUID

The Ideal Alu Simple Fluid is an oil filled radiator made with slimline and compact vertical flat, double aspect tubes. The Ideal Alu Simple Fluid heats up by using an electrical element immersed in thermodynamic oil within the radiator. This maintenance free and specially formulated fluid is designed to distribute the heat quickly and evenly across the radiator, which in turn emits the heat into your room through radiation.

This aluminium radiator has a high heat transfer and a lower surface temperature, so it is practical, user-friendly and ensures the maximum flexibility in terms of use. It is then an excellent solution when different areas of the house have different temperature needs.

| Stelrad UIN    | Colour     | Height mm | Length mm | Heat output   |        | Electric voltage - Frequency | List price |
|----------------|------------|-----------|-----------|---------------|--------|------------------------------|------------|
|                |            |           |           | Power (Watts) | Btu/hr |                              |            |
| E016-0580-0440 | White      | 580       | 440       | 700           | 2390   | 230V - 50Hz                  | €288.65    |
| E016-0580-0600 | White      | 580       | 600       | 1000          | 3414   | 230V - 50Hz                  | €341.18    |
| E016-0580-0840 | White      | 580       | 840       | 1500          | 5121   | 230V - 50Hz                  | €420.29    |
| E016-0580-1000 | White      | 580       | 1000      | 1800          | 6145   | 230V - 50Hz                  | €472.72    |
| E017-0580-0440 | Anthracite | 580       | 440       | 700           | 2390   | 230V - 50Hz                  | €318.04    |
| E017-0580-0600 | Anthracite | 580       | 600       | 1000          | 3414   | 230V - 50Hz                  | €380.87    |
| E017-0580-0840 | Anthracite | 580       | 840       | 1500          | 5121   | 230V - 50Hz                  | €475.44    |
| E017-0580-1000 | Anthracite | 580       | 1000      | 1800          | 6145   | 230V - 50Hz                  | €520.31    |

### Integrated control panel

The colour coordinated push button digital control with an LCD display is located on the top right hand side of the radiator, with numerous functions for efficiency, energy saving and safety in mind.



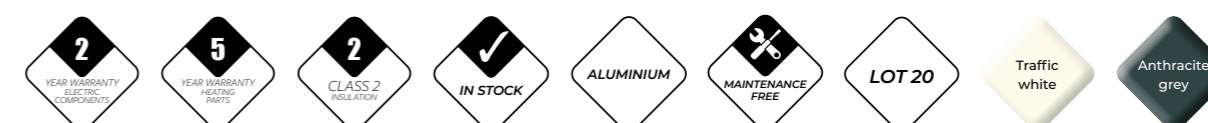
### Infrared remote control

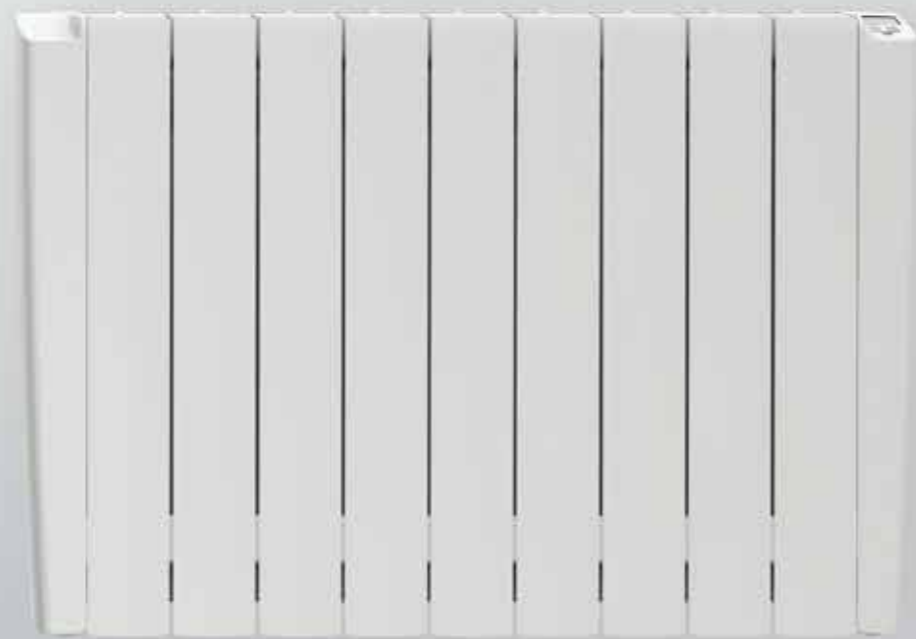


A colour coordinated hand held digital remote control is available with wall mounting brackets.

### Installation

This radiator must be wall mounted and must not be installed immediately below or in front of a power socket or in contact with the wall or floor. If installed within a bathroom, the radiator must be mounted outside zone 1 and the switch / electric control must be in zone 3.





# IDEAL ALU SIMPLE DRY

The Ideal Alu Simple Dry is an aluminium radiator with double lateral tubes encasing a natural volcanic stone. Using dry inertia technology, the radiator heats the air in your rooms via a process of convection with a soft and continuous heat, this means less energy consumption and quicker heat up times as the internal stone gently adapts to the desired temperature.

Corrosion resistant with no fluids or chemicals and with no chance of leaks, this has a high energy efficiency rating due to the stone's natural ability to absorb, hold and radiate heat faster and for longer.

| Stelrad UIN    | Colour     | Height mm | Length mm | Heat output   |        | Electric voltage - Frequency | List price |
|----------------|------------|-----------|-----------|---------------|--------|------------------------------|------------|
|                |            |           |           | Power (Watts) | Btu/hr |                              |            |
| E018-0580-0600 | White      | 580       | 600       | 1000          | 3414   | 230V - 50Hz                  | €375.27    |
| E018-0580-0840 | White      | 580       | 840       | 1500          | 5121   | 230V - 50Hz                  | €450.75    |
| E018-0580-1080 | White      | 580       | 1080      | 2000          | 6828   | 230V - 50Hz                  | €551.54    |
| E019-0580-0600 | Anthracite | 580       | 600       | 1000          | 3414   | 230V - 50Hz                  | €447.34    |
| E019-0580-0840 | Anthracite | 580       | 840       | 1500          | 5121   | 230V - 50Hz                  | €467.59    |
| E019-0580-1080 | Anthracite | 580       | 1080      | 2000          | 6828   | 230V - 50Hz                  | €634.23    |

### Integrated control panel

The colour coordinated push button digital control with an LCD display is located on the top right hand side of the radiator, with numerous functions for efficiency, energy saving and safety in mind.



### Infrared remote control

A colour coordinated hand held digital remote control is available, with wall mounting brackets with numerous functions for efficiency, energy saving and safety in mind.

### Installation

This radiator must be wall mounted and must not be installed immediately below or in front of a power socket or in contact with the wall or floor. If installed within a bathroom, the radiator must be mounted outside zone 1 and the switch / electric control must be in zone 3.





# IDEAL CLOUD

The Ideal Cloud is a smooth fronted, curved faced steel radiator encasing a natural volcanic stone. Using dry inertia technology, the radiator heats the air in your rooms via a process of convection, offering exceptional warmth and remarkable energy efficiency wrapped up in a single solution.

Corrosion resistant with no fluids or chemicals and with no chance of leaks, this has a high energy efficiency rating due to the stone's natural ability to absorb, hold and radiate heat faster and for longer.

| Stelrad UIN    | Colour     | Height mm | Length mm | Heat output   |        | Electric voltage - Frequency | List price |
|----------------|------------|-----------|-----------|---------------|--------|------------------------------|------------|
|                |            |           |           | Power (Watts) | Btu/hr |                              |            |
| E014-0600-0470 | White      | 600       | 470       | 700           | 2390   | 230V - 50Hz                  | €306.67    |
| E014-0600-0550 | White      | 600       | 550       | 1000          | 3414   | 230V - 50Hz                  | €319.41    |
| E014-0600-0830 | White      | 600       | 830       | 1500          | 5121   | 230V - 50Hz                  | €369.28    |
| E014-0600-1040 | White      | 600       | 1040      | 2000          | 6828   | 230V - 50Hz                  | €414.69    |
| E015-0600-0470 | Anthracite | 600       | 470       | 700           | 2390   | 230V - 50Hz                  | €311.41    |
| E015-0600-0550 | Anthracite | 600       | 550       | 1000          | 3414   | 230V - 50Hz                  | €320.59    |
| E015-0600-0830 | Anthracite | 600       | 830       | 1500          | 5121   | 230V - 50Hz                  | €370.48    |
| E015-0600-1040 | Anthracite | 600       | 1040      | 2000          | 6828   | 230V - 50Hz                  | €415.34    |

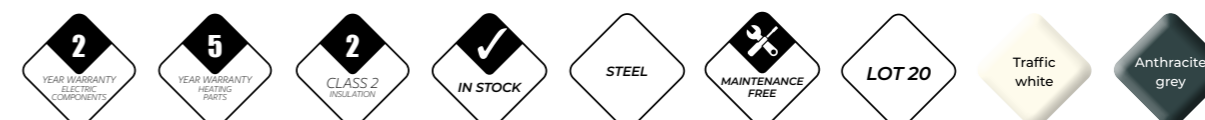
## Integrated control panel

The colour coordinated push button digital control with an LCD display is located on the top right hand side of the radiator, with numerous functions for efficiency, energy saving and safety in mind.



## Installation

This radiator must be wall mounted and must not be installed immediately below or in front of a power socket or in contact with the wall or floor. If installed within a bathroom, the radiator must be mounted outside zone 1 and the switch / electric control must be in zone 3.



## IDEAL ALYNE

The Ideal Alyne is an oil filled radiator made with slimline and compact vertical flat columns which stylishly curve at the top. The Ideal Alyne is a fluid filled radiator which heats up by using an electrical element immersed in thermodynamic oil inside. This maintenance free and specially formulated fluid is designed to distribute the heat quickly and evenly across the radiator, which in turn emits the heat into your room through radiation.

This aluminium radiator has a high heat transfer and a lower surface temperature, so it is practical, user-friendly and ensures the maximum flexibility in terms of use. It is then an excellent solution when different areas of the house have different temperature needs.

| Stelrad UIN    | Colour | Height mm | Length mm | Heat output   |        | Electric voltage - Frequency | List price |
|----------------|--------|-----------|-----------|---------------|--------|------------------------------|------------|
|                |        |           |           | Power (Watts) | Btu/hr |                              |            |
| E022-0580-0580 | White  | 580       | 580       | 1000          | 3414   | 230V - 50Hz                  | €371.30    |
| E022-0580-0820 | White  | 580       | 820       | 1500          | 5121   | 230V - 50Hz                  | €459.22    |
| E022-0580-0980 | White  | 580       | 980       | 1800          | 6145   | 230V - 50Hz                  | €513.51    |

### Integrated control panel

The colour coordinated digital touch screen control is located on the top right hand side of the radiator, with numerous functions for efficiency, energy saving and safety in mind.



### Installation

This radiator must be wall mounted and must not be installed immediately below or in front of a power socket or in contact with the wall or floor. If installed within a bathroom, the radiator must be mounted outside zone 1 and the switch / electric control must be in zone 3.

For further information, please visit [stelrad.com](http://stelrad.com)



# IDEAL COLUMN ELECTRIC

The Ideal Column Electric radiator is a timeless design made from steel; its rounded, vertical tubes blend into any room and any décor with ease. Every model comes with a magnetic thermostat which can be attached to the radiator or removed and used separately.

The columns are filled with a fluid which is heated up using an electrical element immersed in the fluid inside. This maintenance free and specially formulated fluid is designed to distribute the heat quickly and evenly across the radiator, which in turn emits the heat into your room through radiation.

| Stelrad UIN    | Colour     | Height mm | Length mm | Heat output   |        | Electric voltage - Frequency | List price |
|----------------|------------|-----------|-----------|---------------|--------|------------------------------|------------|
|                |            |           |           | Power (Watts) | Btu/hr |                              |            |
| E001-0600-0740 | White      | 600       | 740       | 1000          | 3414   | 230V - 50Hz                  | €690.13    |
| E001-0600-1020 | White      | 600       | 1020      | 1500          | 5121   | 230V - 50Hz                  | €798.88    |
| E001-0600-1160 | White      | 600       | 1160      | 1800          | 6145   | 230V - 50Hz                  | €846.85    |
| E002-0600-0740 | Anthracite | 600       | 740       | 1000          | 3414   | 230V - 50Hz                  | €754.01    |
| E002-0600-1020 | Anthracite | 600       | 1020      | 1500          | 5121   | 230V - 50Hz                  | €855.10    |
| E002-0600-1160 | Anthracite | 600       | 1160      | 1800          | 6145   | 230V - 50Hz                  | €910.75    |

## Removable control

The colour coordinated removable control is magnetically held in place at the top right hand side of the radiator. This also has the option to be removed and wall mounted with the supplied bracket.



## Installation

This radiator must be wall mounted and must not be installed immediately below or in front of a power socket or in contact with the wall or floor. If installed within a bathroom, the radiator must be mounted outside zone 1 and the switch / electric control must be in zone 3.





# IDEAL FANTASIA FLUID

The Ideal Fantasia Fluid is an oil filled towel radiator that provides effective heating and practical drying performance with space for two towels. This popular towel rail has 22 horizontal round tubes and semi-oval manifolds which together result in an efficient, versatile silhouette that also produces heat quickly and flexibly.

The towel radiator is filled with a fluid which is heated up using the electrical element immersed in the fluid inside. This maintenance free and specially formulated fluid is designed to distribute the heat quickly and evenly across the towel radiator, which in turn emits the heat into your room through radiation.

| Stelrad UIN    | Colour     | Height mm | Length mm | Heat output   |        | Electric voltage - Frequency | List price |
|----------------|------------|-----------|-----------|---------------|--------|------------------------------|------------|
|                |            |           |           | Power (Watts) | Btu/hr |                              |            |
| E003-1041-0500 | White      | 1041      | 500       | 500           | 1707   | 230V - 50Hz                  | €221.75    |
| E003-1266-0550 | White      | 1266      | 550       | 700           | 2390   | 230V - 50Hz                  | €247.17    |
| E003-1626-0600 | White      | 1626      | 600       | 1000          | 3414   | 230V - 50Hz                  | €277.20    |
| E004-1041-0500 | Anthracite | 1041      | 500       | 500           | 1707   | 230V - 50Hz                  | €223.55    |
| E004-1266-0550 | Anthracite | 1266      | 550       | 700           | 2390   | 230V - 50Hz                  | €260.55    |
| E004-1626-0600 | Anthracite | 1626      | 600       | 1000          | 3414   | 230V - 50Hz                  | €289.58    |
| E005-1041-0500 | Chrome     | 1041      | 500       | 300           | 1024   | 230V - 50Hz                  | €270.42    |
| E005-1266-0500 | Chrome     | 1266      | 500       | 400           | 1365   | 230V - 50Hz                  | €288.59    |

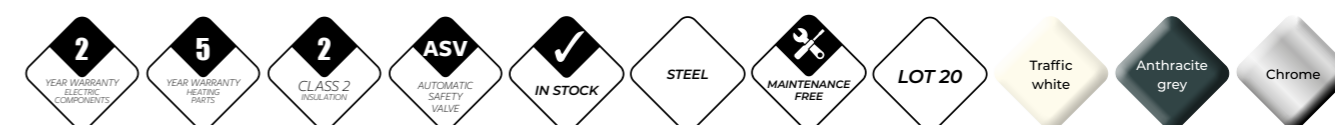
### Integrated control panel

The colour coordinated push button digital control with an LCD display is located on the bottom right hand side of the towel radiator, with numerous functions for efficiency, energy saving and safety in mind.



### Installation

This radiator must be wall mounted and must not be installed immediately below or in front of a power socket or in contact with the wall or floor. If installed within a bathroom, the radiator must be mounted outside zone 1 and the switch / electric control must be in zone 3.





## IDEAL FANTASIA DRY

The Ideal Fantasia Dry electric tubular towel radiator provides effective heating and practical drying performance for any kitchen or bathroom. The sleek straight white rail has 16 or 24 horizontal round tubes and semi-oval manifolds which together result in a smooth, versatile silhouette that also produces heat quickly and flexibly.

The steel manifolds and aluminium tubes are heated via internal electric elements, benefitting from fast and efficient green heat to warm up. This is a greener more environmentally friendly option with simple installation and maintenance.

| Stelrad UIN    | Colour | Height mm | Length mm | Heat output   |        | Electric voltage - Frequency | List price |
|----------------|--------|-----------|-----------|---------------|--------|------------------------------|------------|
|                |        |           |           | Power (Watts) | Btu/hr |                              |            |
| E006-0980-0540 | White  | 980       | 540       | 500           | 1707   | 230V - 50Hz                  | €202.66    |
| E006-1370-0540 | White  | 1370      | 540       | 750           | 2560   | 230V - 50Hz                  | €270.21    |

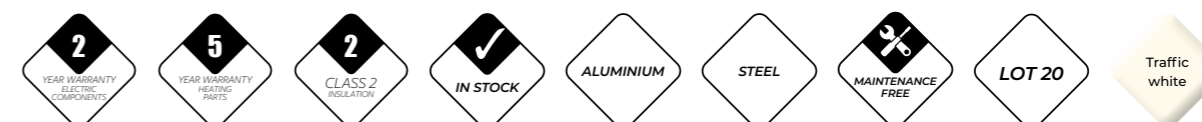
### Integrated control panel

The colour coordinated push button digital control with an LCD display is located on the top right hand side of the towel radiator, with numerous functions for efficiency, energy saving and safety in mind.



### Installation

This radiator must be wall mounted and must not be installed immediately below or in front of a power socket or in contact with the wall or floor. If installed within a bathroom, the radiator must be mounted outside zone 1 and the switch / electric control must be in zone 3.





# IDEAL COBALTO

This thermally efficient electric flat tube towel rail combines captivating good looks with exceptional heating efficiency and offers a sensational solution for heating in the home.

The towel rail is filled with a fluid which is heated up using an electrical element immersed in the fluid inside. This maintenance free and specially formulated fluid is designed to distribute the heat quickly and evenly across the towel radiator, which in turn emits the heat into your room through radiation.

| Stelrad UIN    | Colour | Height mm | Length mm | Heat output   |        | Electric voltage - Frequency | List price |
|----------------|--------|-----------|-----------|---------------|--------|------------------------------|------------|
|                |        |           |           | Power (Watts) | Btu/hr |                              |            |
| E007-1090-0500 | White  | 1090      | 500       | 500           | 1707   | 230V - 50Hz                  | €352.12    |
| E007-1413-0500 | White  | 1413      | 500       | 700           | 2390   | 230V - 50Hz                  | €420.89    |

### Integrated control panel

The colour coordinated push button digital control with an LCD display is located on the bottom right hand side of the towel radiator, with numerous functions for efficiency, energy saving and safety in mind.



### Installation

This radiator must be wall mounted and must not be installed immediately below or in front of a power socket or in contact with the wall or floor. If installed within a bathroom, the radiator must be mounted outside zone 1 and the switch / electric control must be in zone 3.







## IDEAL IRIDIO

An attractive white electric tubular towel radiator, offering timeless elegance and functional energy efficiency. A perfect choice for bathrooms, the Iridio electric towel radiator features a simple and elegant steel tube on tube design that provides adequate and convenient hanging space for towels.

The round steel tubes are filled with a fluid which is heated up using an electrical element immersed in the fluid inside. This maintenance free and specially formulated fluid is designed to distribute the heat quickly and evenly across the towel radiator, which in turn emits the heat into your room through radiation.

| Stelrad UIN    | Colour | Height mm | Length mm | Heat output   |        | Electric voltage - Frequency | List price |
|----------------|--------|-----------|-----------|---------------|--------|------------------------------|------------|
|                |        |           |           | Power (Watts) | Btu/hr |                              |            |
| E013-1195-0500 | White  | 1195      | 500       | 500           | 1707   | 230V - 50Hz                  | €444.89    |
| E013-1523-0500 | White  | 1523      | 500       | 700           | 2390   | 230V - 50Hz                  | €497.98    |
| E013-1810-0600 | White  | 1810      | 600       | 1000          | 3414   | 230V - 50Hz                  | €559.20    |

### Integrated control panel

The colour coordinated push button digital control with an LCD display is located on the bottom right hand side of the towel radiator, with numerous functions for efficiency, energy saving and safety in mind.



### Installation

This radiator must be wall mounted and must not be installed immediately below or in front of a power socket or in contact with the wall or floor. If installed within a bathroom, the radiator must be mounted outside zone 1 and the switch / electric control must be in zone 3.



## IDEAL AGATA

The Ideal Agata comprises of flat electric tubes on an exclusive asymmetric design. It is a modern design combined with impressive visual impact combining contemporary looks with understated functionality.

The flat steel tubes are filled with a fluid which is heated up using an electrical element immersed in the fluid inside. This maintenance free and specially formulated fluid is designed to distribute the heat quickly and evenly across the towel radiator, which in turn emits the heat into your room through radiation.

| Stelrad<br>UIN | Colour | Height<br>mm | Length<br>mm | Heat output   |        | Electric voltage -<br>Frequency | List<br>price |
|----------------|--------|--------------|--------------|---------------|--------|---------------------------------|---------------|
|                |        |              |              | Power (Watts) | Btu/hr |                                 |               |
| E010-1193-0550 | White  | 1193         | 550          | 500           | 1707   | 230V - 50Hz                     | €480.99       |
| E010-1517-0550 | White  | 1517         | 550          | 700           | 2390   | 230V - 50Hz                     | €548.67       |
| E010-1841-0550 | White  | 1841         | 550          | 1000          | 3414   | 230V - 50Hz                     | €658.97       |

### Integrated control panel

The colour coordinated push button digital control with an LCD display is located on the bottom right hand side of the towel radiator, with numerous functions for efficiency, energy saving and safety in mind.



### Installation

This radiator must be wall mounted and must not be installed immediately below or in front of a power socket or in contact with the wall or floor. If installed within a bathroom, the radiator must be mounted outside zone 1 and the switch / electric control must be in zone 3.





## IDEAL ELEGANCE E-FLOW

This curved fronted, enticingly designed, electric steel tubular towel radiator offers top class design and effective heating technology wrapped into one sensational radiator product. Perfect for traditional or modern home décor.

E-Flow technology gives you three impressive products in one, adding the advantages of a traditional electric fan heater to the Elegance towel radiator. The fan heater can be used alone to heat small rooms quickly and efficiently, in combination with the towel warmer to increase output, or as just a towel radiator.

The 25mm round steel tubes are filled with a fluid which is heated up using an electrical element immersed in the fluid inside. This maintenance free and specially formulated fluid is designed to distribute the heat quickly and evenly across the towel radiator, which in turn emits the heat into your room through radiation.

| Stelrad UIN    | Colour     | Height mm | Length mm | Heat output (Towel radiator) |        | Heat output (Fan) |        | Electric voltage-Frequency | List price |
|----------------|------------|-----------|-----------|------------------------------|--------|-------------------|--------|----------------------------|------------|
|                |            |           |           | Power (Watts)                | Btu/hr | Power (Watts)     | Btu/hr |                            |            |
| E020-0894-0550 | White      | 894       | 550       | 500                          | 1707   | 1000              | 3414   | 230V - 50Hz                | €410.85    |
| E020-1223-0550 | White      | 1223      | 550       | 700                          | 2390   | 1000              | 3414   | 230V - 50Hz                | €457.42    |
| E020-1714-0550 | White      | 1714      | 550       | 1000                         | 3414   | 1000              | 3414   | 230V - 50Hz                | €486.76    |
| E021-0894-0550 | Anthracite | 894       | 550       | 500                          | 1707   | 1000              | 3414   | 230V - 50Hz                | €443.48    |
| E021-1223-0550 | Anthracite | 1223      | 550       | 700                          | 2390   | 1000              | 3414   | 230V - 50Hz                | €477.48    |
| E021-1714-0550 | Anthracite | 1714      | 550       | 1000                         | 3414   | 1000              | 3414   | 230V - 50Hz                | €513.77    |

### Integrated control panel

The colour coordinated push button control on the E-Flow fan heater is located at the base of the electric towel radiator, with numerous functions for efficiency, energy saving and safety in mind.



### Infrared remote control

A colour coordinated hand held digital remote control is available with wall mounting brackets.

### Installation

This radiator must be wall mounted and must not be installed immediately below or in front of a power socket or in contact with the wall or floor. If installed within a bathroom, the radiator must be mounted outside zone 1 and the switch / electric control must be in zone 3.



# IDEAL COBALTO E-FLOW

This fashionable flat electric tube towel rail combines captivating good looks with exceptional heating efficiency and offers a sensational solution for heating the home. An answer to those selection headaches when seeking a modish addition to the home's décor, the Cobalto is simply stunning.

E-Flow technology gives you three impressive products in one, adding the advantages of a traditional electric fan heater to the Elegance towel radiator. The fan heater can be used alone to heat small rooms quickly and efficiently, in combination with the towel warmer to increase output, or as just a towel radiator.

The flat steel tubes are filled with a fluid which is heated up using an electrical element immersed in the fluid inside. This maintenance free and specially formulated fluid is designed to distribute the heat quickly and evenly across the towel radiator, which in turn emits the heat into your room through radiation.

| Stelrad UIN    | Colour     | Height mm | Length mm | Heat output (Towel radiator) |        | Heat output (Fan) |        | Electric voltage - Frequency | List price |
|----------------|------------|-----------|-----------|------------------------------|--------|-------------------|--------|------------------------------|------------|
|                |            |           |           | Power (Watts)                | Btu/hr | Power (Watts)     | Btu/hr |                              |            |
| E008-1094-0550 | White      | 1090      | 550       | 500                          | 1707   | 1000              | 3414   | 230V - 50Hz                  | €599.21    |
| E008-1422-0550 | White      | 1420      | 550       | 700                          | 2390   | 1000              | 3414   | 230V - 50Hz                  | €629.54    |
| E008-1730-0550 | White      | 1730      | 550       | 1000                         | 3414   | 1000              | 3414   | 230V - 50Hz                  | €739.10    |
| E009-1094-0550 | Anthracite | 1090      | 550       | 500                          | 1707   | 1000              | 3414   | 230V - 50Hz                  | €560.60    |
| E009-1422-0550 | Anthracite | 1420      | 550       | 700                          | 2390   | 1000              | 3414   | 230V - 50Hz                  | €646.72    |
| E009-1730-0550 | Anthracite | 1730      | 550       | 1000                         | 3414   | 1000              | 3414   | 230V - 50Hz                  | €683.35    |

### Integrated control panel

The colour coordinated push button control on the E-Flow fan heater is located at the base of the electric towel radiator, with numerous functions for efficiency, energy saving and safety in mind.



### Infrared remote control

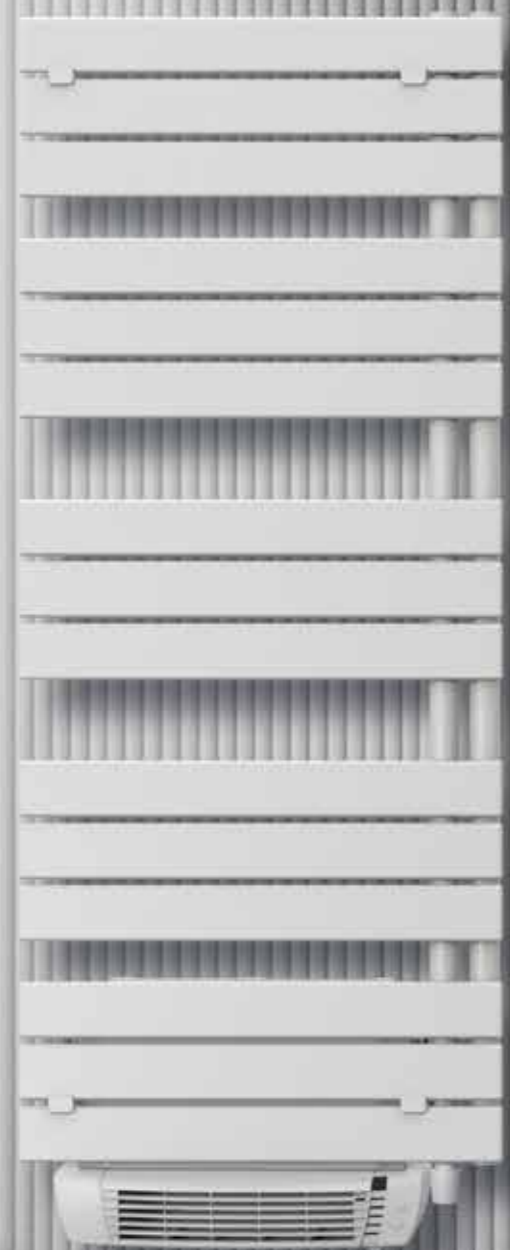
A colour coordinated hand held digital remote control is available with wall mounting brackets.



### Installation

This radiator must be wall mounted and must not be installed immediately below or in front of a power socket or in contact with the wall or floor. If installed within a bathroom, the radiator must be mounted outside zone 1 and the switch / electric control must be in zone 3.





## IDEAL AGATA E-FLOW

The Ideal Agata E-Flow is a straight, flat tube electric towel rail design, featuring five banks of three tubes with spaces between each bank, offering a modern asymmetric design. It combines contemporary design with functional heating and energy saving features.

E-Flow technology gives you three impressive products in one, adding the advantages of a traditional electric fan heater to the Elegance towel radiator. The fan heater can be used alone to heat small rooms quickly and efficiently, in combination with the towel warmer to increase output, or as just a towel radiator.

The flat steel 22mm tubes are filled with a fluid which is heated up using an electrical element immersed in the fluid inside. This maintenance free and specially formulated fluid is designed to distribute the heat quickly and evenly across the towel radiator, which in turn emits the heat into your room through radiation.

| Stelrad UIN    | Colour     | Height mm | Length mm | Heat output (Towel radiator) |        | Heat output (Fan) |        | Electric voltage - Frequency | List price |
|----------------|------------|-----------|-----------|------------------------------|--------|-------------------|--------|------------------------------|------------|
|                |            |           |           | Power (Watts)                | Btu/hr | Power (Watts)     | Btu/hr |                              |            |
| E011-1203-0600 | White      | 1203      | 600       | 500                          | 1707   | 1000              | 3414   | 230V - 50Hz                  | €678.10    |
| E011-1528-0600 | White      | 1528      | 600       | 700                          | 2390   | 1000              | 3414   | 230V - 50Hz                  | €809.05    |
| E011-1852-0600 | White      | 1852      | 600       | 1000                         | 3414   | 1000              | 3414   | 230V - 50Hz                  | €905.25    |
| E012-1203-0600 | Anthracite | 1203      | 600       | 500                          | 1707   | 1000              | 3414   | 230V - 50Hz                  | €687.97    |
| E012-1528-0600 | Anthracite | 1528      | 600       | 700                          | 2390   | 1000              | 3414   | 230V - 50Hz                  | €760.21    |
| E012-1852-0600 | Anthracite | 1852      | 600       | 1000                         | 3414   | 1000              | 3414   | 230V - 50Hz                  | €855.64    |

### Integrated control panel

The colour coordinated push button control on the E-Flow fan heater is located at the base of the electric towel radiator, with numerous functions for efficiency, energy saving and safety in mind.



### Infrared remote control

A colour coordinated hand held digital remote control is available with wall mounting brackets.



### Installation

This radiator must be wall mounted and must not be installed immediately below or in front of a power socket or in contact with the wall or floor. If installed within a bathroom, the radiator must be mounted outside zone 1 and the switch / electric control must be in zone 3.



# ELECTRIC SERIES PRODUCT FEATURES OVERVIEW

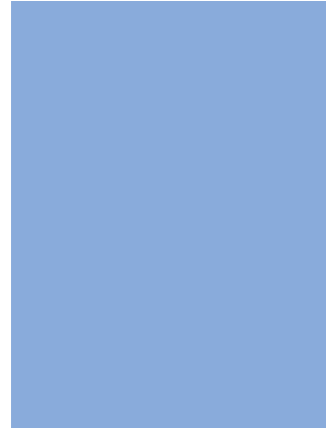
| TECHNOLOGY  | Electric Radiators |                |       |       |                 | Electric Towel Radiators |              |         |        |       | E-Flow Electric Towel Radiators |                |              |
|---|--------------------|----------------|-------|-------|-----------------|--------------------------|--------------|---------|--------|-------|---------------------------------|----------------|--------------|
|   | Alu Simple Fluid   | Alu Simple Dry | Cloud | Alyne | Column Electric | Fantasia Fluid           | Fantasia Dry | Cobalto | Iridio | Agata | Elegance E-Flow                 | Cobalto E-Flow | Agata E-Flow |
| DRY   |                    |                |       |       |                 | 3                        |              |         |        |       |                                 |                |              |
| DRY STONE   |                    | 3              | 3     |       |                 |                          |              |         |        |       |                                 |                |              |
| FLUID   | 3                  |                |       | 3     | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |
| <b>2</b> 2 year warranty on electrical components | 3                  | 3              | 3     | 3     | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |
| <b>3in1</b> 3 in 1 function                       |                    |                |       |       |                 |                          |              |         |        |       | 3                               | 3              | 3            |
| <b>5</b> 5 year warranty on heating parts         | 3                  | 3              | 3     | 3     | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |
| <b>ASC</b> ASC                                    |                    |                | 3     | 3     | 3               | 3                        |              | 3       | 3      | 3     |                                 |                |              |
| <b>*</b> Anti-freeze                              | 3                  | 3              | 3     | 3     | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |
| <b>ASV</b> Automatic Safety Valve                 |                    |                |       |       | 3               | 3                        |              | 3       | 3      | 3     | 3                               | 3              | 3            |
| Behavioural indicator                             |                    |                |       |       |                 | 3                        |              | 3       | 3      | 3     |                                 |                |              |
| Cable (900mm) / 800mm cable                       | 3                  | 3              | 3     | 3     | 3               | 3                        | 3*           | 3       | 3      | 3     | 3                               | 3              | 3            |
| Changing the set point                            |                    |                | 3     | 3     |                 |                          |              |         |        |       |                                 |                |              |
| Child safety                                      | 3                  | 3              | 3     | 3     | 3               | 3                        |              | 3       | 3      | 3     | 3                               | 3              | 3            |
| Chrono  | 3                  | 3              | 3     | 3     | 3               | 3                        |              | 3       | 3      | 3     | 3                               | 3              | 3            |
| Comfort   | 3                  | 3              | 3     | 3     | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |
| Cycle   |                    |                |       |       |                 |                          |              |         |        |       | 3                               | 3              | 3            |
| Easy fit  | 3                  | 3              | 3     | 3     | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |
| Energy saving                                     |                    |                | 3     | 3     | 3               | 3                        |              | 3       | 3      | 3     |                                 |                |              |
| Fan heater  |                    |                |       |       |                 |                          |              |         |        |       | 3                               | 3              | 3            |
| Keypad lock                                       | 3                  | 3              | 3     | 3     | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |
| Holiday   |                    |                | 3     | 3     |                 | 3                        |              | 3       | 3      | 3     |                                 |                |              |
| In stock  | 3                  | 3              | 3     | 3     | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |
| Instantaneous power indicator                     |                    |                |       |       |                 | 3                        |              | 3       | 3      |       |                                 |                |              |
| Insulation class 2                                | 3                  | 3              | 3     | 3     | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |
| Maintenance free                                  | 3                  | 3              | 3     | 3     | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |
| <b>ALUMINIUM</b> Manufactured from Aluminium      | 3                  | 3              |       | 3     |                 | 3                        |              |         |        |       |                                 |                |              |
| <b>STEEL</b> Manufactured from Steel              |                    |                | 3     |       | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |
| Night/Eco   | 3                  | 3              | 3     | 3     | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |
| OK boost  |                    |                |       |       |                 | 3                        |              |         |        |       |                                 |                |              |
| Open window                                       | 3                  | 3              | 3     | 3     | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |
| Operation with remote control                     | 3                  | 3              |       |       | 3               |                          |              |         |        |       | 3                               | 3              | 3            |
| Override (2h)                                     | 3                  | 3              | 3     | 3     | 3               | 3                        |              | 3       | 3      | 3     | 3                               | 3              | 3            |
| Pilot wire  | 3                  | 3              | 3     | 3     | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |
| Reset   |                    |                | 3     | 3     |                 |                          |              |         |        |       |                                 |                |              |
| Standby   | 3                  | 3              | 3     | 3     | 3               | 3                        | 3            | 3       | 3      | 3     | 3                               | 3              | 3            |

# ELECTRIC SERIES ICON KEY

- 2** 2 year warranty  
2 year warranty that covers any defects in the electrical components that is attributed to a manufacturing, assembly or material fault. Further details available on request.
- 3in1** 3 in 1 function  
The E-Flow fan heater at the base of the towel rail includes manual controls for individual use of the towel rail and fan heater or both together as a 3 in 1 unit.
- 5** 5 year warranty  
5 year warranty that covers any defects in the heating parts that is attributed to a manufacturing, assembly or material fault. Further details available on request.
- ASC** Adaptive Start Control  
This function detects the inertia of the room to reach the set temperature and turns the appliance on earlier to make sure the "Comfort" temperature is reached at the set time.
- ALUMINIUM** Aluminium  
This product is made from Aluminium.
- \*** Anti-freeze / Frost protection  
In anti-freeze mode, the minimum temperature is set to 7°C and cannot be altered or adjusted. The appliance comes on automatically at ambient temperatures below 7°C.
- ASV** Automatic Safety Valve  
The fluid towel radiators are fitted with the exclusive ASV (Automatic Safety Valve) safety system, on the top right, to maintain the correct pressure inside the heating appliance, preserving its mechanical characteristics even when exposed to the high wear cycles typical of electrical appliances.
- Behavioural Indicator  
This function allows you to check whether the set temperature is in line with the recommended temperature to avoid waste and reduce energy consumption.
- Cable  
All products come with a 900mm colour coordinated cable (no plug), so they can be spur wired to the heating circuit.
- Changing the set point  
If the set temperature for normal operation does not correspond to the temperature you perceive in the middle of the room, you can change the compensating settings by ±5°C. For example, if the temperature set on the thermostat is 24°C, but it stops heating the room when you measure just 22°C. You can correct the setting you read by -5°C. You can change the setting in stand-by by pressing and holding the OK and - keys.
- Child safety  
When the "Child Safety" function is activated, the surface of the appliance is cooler than in normal operation in the currently active mode ("Comfort", "Night/Eco...") to avoid the risk of burns caused by brief accidental contact.
- Chrono  
In this mode, you can select one of the three preset chrono-thermostat programmes or the custom programme. The latter lets you set a daily and weekly programme with two temperature levels ("Comfort" and "Night/Eco").
- Comfort  
"Comfort" temperature corresponds to the desired temperature chosen by the user.
- Cycle  
The appliance heats for 60 minutes at maximum power, regardless of the temperature set previously.
- Easy fit  
Simple and easy instructions making installation quick and problem free to fit.
- Energy saving  
This reduces consumption if there is no-one in the room. The temperature is set at 17°C.
- Fan heater  
The fan heats for 15-30-45-60 minutes, regardless of temperature previously set.
- Keypad lock  
The control keypad can be locked to prevent accidental changes.
- Holiday  
If you are away from home for a given number of days, you can set the appliance to remain in "anti-freeze" mode during the entire period of absence and automatically reactivate in the previously selected mode when the set number of days has elapsed.
- In stock  
Products are available to order and will be delivered to merchants within the agreed delivery times.
- Instantaneous power indicator  
The instantaneous power icon provides an immediate indication of radiator power use (each section represents 20% of the power).
- Insulation class 2  
A Class II or double insulated electrical radiator uses reinforced protective insulation in addition to basic insulation. Hence, it has been designed in such a way that it does not require a safety connection to electrical earth (ground).
- Maintenance free  
No need to maintain or service this product once installed. However, should any technical problems arise, contact a qualified professional or your local dealer. All operations on the appliance must be carried out by a qualified professional who before performing maintenance must make sure the appliance is turned off, cold and disconnected from the household mains.
- Night/Eco  
"Night/Eco" mode maintains a comfortable temperature with lower energy consumption.
- OK boost  
The appliance can be boosted to 29°C for one or two hours using the OK-boost button, after which the unit returns to previous mode.
- Open window  
The "Open Window" function enables the appliance to automatically detect when a window is opened near the towel warmer (for example, when cleaning the house) and to switch to "anti-freeze" mode to prevent unnecessary heating and avoid wasting energy. Similarly, it can detect when the window is closed and restore the operating conditions set previously.
- Operation with remote control  
This product can be controlled by the remote control.
- Override (2h) / 2h boost  
The appliance heats for two hours at maximum power, irrespective of the set temperature. Two hours after activation, the "Override (2h)" function is deactivated automatically and the appliance switches back to "Comfort" mode.
- Pilot wire  
The temperature is programmed via the "pilot wire" controls.
- Reset  
To reset the default settings, in stand-by, press the + and - keys for 4 seconds. All the programmes and modifications you have made will be cancelled.
- Standby  
In "Standby" mode, the icon, time and day of the week are displayed. All modes, including "pilot wire", are suspended, but power to the appliance remains on waiting to receive the next command.
- STEEL** Steel  
This product is made from Steel.



**TOTAL  
ELECTRIC  
SOLUTIONS.**



Electric heaters are 100% efficient at the point of use, meaning all electricity used is converted into heat.

Because electric heaters have virtually no moving parts, most systems can provide great longevity and reliability than alternative ways of heating.

The Energy related Product (ErP) Directive aims to reduce carbon emissions across Europe by phasing out low efficiency products, for electric heating the directive requires that local space heaters comply with the minimum efficiency standard.



### Future Proofing

Electric heaters can provide a major advantage in home extensions when existing gas central heating systems lack sufficient capacity to heat additional radiators.

Here is our ErP compliant promise to you:

- ✔ Our heaters perform to a high efficiency saving you energy and money on bills.
- ✔ All heaters will include open-window detection offering additional control to save energy.
- ✔ Every heater has an integral temperature control which offers 24 hour and 7 day timers.
- ✔ Users can benefit from additional smart functions from distance heating control and monitoring via the Cozytouch app.



### Electric Heating

Electricity is increasingly being produced from renewable sources reducing the level of carbon intensity. Thermal losses and associated energy consumption have considerably reduced as a result of improvements to the fabric of buildings. Electric heating provides a solution that is 100% efficient at the point of use where every kWh paid for is converted into heat. Electric heating can be controlled with a higher degree of accuracy than other systems offering room by room control which can react quickly to supplementary heat gains, electric heating requires almost no annual maintenance whilst offering greater reliability and a lower capital installation cost.

#### Convected heat

Convected heat is carried around a room in the form of heated air. Air is drawn across a heating element inside the electrical heater and circulated into the room. Heated air is lighter and diffuses the colder air which is denser and raises the ambient temperature. The hotter the electric heater's heating element, the further the convected heat will flow before diffusing into the air.

#### Building Regulations

Building Regulations Approved Document Part L demands that appropriate steps are taken for the conservation of energy by limiting heat loss and heat gain through the material of a home as well as addressing the efficiency of heating, lighting and ventilation. Part L1A applies to the conservation of fuel and power in new dwellings in England.

Part L1B applies to conservation of fuel and power in existing dwellings in England. Part L1A requires that reasonable provision is made for the conservation of fuel and power in buildings by limiting heat gains and losses through thermal elements and other parts of the building fabric and providing fixed building services that are energy efficient and have effective controls to ensure they use no more power than is reasonable in the circumstances.

#### Radiant heat

Unlike convected heat, radiant heat does not rely on the direct heating of air. It relies instead on electromagnetic infrared waves which transfer the energy and release it as heat once it strikes an object. It's this type of heat we get from the sun and an open flame.

#### Safety

Because electric heaters do not burn fuel internally to generate heat, there are none of the associated risks such as carbon monoxide poisoning. This gives electric heaters a greater margin of safety over conventional central heating systems and there is no requirement for an annual safety certificate.

#### Cost

Electric heating and hot water solutions can be a preferred choice amongst housing professionals in certain installations such as flats and apartments due to lower capital costs, faster installation times and system layout flexibilities when compared to conventional heating systems. It is entirely suited to second stage fixing in new builds or for renovations with minimal disruption relying only on a simple connection to the electrical circuits. An electric heater can be installed in matter of minutes and can be operated independently or as part of a heating system.

# Electric Radiator Collection

# F127

Electric radiator

2 YEAR WARRANTY



## COMFORT

- Easy prog: 24h/7, program your device according to your life rhythm for greater comfort and savings
- Class II and IP 24 protection with dual electric insulation for ultimate safety
- Sheathed heating element with an aluminium diffuser (safe, silent and long-lasting)
- Automatic over heat safety device

## SAVINGS

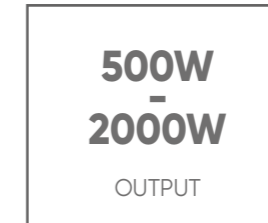
- High-precision electronic thermostat
- Up to 25% energy savings
- ErP-ready

## USER-FRIENDLINESS

- Easy to install: H-shaped vertical support, which can also be used as an installation template
- Ergonomic LCD digital controls
- 2 modes: Manual/Prog



The F127 is an active heat convector with easy to use controls that is suitable for a range of applications. The F127 allows 24 hour, 7 days a week programming to cover a multitude of situations. With it's simple design and easy fixing it's perfect for anything from a single, to high volume installations.

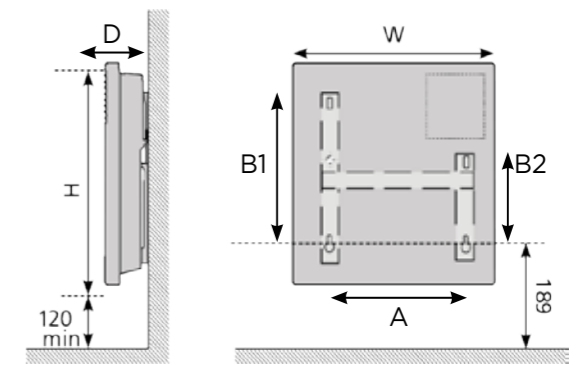


## F127 technical data

| OUTPUT (W) | DEPTH (MM) | WIDTH (MM) | HEIGHT (MM) | WEIGHT (KG) | A   | B1  | B2  | MODEL    | LIST PRICE |
|------------|------------|------------|-------------|-------------|-----|-----|-----|----------|------------|
| 500        | 102        | 370        | 453         | 3.8         | 195 | 256 | 158 | AH500101 | €177.62    |
| 750        | 102        | 370        | 453         | 3.8         | 195 | 256 | 158 | AH500106 | €183.14    |
| 1000       | 102        | 447        | 453         | 4.2         | 269 | 256 | 158 | AH500103 | €188.72    |
| 1250       | 102        | 517        | 453         | 4.4         | 269 | 256 | 158 | AH500107 | €194.31    |
| 1500       | 102        | 590        | 453         | 5.5         | 343 | 256 | 158 | AH500104 | €220.19    |
| 2000       | 102        | 740        | 453         | 6.8         | 491 | 256 | 158 | AH500105 | €223.86    |



- 1 Air outlet wings
- 2 Over-temperature device
- 3 Front panel
- 4 Heating element
- 5 Room temperature sensor
- 6 Control panel



Dimensions in mm.

We reserve the right to change specification without prior notice. Please check final dimensions with your local representative before purchase.

\* Compared to a mechanical convector





## Accessio

Electric Thermofluid Radiator

**2 YEAR  
WARRANTY**

---

### COMFORT

- Radiator fitted with user-friendly digital controls driving energy savings
- Thermofluid technology providing long-lasting heat with no dry air
- Soft homogeneous heat

---

### SAVINGS

- Up to 25% energy savings\* through finest digital control and programming
- 6-command pilot wire: Comfort, Comfort-1°C, Comfort -2°C, Eco, Frost-free, Off
- High-quality electronic thermostat
- ErP-ready

---

### USER-FRIENDLINESS

- Ergonomic LCD digital controls
- 2 modes: Manual/Prog
- ASP (Anti-Staining Process) to reduce staining on wall and on equipment
- Easy to install: H-shaped vertical support



The Accessio is an easy to use electric, fluid-filled radiator that delivers homogeneous long-lasting heat as a result of integral thermofluid technology. Not only that, user friendly digital controls and an electronic thermostat can help homeowners achieve energy savings of up to 25% versus conventional electric heating solutions.



**2 YEAR WARRANTY**

**25% ENERGY SAVINGS**

**300W  
-  
2000W**

OUTPUT

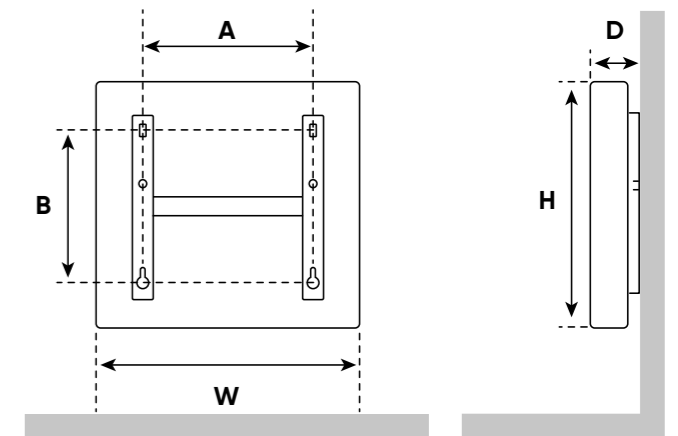
HEAT  
↑↑↑  
CONDUCTING FLUID

THERMOFLUID

| ACCESSIO TECHNICAL DATA |            |            |             |             |        |        |          |            |
|-------------------------|------------|------------|-------------|-------------|--------|--------|----------|------------|
| OUTPUT (W)              | DEPTH (MM) | WIDTH (MM) | HEIGHT (MM) | WEIGHT (KG) | A (MM) | B (MM) | MODEL    | LIST PRICE |
| 300                     | 127        | 410        | 575         | 8.5         | 161    | 354    | AH524903 | €379.09    |
| 500                     | 127        | 410        | 575         | 8.5         | 161    | 354    | AH524905 | €416.96    |
| 750                     | 127        | 490        | 575         | 99          | 241    | 354    | AH524907 | €473.84    |
| 1000                    | 127        | 490        | 575         | 99          | 241    | 354    | AH524910 | €549.66    |
| 1250                    | 127        | 651        | 575         | 13.2        | 400    | 354    | AH524912 | €625.47    |
| 1500                    | 127        | 732        | 575         | 14.8        | 400    | 354    | AH524915 | €663.36    |
| 2000                    | 127        | 973        | 575         | 19.7        | 724    | 354    | AH524920 | €758.14    |



- 1 Heating fluid
- 2 LCD digital controls
- 3 Digital screen showing temperature and energy consumption
- 4 Navigation buttons
- 5 Access to menu/validation



**Dimensions in mm**  
We reserve the right to change specification without prior notice. Please check final dimensions with your local representative before purchase.

\* Compared to a mechanical convector



## Galapagos

Electric Thermofluid Radiator

2 YEAR WARRANTY



### COMFORT

- Homogeneous and gentle heat diffusion
- Thermofluid technology providing long-lasting soft heat
- Remote piloting through a smartphone or a tablet thanks to Cozytouch compatibility

### SAVINGS

- Up to 45% energy savings\* thanks to integrated programming and absence/presence sensor
- Smart Pilot functions memorising user's life rhythm and comfort requirements to drive optimal energy savings
- Open/closed window detection function switching to Anti-frost mode as soon as a window opens
- 6-command pilot wire: Comfort, Comfort - 1°C, Comfort - 2°C, Eco, Anti-frost, Off
- Energy consumption indicator for responsible and informed use of the equipment
- ErP-compliant

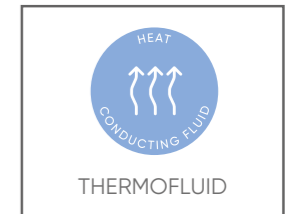
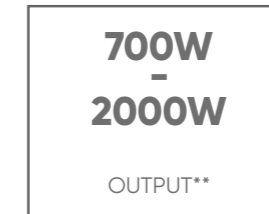
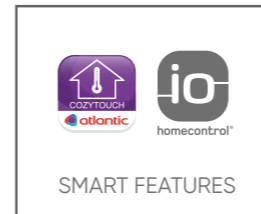
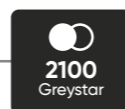
### USER-FRIENDLINESS

- LCD digital controls showing temperature and energy consumption
- ASP (Anti-Staining Process) to reduce staining on wall and equipment
- Easy to install: H-shaped vertical support
- Integrated programming



The Galapagos is a stylish, electric, fluid-filled radiator that distributes uniform heat from its entire surface using thermofluid technology.

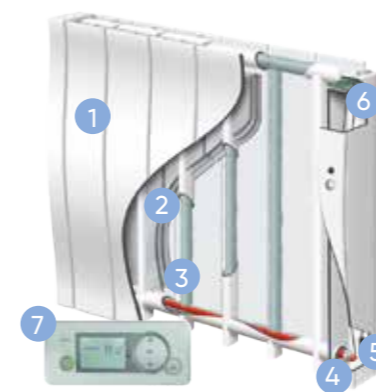
AUTO mode, is an in-built smart control function that tracks the user's requirements and room occupancy and adapts heating accordingly. As well as energy saving features like open window detection that switches the heater to a minimum output when it senses a drop in temperature. The Galapagos has a stylish, curved aluminium front panel ideal for modern homes and kitchens. Available in white or GreyStar.



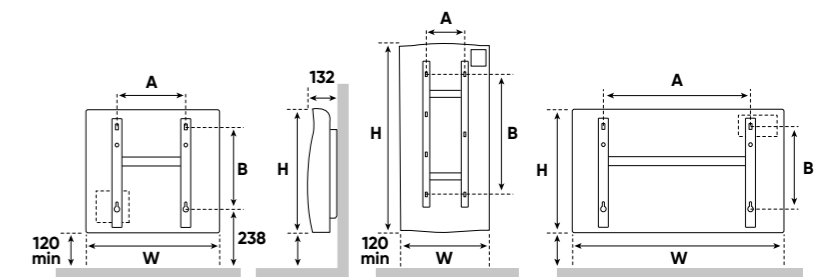
\*\*Not all outputs available in all models

## GALAPAGOS TECHNICAL DATA

| OUTPUT            | DEPTH | WIDTH | HEIGHT | WEIGHT (KG) | A    | B    | WHITE MODEL | LIST PRICE | GREY STAR | LIST PRICE |
|-------------------|-------|-------|--------|-------------|------|------|-------------|------------|-----------|------------|
| (W)               | (MM)  | (MM)  | (MM)   | HORIZONTAL  | (MM) | (MM) |             |            |           |            |
| 750               | 132   | 670   | 590    | 12.4        | 300  | 354  | AH500607    | €543.63    | AH501845  | €689.24    |
| 1000              | 132   | 770   | 590    | 14.4        | 400  | 354  | AH500610    | €611.59    | AH501846  | €776.61    |
| 1250              | 132   | 970   | 590    | 18.4        | 600  | 354  | AH500612    | €689.24    | AH501847  | €873.68    |
| 1500              | 132   | 1070  | 590    | 20.4        | 700  | 354  | AH500615    | €776.61    | AH501848  | €970.78    |
| 2000              | 132   | 1370  | 590    | 26.4        | 800  | 354  | AH500620    | €873.68    | AH501849  | €1,067.87  |
| <b>LOW HEIGHT</b> |       |       |        |             |      |      |             |            |           |            |
| 700               | 133   | 771   | 388    | 11          | 400  | 158  | AH502907    | €559.43    | AH501853  | €873.68    |
| 1000              | 133   | 971   | 388    | 15          | 600  | 158  | AH502910    | €588.64    | AH501854  | €970.78    |
| 1400              | 133   | 1371  | 388    | 21          | 800  | 158  | AH502915    | €698.19    | AH501855  | €1,067.87  |
| <b>VERTICAL</b>   |       |       |        |             |      |      |             |            |           |            |
| 1000              | 133   | 460   | 1290   | 24          | 320  | 1021 | AH501310    | €873.68    | AH501850  | €970.78    |
| 1500              | 133   | 460   | 1590   | 29          | 320  | 1321 | AH501315    | €970.78    | AH501851  | €1,067.87  |
| 1800              | 133   | 460   | 1800   | 33          | 320  | 1521 | AH501320    | €1,067.87  | AH501852  | €1,164.92  |

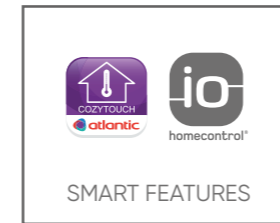


- 1 Aluminium front panel
- 2 Aluminium plates
- 3 Collectors with heating fluid
- 4 Sheathed heating element
- 5 Room temperature sensor
- 6 Control unit
- 7 Control panel



#### Dimensions in mm

We reserve the right to change specification without prior notice. Please check final dimensions with your local representative before purchase.



## Agilia<sup>io</sup> Electric Radiator

2 YEAR WARRANTY



### COMFORT

- Fast acting and gentle heat
- Double heating element: aluminium heating element and wide heating front film
- Integrated programming adjusting to the user's life rhythm
- Remote piloting through a smartphone or a tablet thanks to Cozytouch compatibility

### SAVINGS

- Up to 45% of energy savings\* thanks to integrated programming and absence/presence sensor
- Optional 6-command pilot wire: Comfort, Comfort -1°C, Comfort -2°C, Eco, Frost-free, Off
- Smart Pilot functions memorising user's life rhythm and comfort requirements to drive optimal energy savings
- Open/closed window detection function switching to Anti-frost mode as soon as a window opens
- Energy consumption indicator for responsible and informed use of the appliance
- ErP-compliant

### USER-FRIENDLINESS

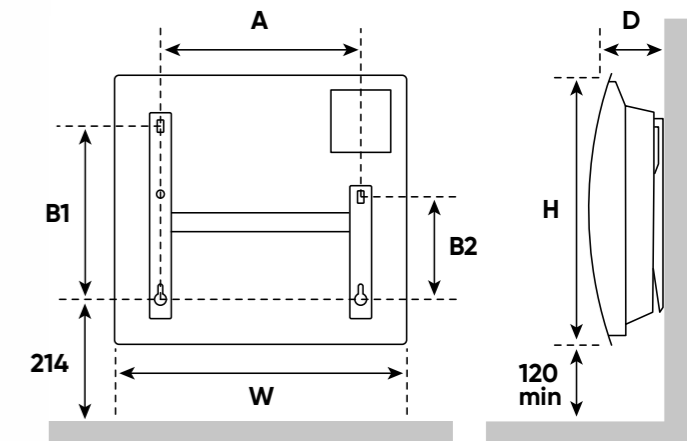
- Ergonomic LCD digital controls showing temperature and energy consumption
- 3 modes: Manual/Prog/Auto
- ASP (Anti-Staining Process) to reduce staining on wall and equipment
- Easy installation: H-shaped vertical support
- Editable integrated programming



The Agilia IO is a compact radiator in a stylish design with a double heating element for fast warm up and homogeneous heating. Adding the Cozytouch app users can control their heating through a smartphone. With integrated absence and presence detectors, along with open window detection the Agilia IO adapts to your lifestyle giving you greater control.



- 1 Fast heating surface
- 2 Absence/presence detectors
- 3 LCD digital controls
- 4 Digital screen
- 5 Navigator buttons
- 6 Access to menu/validation



#### Dimensions in mm

We reserve the right to change specification without prior notice. Please check final dimensions with your local representative before purchase.

\* Compared to a mechanical convector

### AGILIA IO TECHNICAL DATA

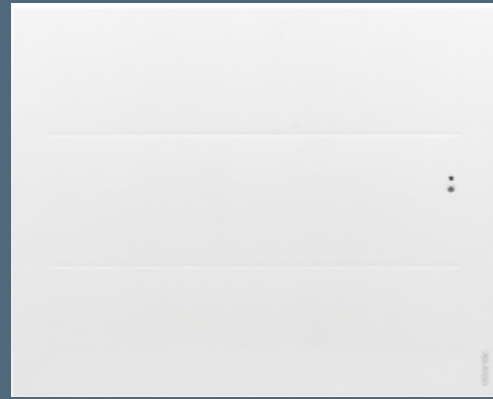
| OUTPUT (W) | DEPTH (MM) | WIDTH (MM) | HEIGHT (MM) | WEIGHT (KG) | A (MM) | B1 (MM) | B2 (MM) | MODEL    | LIST PRICE |
|------------|------------|------------|-------------|-------------|--------|---------|---------|----------|------------|
| 500        | 129        | 372        | 530         | 5.5         | 120.8  | 246     | 158.5   | AH503105 | €363.78    |
| 750        | 129        | 372        | 530         | 5.5         | 120.8  | 246     | 158.5   | AH503107 | €377.13    |
| 1000       | 129        | 446        | 530         | 6           | 194.8  | 246     | 158.5   | AH503110 | €396.14    |
| 1250       | 129        | 520        | 530         | 7.5         | 268.8  | 246     | 158.5   | AH503117 | €416.14    |
| 1500       | 138        | 594        | 530         | 9           | 342.8  | 246     | 158.5   | AH503115 | €445.69    |
| 2000       | 138        | 742        | 530         | 9           | 490.8  | 246     | 158.5   | AH503120 | €484.75    |



## Oniris

Electric radiator

2 YEAR WARRANTY



### COMFORT

- Homogeneous and gentle heat diffusion
- Double heating element: aluminium heating element + wide heating front film
- Remote piloting through a smartphone or a tablet thanks to Cozytouch compatibility

### SAVINGS

- Up to 45% energy savings\* through finest digital controls, programming and absence/presence sensor
- Smart Pilot functions memorising user's life rhythm & comfort requirements to drive optimal energy savings
- Open/closed window detection function switching to Antifrost mode as soon as a window opens
- 6-command pilot wire: Comfort, Comfort - 1°C, Comfort - 2°C, Eco, Anti-frost, Off
- Energy consumption indicator for responsible & informed use of the equipment
- ErP-compliant

### USER-FRIENDLINESS

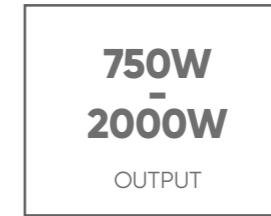
- LCD digital controls showing temperature and energy consumption
- ASP (Anti-Staining Process) to reduce staining on wall and on equipment
- Easy to install: H-shaped vertical support
- Editable integrated programming



The Oniris is a very stylish, digital, electric panel heater featuring a modern aluminum surface and heating element for warmth with style. Complete with occupancy detection, which automatically reduces heat if the room is empty, and open window detection that will switch the heater to a minimum output.

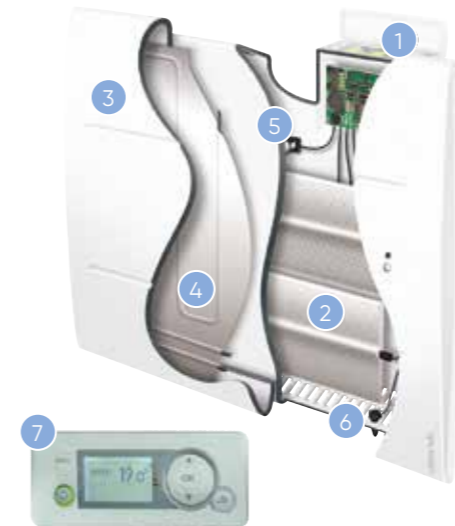


\* Compared to a mechanical convector

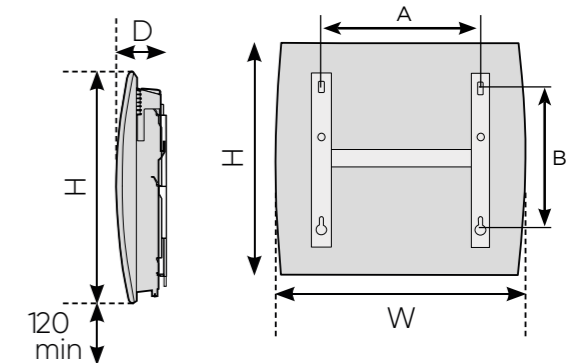


### Oniris technical data

| OUTPUT (W) | DEPTH (MM) | WIDTH (MM) | HEIGHT (MM) | WEIGHT (KG) | A   | B   | MODEL    | LIST PRICE |
|------------|------------|------------|-------------|-------------|-----|-----|----------|------------|
| 750        | 110        | 613        | 615         | 10.8        | 383 | 351 | AH503907 | €559.43    |
| 1000       | 110        | 761        | 615         | 13          | 531 | 351 | AH503910 | €588.64    |
| 1250       | 110        | 909        | 615         | 15.4        | 679 | 351 | AH503912 | €615.87    |
| 1500       | 110        | 1058       | 615         | 18          | 827 | 351 | AH503915 | €698.19    |
| 2000       | 110        | 1205       | 615         | 20.4        | 975 | 351 | AH503920 | €791.97    |



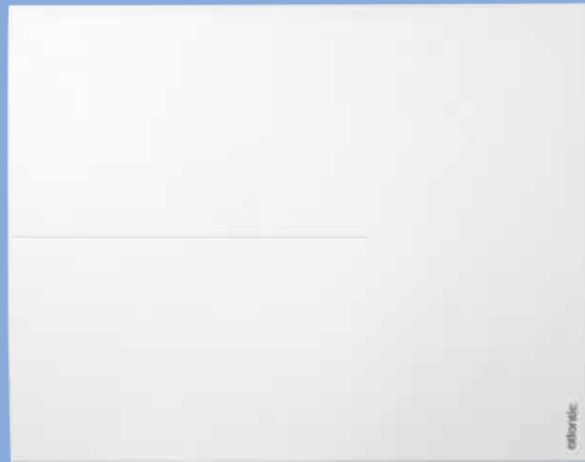
- 1 Digital thermostat
- 2 Aluminium alloy heating element
- 3 Aluminium front panel
- 4 Heating film over the whole surface
- 5 Over-temperature safety device
- 6 Room temperature sensor
- 7 Control panel



Dimensions in mm.

We reserve the right to change specification without prior notice. Please check final dimensions with your local representative before purchase.

## Sokio Electric Radiator



### COMFORT

- Gentle, homogeneous heat
- Integrated programming to adjust to the users life rhythm

### SAVINGS

- Save money thanks to the smart radiator functions:
- Customizable programming
- Open/closed window detection\*\* function switching to anti-frost mode as soon as a window opens

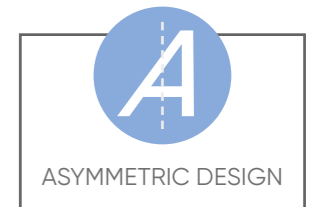
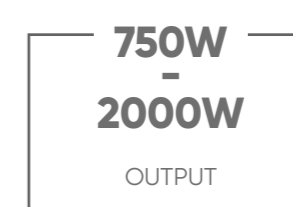
### USER-FRIENDLINESS

- Ergonomic LCD digital controls showing temperature and energy consumption
- 2 modes: Manual/Programmed
- Clean asymmetric design fits in with any room



The Sokio electric radiator combines clean, asymmetric styling with aluminium plate technology giving you soft, homogeneous heat.

Sokio can be used in basic mode, which gives easy, flexible control to the user ensuring the heating is right for them. Alternatively use the Sokio in programmed mode for pre-set times and temperatures.

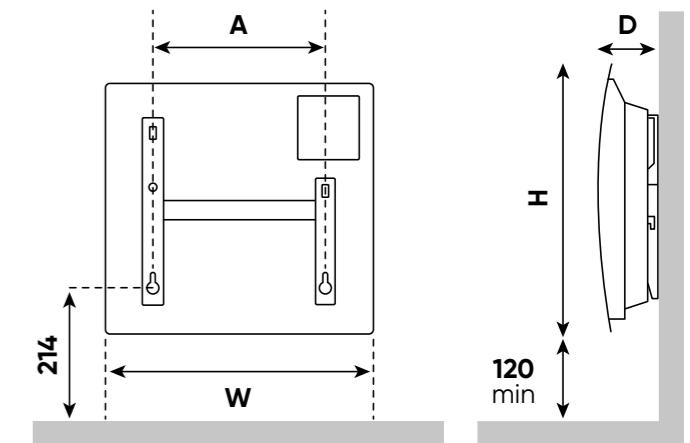


### SOKIO TECHNICAL DATA

| OUTPUT (W) | DEPTH (MM) | WIDTH (MM) | HEIGHT (MM) | WEIGHT (KG) | MODEL    | LIST PRICE |
|------------|------------|------------|-------------|-------------|----------|------------|
| 750        | 130        | 601        | 477         | 8.3         | AH503108 | €280.09    |
| 1000       | 130        | 601        | 477         | 8.3         | AH503109 | €299.05    |
| 1250       | 130        | 823        | 477         | 10.1        | AH503111 | €317.96    |
| 1500       | 130        | 823        | 477         | 10.1        | AH503113 | €336.87    |
| 2000       | 130        | 1045       | 477         | 13.1        | AH503114 | €355.83    |



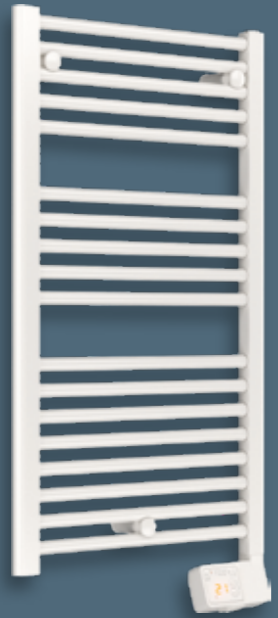
- 1 Control panel
- 2 Sheathed heating element
- 3 Aluminium front panel
- 4 Room temperature sensor
- 5 Digital thermostat



# Sensis

Electric towel dryer

**2 YEAR WARRANTY**



**COMFORT**

- Bathroom radiator: solution for towel warming, towel drying and bathroom heating
- Heat-conducting fluid

**SAVINGS**

- 25% energy savings through integrated programming
- Electronic thermostat
- ErP-compliant

**USER-FRIENDLINESS**

- preprogrammed control with active boost button\*\*
- 3 programming modes: Eco, Comfort and Boost\*\*
- Simple On/Off switch control for 200W

**+**

The Sensis towel dryer uses thermofluid technology and has been designed for comfort and simplicity. Sensis features an integrated programmer, integral, adjustable thermostat with up to 60 minute Boost timer. For use with a third party control use the Sensis 200W with simple On/Off switch control.

**RAL9016 White**



\*Compared to a mechanical convector  
\*\*300W & 500W models only

**2 YEAR WARRANTY**

2 YEAR WARRANTY

**ENERGY SAVINGS**

25% ENERGY SAVINGS\*

**200W - 500W**

OUTPUT

**HEAT CONDUCTING FLUID**

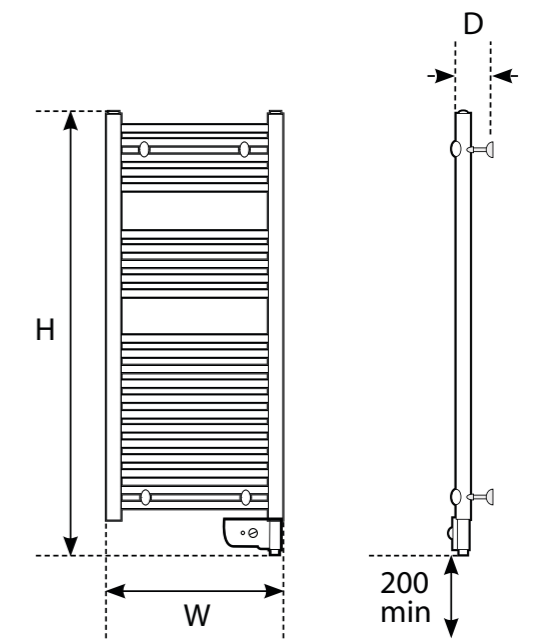
THERMOFLUID

Sensis technical data

| OUTPUT (W) | DEPTH (MM) | WIDTH (MM) | HEIGHT (MM) | WEIGHT (KG) | MODEL    |            |
|------------|------------|------------|-------------|-------------|----------|------------|
|            |            |            |             |             | WHITE    | LIST PRICE |
| 200        | 100        | 400        | 584         | 6           | AH100836 | €209.91    |
| 300        | 100        | 400        | 720         | 7           | AH100837 | €219.05    |
| 500        | 100        | 500        | 884         | 9           | AH100838 | €282.94    |



- 1 Fast heating surface
- 2 Digital display with temperature control
- 3 Thermofluid technology
- 4 Mode Selection
- 5 Boost
- 6 On/Off Switch



Dimensions in mm.

We reserve the right to change specification without prior notice. Please check final dimensions with your local representative before purchase.

# Air Curtain



## COMFORT

- 3 heat settings
- Fan only setting for air circulation
- Automatic safety cut-out for thermal overload protection
- Fitted with integral switches

## EASE OF INSTALLATION

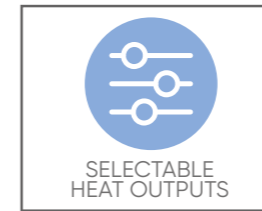
- 3kW & 4.5kW models
- Wall mounting bracket supplied
- Alternatively, the heater can be suspended, wall or trunking mounted
- Optional remote switch



A welcoming curtain of warmth for doorways in shops, hotels, offices and other commercial premises.



Site an air curtain above a frequently opened external door to help prevent heat loss and save energy.

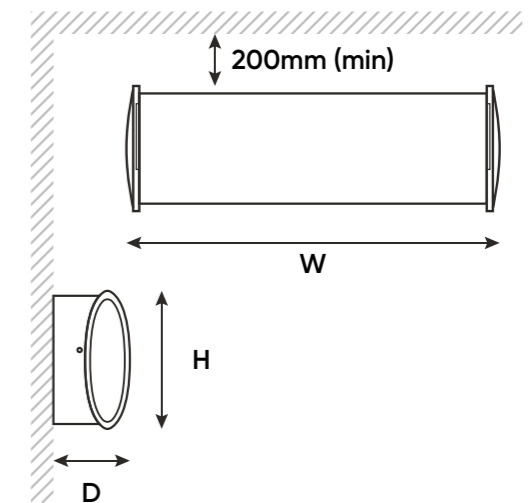


## Air Curtain Technical Data

| OUTPUT (W) | DEPTH (MM) | WIDTH (MM) | HEIGHT (MM) | WEIGHT (KG) |                           | LIST PRICE |        |
|------------|------------|------------|-------------|-------------|---------------------------|------------|--------|
| 3000       | 115        | 634        | 210         | 5.1         | AH303000                  | €300.79    |        |
| 4500       | 115        | 634        | 210         | 5.1         | AH304500                  | €381.20    |        |
|            |            |            |             |             | Air Curtain Remote Switch | AH303005   | €97.09 |



- 1 Inlet grill
- 2 Wall mounting bracket
- 3 Output selection



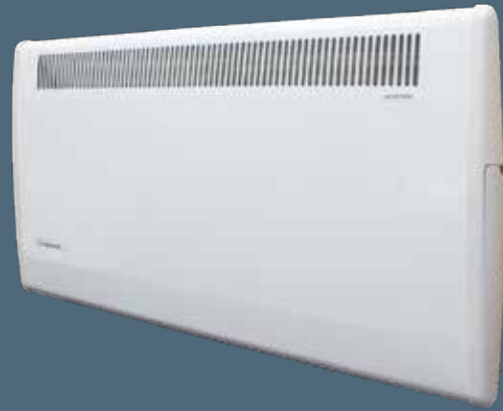
Dimensions in mm.

We reserve the right to change specification without prior notice. Please check final dimensions with your local representative before purchase.

# LST HEATER

Low Surface temperature

1 YEAR WARRANTY



## COMFORT

- Easy prog: 24h/7, program your device according to your life rhythm for greater comfort and savings
- Maximum surface temperature of 43°C
- IP24

## DESIGN

- Concealed digital controls
- Open window detection
- Hinged wall mounting system for easy installation

## USER-FRIENDLINESS

- 4 large control buttons with audible and tactile feedback
- Intelligent Fan Control\*
- 4 operating modes: Programme, Boost, Setback and Comfort
- Electronic lock to prevent tampering with controls



The LST, Low Surface Temperature, electric radiator is a convector heater. The inbuilt safety functions and modulating fan speed\* ensures that the LST only ever achieves a maximum surface temperature of 43°C. The concealed digital controls allow for 24hour/ 7 day programming along with boost and setback options



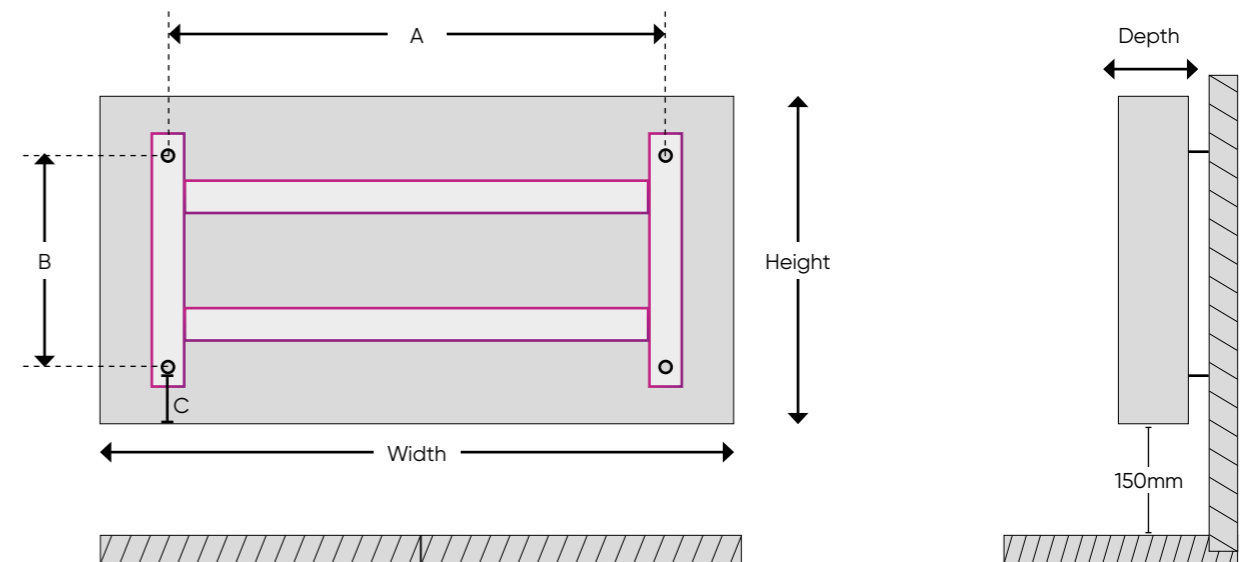
\*Fan only fitted to 1000W and 1500W models

**500W  
-  
1500W**  
OUTPUT\*\*



## LST technical data

| OUTPUT (W) | DEPTH (MM) | WIDTH (MM) | HEIGHT (MM) | WEIGHT (KG) | A   | B   | C   | MODEL  | LIST PRICE |
|------------|------------|------------|-------------|-------------|-----|-----|-----|--------|------------|
| 500        | 93         | 832        | 430         | 5.5         | 506 | 430 | 210 | 225449 | €479.07    |
| 750        | 93         | 1195       | 430         | 5.5         | 506 | 430 | 210 | 225450 | €542.23    |
| 1000       | 93         | 640        | 430         | 6.0         | 364 | 270 | 240 | 219456 | €567.50    |
| 1500       | 93         | 892        | 430         | 8.0         | 616 | 270 | 240 | 219457 | €628.13    |










| Code      | Image | Description                               | Specification   | Colour   | List Price |
|-----------|-------|---|---|--|------------|
| IFVTRVA   |       | I-Flow Vida Angled TRV Pack               | White 15mm x 1/2" with two 14.75mm Irish olives                 | TRV Head: White Valve: Grinding Chrome                       | €24.00     |
| IFVTRVS   |       | I-Flow Vida Straight TRV Pack             | White 15mm x 1/2" with two 14.75mm Irish olives                 | TRV Head: White Valve: Grinding Chrome                       | €24.00     |
| IFWHRV    |       | I-Flow Wheelhead Rad Valve                | Angled 15mm x 1/2" with a 14.75mm Irish olives                  | Grinding Chrome  | €10.00     |
| IFLSRV    |       | I-Flow Lockshield Rad Valve               | Angled 15mm x 1/2" with a 14.75mm Irish olives                  | Grinding Chrome  | €10.00     |
| IFVCA     |       | I-Flow Viana Chrome Rad Valves            | Angled (pair) 15mm x 1/2" with two 14.75mm Irish olives         | Polishing Chrome   | €25.00     |
| IFVCS     |       | I-Flow Viana Chrome Rad Valves            | Straight (pair) 15mm x 1/2" with two 14.75mm Irish olives       | Polishing Chrome   | €25.00     |
| IFVAA     |       | I-Flow Viana Anthracite Rad Valves        | Angled (pair) 15mm x 1/2" with two 14.75mm Irish olives         | Matt Anthracite  | €36.00     |
| IFVAS     |       | I-Flow Viana Anthracite Rad Valves        | Straight (pair) 15mm x 1/2" with two 14.75mm Irish olives       | Matt Anthracite  | €36.00     |
| IFVWA     |       | I-Flow Viana White Rad Valves             | Angled (pair) 15mm x 1/2" with two 14.75mm Irish olives         | White  | €36.00     |
| IFVWS     |       | I-Flow Viana White Rad Valves             | Straight (pair) 15mm x 1/2" with two 14.75mm Irish olives       | White  | €36.00     |
| IFVCORC   |       | I-Flow Viana Corner Chrome Rad Valves     | Corner (pair) 15mm x 1/2" with two 14.75mm Irish Olives         | Polishing Chrome   | €55.00     |
| IFVCORA   |       | I-Flow Viana Corner Anthracite Rad Valves | Corner (pair) 15mm x 1/2" with two 14.75mm Irish Olives         | Matt Anthracite  | €55.00     |
| IFVCW     |       | I-Flow Viana Corner White Rad Valves      | Corner (pair) 15mm x 1/2" with two 14.75mm Irish Olives         | White  | €55.00     |
| IFLTRVWCA |       | I-Flow Luxo Angled TRV Pack               | White/Chrome 15mm x 1/2" with two 14.75mm Irish olives          | TRV Head: Half Chrome half white valve: Grinding Chrome      | €38.00     |
| IFLTRVWCS |       | I-Flow Luxo Straight TRV Pack             | White/Chrome 15mm x 1/2" with two 14.75mm Irish olives          | TRV Head: Half Chrome half white valve: Grinding Chrome      | €38.00     |
| IFLTRVCCA |       | I-Flow Luxo Angled Chrome TRV Pack        | Chrome/Chrome 15mm x 1/2" with two 14.75mm Irish olives         | TRV Head: Whole Chrome Valve: Grinding Chrome                | €38.00     |
| IFLTRVCCS |       | I-Flow Luxo Straight Chrome TRV Pack      | Chrome/Chrome 15mm x 1/2" with two 14.75mm Irish olives         | TRV Head: Whole Chrome Valve: Grinding Chrome                | €38.00     |
| IFLTRVACA |       | I-Flow Luxo Angled Chrome TRV Pack        | Anthracite/Chrome 15mm x 1/2" with two 14.75mm Irish olives     | TRV Head: Half Chrome half Anthracite Valve: Grinding Chrome | €38.00     |
| IFLTRVACS |       | I-Flow Luxo Straight Chrome TRV Pack      | Anthracite/Chrome 15mm x 1/2" with two 14.75mm Irish olives     | TRV Head: Half Chrome half Anthracite Valve: Grinding Chrome | €38.00     |
| IFLTRVAAA |       | I-Flow Luxo Angled Chrome TRV Pack        | Anthracite/Anthracite 15mm x 1/2" with two 14.75mm Irish olives | TRV Head: Whole Matte Anthracite Valve: Grinding Chrome      | €38.00     |
| IFLTRVAAS |       | I-Flow Luxo Straight Chrome TRV Pack      | Anthracite/Anthracite 15mm x 1/2" with two 14.75mm Irish olives | TRV Head: Whole Matte Anthracite Valve: Grinding Chrome      | €38.00     |

| Image          | Description            | Sizes                      | BTU dt50°      | Code      | List Price     |      |
|----------------|------------------------|----------------------------|----------------|-----------|----------------|------|
|                | I-Flow Covo Anthracite | 300mm x 1200mm             | 1060           | IFCOV312A | € 140          |      |
|                |                        | 300mm x 1600mm             | 1395           | IFCOV316A | € 190          |      |
|                |                        | 300mm x 1800mm             | 1830           | IFCOV318A | € 240          |      |
|                |                        | 400mm x 1200mm             | 1303           | IFCOV412A | € 140          |      |
|                |                        | 400mm x 1600mm             | 1711           | IFCOV416A | € 190          |      |
|                |                        | 400mm x 1800mm             | 2304           | IFCOV418A | € 240          |      |
|                |                        | 500mm x 800mm              | 1064           | IFCOV58A  | € 130          |      |
|                |                        | 500mm x 1200mm             | 1546           | IFCOV512A | € 140          |      |
|                |                        | 500mm x 1600mm             | 2027           | IFCOV516A | € 220          |      |
|                |                        | 500mm x 1800mm             | 2777           | IFCOV518A | € 250          |      |
|                |                        | 600mm x 800mm              | 1234           | IFCOV68A  | € 140          |      |
|                |                        | 600mm x 1200mm             | 2104           | IFCOV612A | € 165          |      |
|                |                        | 600mm x 1600mm             | 2342           | IFCOV616A | € 220          |      |
|                |                        | 600mm x 1800mm             | 3251           | IFCOV618A | € 270          |      |
|                | I-Flow Covo Chrome     | 300mm x 1200mm             | 837            | IFCOV312C | € 140          |      |
|                |                        | 300mm x 1600mm             | 1102           | IFCOV316C | € 190          |      |
|                |                        | 300mm x 1800mm             | 1446           | IFCOV318C | € 240          |      |
|                |                        | 400mm x 1200mm             | 1029           | IFCOV412C | € 140          |      |
|                |                        | 400mm x 1600mm             | 1351           | IFCOV416C | € 190          |      |
|                |                        | 400mm x 1800mm             | 1820           | IFCOV418C | € 240          |      |
|                |                        | 500mm x 800mm              | 841            | IFCOV58C  | € 130          |      |
|                |                        | 500mm x 1200mm             | 1221           | IFCOV512C | € 140          |      |
|                |                        | 500mm x 1600mm             | 1601           | IFCOV516C | € 220          |      |
|                |                        | 500mm x 1800mm             | 2194           | IFCOV518C | € 250          |      |
|                |                        | 600mm x 800mm              | 975            | IFCOV68C  | € 140          |      |
|                |                        | 600mm x 1200mm             | 1662           | IFCOV612C | € 165          |      |
|                |                        | 600mm x 1600mm             | 1850           | IFCOV616C | € 220          |      |
|                |                        | 600mm x 1800mm             | 2568           | IFCOV618C | € 270          |      |
|                |                        | I-Flow Covo Chrome Curved  | 500mm x 1200mm | 1244      | IFCOVCUR512C   | €160 |
|                |                        |                            | 600mm x 1200mm | 1691      | IFCOVCUR612C   | €185 |
|                |                        | I-Flow Covo White Straight | 500mm x 800mm  | 1064      | IFCOVWHITE58S  | €130 |
|                |                        |                            | 500mm x 1200mm | 1546      | IFCOVWHITE512S | €140 |
| 500mm x 1800mm | 2777                   |                            | IFCOVWHITE518S | €250      |                |      |



| Radiator Valves |                                |            |               |                |         |            |
|-----------------|--------------------------------|------------|---------------|----------------|---------|------------|
| Image           | Description                    | Colour     | Type          | Sizes          | Code    | List Price |
|                 | i-Flow Wheelhead Rad Valve     |            |               | 14.75mm x 1/2" | IFWHRV  | €10        |
|                 | i-Flow Lockshield Rad Valve    |            |               | 14.75mm x 1/2" | IFLSRV  | €10        |
|                 | i-Flow Viana Rad Valves        | Chrome     | Angled Pair   | 14.75mm x 1/2" | IFVCA   | €25        |
|                 | i-Flow Viana Rad Valves        | Chrome     | Straight Pair | 14.75mm x 1/2" | IFVCS   | €25        |
|                 | i-Flow Viana Rad Valves        | Anthracite | Angled Pair   | 14.75mm x 1/2" | IFVAA   | €36        |
|                 | i-Flow Viana Rad Valves        | Anthracite | Straight Pair | 14.75mm x 1/2" | IFVAS   | €36        |
|                 | i-Flow Viana Rad Valves        | White      | Angled Pair   | 14.75mm x 1/2" | IFVWA   | €36        |
|                 | i-Flow Viana Rad Valves        | White      | Straight Pair | 14.75mm x 1/2" | IFVWS   | €36        |
|                 | i-Flow Viana Corner Rad Valves | Chrome     | Pair          | 14.75mm x 1/2" | IFVCORC | €55        |
|                 | i-Flow Viana Corner Rad Valves | Anthracite | Pair          | 14.75mm x 1/2" | IFCORA  | €55        |
|                 | i-Flow Viana Corner Rad Valves | White      | Pair          | 14.75mm x 1/2" | IFVCW   | €55        |

| I-Flow Life Round Bathroom Accessories |                                |           |            |
|--|--------------------------------|-----------|------------|
| Image                                  | Description                    | Reference | List Price |
|  | Toilet Roll Holder Chrome      | IF54081B  | €30.00     |
|  | Towel Ring Chrome              | IF54082   | €30.00     |
|  | Single Towel Rail 600mm Chrome | IF54083   | €50.00     |
|  | Single Tumbler & Holder Chrome | IF54084   | €30.00     |
|  | Double Tumbler & Holder Chrome | IF54084A  | €50.00     |
|  | Soap Dish & Holder Chrome      | IF54085   | €30.00     |
|  | Soap Dispenser Chrome          | IF54085B  | €50.00     |
|  | Robe Hook Chrome               | IF54086B  | €30.00     |
|  | Double Towel Rail 600mm Chrome | IF54087   | €65.00     |
|  | Swinging Towel Rail Chrome     | IF54087A  | €65.00     |
|  | Glass Shelf Chrome             | IF54088   | €65.00     |
|  | Towel Rack Chrome              | IF540810  | €130.00    |
|  | 4-Piece Starter Pack           | IFLRSP    | €65.00     |

| I-Flow Life Square Bathroom Accessories   |                                |           |            |
|---|--------------------------------|-----------|------------|
| Image   | Description                    | Reference | List Price |
|    | Toilet Roll Holder Chrome      | IF53041B  | €30.00     |
|    | Towel Ring Chrome              | IF53042   | €30.00     |
|    | Single Towel Rail 600mm Chrome | IF53043   | €50.00     |
|    | Single Tumbler & Holder Chrome | IF53044   | €30.00     |
|   | Double Tumbler & Holder Chrome | IF53044A  | €50.00     |
|  | Soap Dish & Holder Chrome      | IF53045   | €30.00     |
|  | Soap Dispenser Chrome          | IF53045B  | €50.00     |
|  | Robe Hook Chrome               | IF53046B  | €30.00     |
|  | Double Towel Rail 600mm Chrome | IF53047   | €65.00     |
|  | Swinging Towel Rail Chrome     | IF53047A  | €65.00     |
|  | Glass Shelf Chrome             | IF53048   | €65.00     |
|  | Towel Rack Chrome              | IF530410  | €130.00    |
|  | 4-Piece Starter Pack           | IFLSSP    | €65.00     |

| I-Flow Life General Bathroom Accessories   |                              |           |            |
|--|------------------------------|-----------|------------|
| Image  | Description                  | Reference | List Price |
|   | Double Corner Basket Chrome  | IF60011   | €65.00     |
|   | Single Corner Basket Chrome  | IF60022   | €50.00     |
|   | Single Bottle Basket Chrome  | IF60023   | €50.00     |
|   | 5ltr Pedal Bin Chrome        | IFBIN5L   | €50.00     |
|  | Toilet Brush & Holder Chrome | IFTB      | €45.00     |

## Vertical Radiators

| Image   | Description                                      | Reference     | List Price |
|---|--|---------------|------------|
|  | Reto (Straight) K2 532mm x 1800mm White Vertical | IFRETO53218W  | €550.00    |
|   | Reto Feet Pair                                   | IFFEETRETOW   | €46.00     |
|  | Torto (Curved) K2 540mm x 1800mm White Vertical  | IFTORTO54018W | €550.00    |
|   | Torto Feet Pair White                            | IFFEETTORTOW  | €46.00     |

## Ideal Energy Underfloor Heating Collection

| Ideal Energy ALU-PE-EX Underfloor  | Reference    | List Price |
|------------------------------------|--------------|------------|
| 16mm x 2mm PEX-AL-PEX- 100mtr Coil | IEUFHP16X100 | € 100.00   |
| 16mm x 2mm PEX-AL-PEX- 200mtr Coil | IEUFHP16X200 | € 200.00   |
| 16mm x 2mm PEX-AL-PEX- 500mtr Coil | IEUFHP16X500 | € 500.00   |

| Ideal Energy Underfloor Heating Manifolds Steel | Reference  | List Price |
|---|------------|------------|
| 4 Port s/s manifold 1" x 3/4" inc Ancillaries   | IEUFHSSM4  | € 197.16   |
| 6 Port s/s manifold 1" x 3/4" inc Ancillaries   | IEUFHSSM6  | € 248.04   |
| 8 Port s/s manifold 1" x 3/4" inc Ancillaries   | IEUFHSSM8  | € 311.64   |
| 10 Port s/s manifold 1" x 3/4" inc Ancillaries  | IEUFHSSM10 | € 368.88   |
| 12 Port s/s manifold 1" x 3/4" inc Ancillaries  | IEUFHSSM12 | € 432.48   |
| 25mm x 20mm Black Pipe Conduit - 100mtr Coil    | IEUFHCP100 | € 80.00    |

| Ideal Energy Underfloor Heating Accessories               | Reference     | List Price |
|---|---------------|------------|
| Clip Rail 16mm x 2mtr                                     | IEUFHCR       | € 4.30     |
| Long 60mm Pipe Clips (300/box)                            | IRUFHLPC      | € 22.40    |
| 18mm (16mm x 2mm) multilayer & plastic Pipe Connector     | IEUFHPC       | € 3.20     |
| 1" Brass Manifold Connector (2 no. required per manifold) | IEUFHMC       | € 4.10     |
| 3/4" Manifold Blanking Caps (2 no. required per manifold) | IEUFHBC       | € 2.60     |
| Differential Pressure Relief Bypass                       | ALT-519002IRE | € 66.20    |
| UFH Multi Zone Mixer Set                                  | 502-1052      | €361.29    |
| 8mm x 150mm x 50mtr Roll Border Insulation                | IEUFHBI       | € 50.00    |
| 390mm x 1000mm Double Aluminium Diffusion Plate 200cc .7g | IEUFHDP       | € 13.50    |
| Clip Gun  | IEUFHCG       | €223.24    |
| Portable Pipe De-Coiler                                   | IEUFHPD       | €320.54    |
| ST 15/60 Heating Circulator (130) 230v 5.8 metres         | 47073         | €139.80    |
| ST 15/60B DHW Circulator (130) 230v 5.8 metres            | 47074         | €212.84    |
| ST 25/80 Heating Circulator (180) 230v 8 metres           | 47075         | €248.40    |

# heatmiser®



| Dial Type Thermostats   | Reference       | List Price |
|---|-----------------|------------|
| DS1 Surface Mount Dial Thermostat                               | DS1-V2          | €29.20     |
| DS1 Surface Mount Dial Thermostat c/w Display                   | DS1-L-V2        | €36.21     |
| Set Back Thermostat   | DS-SB-V3        | €53.73     |
| Slimline Thermostats  | Reference       | List Price |
| Multi-Mode Slimline Thermostat                                  | Slimline V2     | €71.25     |
| Multi-Mode Slimline Electric Floor Thermostat (incl 3mtr probe) | Slimline E V2   | €78.26     |
| Fan Coil Series   | Reference       | List Price |
| Multi Mode Fan Coil Thermostat                                  | Edge HC         | €72.41     |
| Multi Mode Fan Coil Thermostat with Modbus                      | Edge HC Modbus  | €74.76     |
| Edge  | Reference       | List Price |
| Multi Mode Thermostat c/w Modbus                                | Edge            | €64.24     |
| Multi Mode Electric Floor Heating Thermostat with Modbus        | Edge E          | €72.41     |
| Wireless Air Temperature Sensor                                 | RF Sensor       | €19.86     |
| Window / Door Contact Sensor                                    | Door Contact    | €24.53     |
| Touchscreen Thermostats Version 2                               | Reference       | List Price |
| Multi mode Touchscreen Thermostat                               | Touch V2        | €84.10     |
| Multi mode Touchscreen Electric Floor Heating Thermostat        | Touch E V2      | €91.11     |
| Battery Thermostats   | Reference       | List Price |
| Battery Powered Programmable Thermostat                         | Slimline B      | €70.08     |
| Time Clocks   | Reference       | List Price |
| Single Zone Time Clock  | TM1 V3          | €63.07     |
| 4 Zone Time Clock   | TM4 TS V2       | €96.94     |
| Wireless Thermostats  | Reference       | List Price |
| Bundle includes neoAir, RF Switch and Desk Stand                | NeoAir Bundle   | €141.33    |
| Wireless Receivers  | Reference       | List Price |
| 2 Channel Receiver  | RF Switch       | €54.90     |
| Electric Heating RF Receiver                                    | RF Switch 16A   | €59.57     |
| Neo   | Reference       | List Price |
| 230v Neo Stat in White  | Neostat         | €93.44     |
| Fan Coil neoStat  | Neostat HC      | €95.77     |
| 12v neoStat   | Neostat 12v     | €93.44     |
| neoStat-e   | Neostat E       | €99.28     |
| neoStat-hw  | Neostat HW      | €93.44     |
| Wireless neo  | NeoAir          | €93.44     |
| neoPlug   | NeoPlug         | €52.56     |
| Central Control for the Neo System                              | NeoUltra        | €192.73    |
| Homekit Enabled Neo Internet Gateway                            | NeoHub Gen2     | €192.73    |
| Homekit Enabled Neo kit 1 - Heating Only                        | NeoKit 1 Gen2   | €286.17    |
| Homekit Enabled Neo kit 2 - Heating & Hot Water                 | NeoKit 2 Gen2   | €373.77    |
| Homekit Enabled Neo Kit E Electric Floor Heating                | NeoKit E Gen2   | €292.01    |
| Homekit Enabled Wireless Neo Kit                                | NeoAir Kit Gen2 | €320.37    |

| Central Wiring Switch Boxes        | Reference      | List Price |
|------------------------------------|----------------|------------|
| UH8-N 8 Zone Wiring Centre         | UH8-N          | €168.20    |
| 230v 4 Zone Wiring Centre          | UH4            | €81.77     |
| 230v 6 Zone Wiring Centre          | UH6            | €88.77     |
| 230v 8 Zone Wiring Centre          | UH8            | €99.28     |
| 230v 8 Zone Wireless Wiring Centre | UH8-RF         | €168.20    |
| Accessories                        | Reference      | List Price |
| Neo & RF Series Repeater           | Boost          | €66.58     |
| 3mtr Remote Sensor Probe           | Misc103        | €9.34      |
| Empty Sensor Enclosure             | En020          | €9.34      |
| White Thimble Sensor               | Thimble Sensor | €19.86     |
| NeoAir Stand                       | Neoair Stand   | €14.02     |
| Underfloor Heating Accessories     | Reference      | List Price |
| 2 Wire Thermal Actuator            | TA230          | €21.03     |



# Orcon Mechanical Ventilation

Balanced ventilation with heat recovery



Our new HRC Ecomax and Maxcomfort are the balance ventilation systems with heat recovery for every application. The balance is achieved by replacing polluted indoor air extracted from the kitchen, bathroom and cloakroom with an equal volume of fresh, filtered outdoor air supplied to the living areas and bedrooms. During this process the heat from the discharged polluted air is recovered (up to 90% en13141-7) and transferred to the incoming filtered outdoor air. This intelligent system always provides optimum ventilation to meet the current conditions. The result: a lower energy bill and an exceptionally healthy, comfortable indoor climate at all times.

Smart, extremely economical and whisper silent  
The HRC EcoMax and MaxComfort, part of the HealthLine, are the textbook example of economic efficiency and are fully ready for the stricter Dutch requirements for nearly Zero Energy Buildings (nZEB). The low energy consumption of the unit in combination with the high thermal efficiency result in a perfect EPBD rating. Energy consumption has even been reduced by 60% compared to the previous generation, which is due to the fact that the device has been completely redesigned and equipped with the latest ventilation technologies. Examples of this include: Extra-long Recair Ultimate heat exchanger for maximum performance and minimal loss. Best balancing technique, with up to 1% accuracy, always perfectly balanced. Latest ebm-papst 3D scrolls with Radical impellers and intelligent anemometer technology. Intelligent sensors for fully automatic, highly accurate demand-driven operation.



**Ease of installation**  
The HRC EcoMax and MaxComfort not only excel in efficiency but certainly also in ease of installation. Thanks to eight different connection options, no fewer than sixteen connection combinations are possible. The unit is also suitable for use as a left- or right-hand version, allowing it to be installed anywhere. Moreover, the HRC EcoMax and MaxComfort are suitable for both wired and RF-control. This literally means one model for all applications. Easy for the contractor and installer, and lower inventory costs for the wholesaler.

**Simple maintenance**  
The HRC EcoMax and MaxComfort also offer tremendous ease of maintenance. Careful thought was given to service efficiency during development, for example; all important service components are easily accessible for cleaning or replacement. There is also no need to remove the unit from the wall during maintenance work and there are replaceable modules. This saves time and money.

| Description                      | Reference | List Price |
|----------------------------------|-----------|------------|
| ORCON HRC 350 MAXCOMFORT         | 221636    | €2,850.00  |
| ORCON HRC 450 MAXCOMFORT         | 221637    | €2,950.00  |
| REMOTE CONTROL 2180000           | 226957    | €140.00    |
| HRC DISPLAY INBOUW 15RF 21800060 | 226959    | €140.00    |

## ► MECHANICAL VENTILATION PRODUCTS

When specifying or installing a ventilation system, consideration must be given to the total floor area, national Building Regulations, air permeability, occupancy levels, installation standards and ease of user operation and maintenance.



**Mechanical Ventilation with Heat Recovery (MVHR)**

Helps to create a healthy and clean indoor air environment whilst reducing household energy consumption.



**Mechanical Extract Ventilation (MEV)**

A continuous, effective and efficient means of maintaining the indoor air quality that you breathe and live in.



**Decentralised Mechanical Extract Ventilation (dMEV)**

The highly efficient dMEV range offers continuous low level ventilation – to a single wet room, coupled with virtually silent operation.

| Description   | Reference     | List Price |
|---|---------------|------------|
| STANDARD MODEL WITH FULL BYPASS                     | HRXE-ZEUS     | €6,052.73  |
| HRXE-ZEUS ANTI VIBRATION KIT                        | HRXE-ZEUS-H   | €6,225.66  |
| OPPOSITE HANDED MODEL WITH FULL BYPASS              | HRXE-ZEUS-OP  | €6,052.73  |
| OPPOSITE HANDED MODEL WITH FULL BYPASS & HUMIDISTAT | HRXE-ZEUS-OPH | €6,225.66  |
| STANDARD MODEL WITH FULL BYPASS                     | HRXE-HERA     | €2,871.51  |
| INTEGRAL HUMIDISTAT MODEL WITH FULL BYPASS          | HRXE-HERA-H   | €2,957.14  |
| OPPOSITE HANDED MODEL WITH FULL BYPASS              | HRXE-HERA-OP  | €2,871.51  |
| OPPOSITE HANDED MODEL WITH FULL BYPASS & HUMIDISTAT | HRXE-HERA-OPH | €2,957.14  |
| STANDARD MODEL WITH FULL BYPASS                     | HRXE-AURA     | €3,358.53  |
| INTEGRAL HUMIDISTAT MODEL WITH FULL BYPASS          | HRXE-AURA-H   | €3,445.80  |
| OPPOSITE HANDED WITH FULL BYPASS & HUMIDISTAT       | HRXE-AURA-OPH | €3,374.88  |
| MVHR UNIT   | HRX2D         | €4,046.30  |
| CMX-MULTI MEV UNIT                                  | CMX-MULTI     | €858.28    |
| CMX-MULTI-H MEV UNIT WITH HUMIDISTAT                | CMX-MULTI-H   | €906.10    |

## IED Ducting for Mechanical Ventilation

| Image   | Description                             | Reference  | List Price |
|---|---|------------|------------|
|    | Semi-Rigid Duct, 75mm, 50m Coil         | RDD75      | €507.31    |
|    | Semi-Rigid 90° duct connector 75mm      | RDD7590    | €51.36     |
|   | Semi-Rigid duct connector 75mm          | RDC75      | €12.69     |
|    | Manifold (round) 12 no. ports           | RDM-EP150  | €497.28    |
|    | Manifold (rectangular) 9 no. ports      | RDM-MD220  | €497.28    |
|   | 3 x 75mm In-line adaptor 204 x 60mm     | RDA-3FA    | €36.88     |
|   | 3 x 75mm In-line adaptor 220 x 90mm     | RDA-3FC    | €36.88     |
|  | Duct Clips 75mm dia, Pack of 10         | RDCLIP75   | €25.96     |
|  | Manifold Protective Caps                | RDPC75     | €39.47     |
|   | Semi-Rigid Duct Fire Stopping Sleeve    | RDFS75     | €60.05     |
|  | Domus Adapt Fire Stop Sleeve            | RDA-FSK    | €127.85    |
|  | Insulation for 75mm dia Semi-Rigid Duct | RDI-25X5M  | €66.06     |
|  | Plenum 2 x 75mm                         | RDOP-125   | €61.28     |
|  | Plenum Plus Flow Control 2 x 75mm       | RDOP-125FC | €87.35     |

## IED Ducting for Mechanical Ventilation

| Image   | Description  | Reference   | List Price |
|---|--|-------------|------------|
|    | Fire Sleeves Horizontal 204 x 60mm                                   | DFS204      | €51.22     |
|   | Fire Sleeves Horizontal 220 x 90mm                                   | DFS220      | €78.23     |
|    | Fire Sleeves Horizontal 125mm  | DFS125      | €88.04     |
|    | Fire Collar Vertical 125mm   | DFSV125     | €49.39     |
|   | Fire Collar Vertical 150mm   | DFSV150     | €88.99     |
|    | Fire Brake / Sleeve 204 x 60mm                                       | FBS20460H   | €93.84     |
|   | Fire Brake / Sleeve 220 x 90mm                                       | FBS22090H   | €155.63    |
|    | Fire Brake / Sleeve 125mm  | FBS125H     | €152.75    |
|   | Fire Brake / Sleeve 150mm  | FBS150H     | €252.24    |
|  | Fire Rated Ceiling Valves  | 136FR-25M   | €69.90     |
|  | Duct Intumescent Sealant 4 hours Fire Resistance                     | DDSEAL      | €8.53      |
|   | Duct Acrylic Sealant   | DASEAL      | €4.77      |
|  | Duct Tape Aluminium 100mm  | 50TP100     | €20.36     |
|  | Duct Tape PVC 33m  | 123         | €10.05     |
|  | 25mm Foil Faced Duct Wrap 18 x 1.2m                                  | 5200625465  | €201.58    |
|  | Curved Room Terminal - White<br>Other Colours available upon request | ART125-CF1W | €35.86     |
|  | Indent Room Terminal - White<br>Other Colours available upon request | ART125-DT1W | €35.86     |
|  | Square Diffuser Wave - White   | ART125-SD2W | €35.86     |
|  | Square Diffuser - White  | ART125-SD1W | €35.86     |
|  | Circular Diffuser - White  | ART125-CD1W | €35.86     |

## IED Ducting for Mechanical Ventilation

| Image   | Description                      | Reference | List Price |
|---|----------------------------------|-----------|------------|
|    | EP100 Round Pipe 2mtr            | 1200-4    | €16.68     |
|   | EP125 Round Pipe 1mtr            | 1100-5    | €11.60     |
|   | EP125 Round Pipe 2mtr            | 1200-5    | €20.58     |
|   | EP150 Round Pipe 2mtr            | 1200-6    | €25.77     |
|   | EP150 Round Pipe 1mtr            | 1100-6    | €14.42     |
|    | EP100 90° Bend                   | 490       | €4.98      |
|   | EP125 90° Bend                   | 590       | €8.02      |
|   | EP150 90° Bend                   | 690       | €10.36     |
|    | EP100 45° Bend                   | 491       | €6.82      |
|   | EP125 45° Bend                   | 591       | €6.77      |
|   | EP150 45° Bend                   | 691       | €19.36     |
|   | EP100 Equal T Piece              | 492       | €9.68      |
|   | EP125 Equal T Piece              | 592       | €11.25     |
|   | EP150 Equal T Piece              | 692       | €20.34     |
|  | EP100 Straight Connector         | 493       | €2.73      |
|   | EP125 Straight Connector         | 593       | €3.14      |
|   | EP150 Straight Connector         | 693       | €3.83      |
|  | S100 Flat Channel 1.5mtr         | DD015     | €8.55      |
|   | S125 Flat Channel 1mtr           | 510       | €11.79     |
|   | S125 Flat Channel 1.5mtr         | 515       | €17.65     |
|   | S125 Flat Channel 2mtr           | D3-2000   | €21.09     |
|   | MD220 Flat Channel 1mtr          | 910       | €18.85     |
|   | MD220 Flat Channel 1.5mtr        | 915       | €28.33     |
|   | Megaduct 220 Flat Channel 2mtr   | D4-2000   | €34.17     |
|  | Circular Adaptor 165mm - 150mm   | DC165     | €44.11     |
|  | S100 Round - Rectangular Adapter | DD070     | €5.60      |

## IED Ducting for Mechanical Ventilation

| Image   | Description                           | Reference | List Price |
|---|---------------------------------------|-----------|------------|
|    | S100 Horizontal 90° Bend              | DD050     | €5.22      |
|   | S125 Horizontal 90° Bend              | 550       | €9.56      |
|   | MD220 Horizontal 90° Bend             | 950       | €11.91     |
|    | S100 Horizontal 45° Bend              | DD055     | €5.94      |
|   | S125 Horizontal 45° Bend              | 555       | €8.59      |
|   | MD220 Horizontal 45° Bend             | 955       | €10.72     |
|    | S100 Horizontal Equal Tee Piece       | DD080     | €8.67      |
|   | S100 Horizontal Tee Piece             | 582       | €13.51     |
|   | MD220 Equal Tee Piece                 | 982       | €18.70     |
|   | S100 Vertical 90° Bend                | DD060     | €5.97      |
|   | S125 Vertical 90° Bend White          | 560       | €7.65      |
|   | MD220 Vertical 90° Bend               | 960       | €9.48      |
|  | S100 Vertical 45° Bend                | DD075     | €5.94      |
|   | S125 Vertical 45° Bend                | 575       | €6.79      |
|   | MD220 Vertical 45° Bend               | 975       | €8.54      |
|  | S100 Flat Channel Connector           | DD020     | €3.37      |
|   | S125 Flat Channel Connector           | 520       | €4.59      |
|   | MD220 Flat Connector                  | 920       | €5.72      |
|  | S100 Elbow Bend with Spigot           | DD040     | €6.48      |
|   | S125 Elbow Connection 125mm           | 540       | €6.34      |
|   | S125 Elbow Bend with Connection 150mm | 640       | €6.86      |
|  | MD220 Elbow Bend 125mm Spigot         | 951       | €9.88      |
|   | MD220 Elbow Bend 150mm Spigot         | 961       | €9.88      |
|  | Circular Reducer 150 - 125mm          | 118       | €2.64      |
|   | EP Circular Reducer 125 - 100mm       | 119       | €2.64      |



## IED Ducting for Mechanical Ventilation

| Image   | Description  | Reference       | List Price |
|---|--|-----------------|------------|
|    | S125 Round - Rectangular Adapter   | 570             | €8.36      |
|   | MD220 Rectangular - 150mm Round Adapter                                      | 970             | €10.16     |
|    | Double Airbrick - 100mm,125mm,150mm  | 954             | €43.71     |
|    | S100 Airbrick Adapter - 125  | DD077           | €5.60      |
|    | Double Airbrick White<br>(other colours available upon request)              | 905W            | €8.08      |
|    | Horizontal Louvered Airbrick White<br>(other colours available upon request) | 505W            | €8.08      |
|    | MD220 Double Airbrick Adapter  | 977             | €4.02      |
|    | MD220 - Supertube 125 Adapter  | 957             | €4.02      |
|   | 100mm Air Extract or Supply Valve  | 136-04          | €7.65      |
|   | 125mm Air Extract or Supply Valve  | 136-05          | €8.76      |
|  | Universal Roof Cowl (UB41)   | 4411            | €123.94    |
|  | 150mm Aluminium Hose / 25mm Insulation                                       | 6210            | €143.86    |
|  | 160mm - Thermal Pipework x 2mtr  | SST-160-2M      | €134.02    |
|  | 160mm - Thermal Pipework x 1mtr  | SST-160-1M      | €67.01     |
|  | 160mm - Thermal 90° Bend   | SST-160-90B     | €82.85     |
|  | 160mm - Thermal 45° Bend   | SST-160-45B     | €82.85     |
|  | 160mm - Thermal T Piece  | SST-160-TP      | €82.85     |
|  | 160mm - Thermal D - F Connector  | SST-160-DFCON   | €24.27     |
|  | 160mm - Thermal D - D Connector  | SST-160-DDCON   | €24.27     |
|  | 160mm - Thermal 160 - 150mm Adaptor  | SST-160-ADAPTOR | €24.27     |

## IED Ducting for Mechanical Ventilation

| Image   | Description                          | Reference | List Price |
|---|--------------------------------------|-----------|------------|
|    | Insulation Shell for 100mm duct      | TS1100-4  | €15.62     |
|   | Insulation Shell for 125mm duct      | TS1100-5  | €19.99     |
|   | Insulation Shell for 150mm duct      | TS1100-6  | €21.56     |
|    | Insulation Shell for 490             | TS490     | €11.50     |
|   | Insulation Shell for 590             | TS590     | €12.57     |
|   | Insulation Shell for 690             | TS690     | €15.58     |
|    | Insulation Shell for 491             | TS491     | €11.53     |
|   | Insulation Shell for 591             | TS591     | €10.07     |
|   | Insulation Shell for 691             | TS691     | €13.12     |
|   | Insulation Shell for 492             | TS492     | €13.64     |
|   | Insulation Shell for 592             | TS592     | €21.98     |
|   | Insulation Shell for 692             | TS692     | €43.24     |
|  | Insulation Shell for 204 x 60mm Duct | TS510     | €19.99     |
|   | Insulation Shell for 910             | TS910     | €25.91     |
|  | Insulation Shell for 550             | TS550     | €12.57     |
|   | Insulation Shell for 950             | TS950     | €17.53     |
|  | Insulation Shell for 555             | TS555     | €11.25     |
|   | Insulation Shell for 955             | TS955     | €14.20     |
|  | Insulation Shell for 582             | TS582     | €19.63     |
|   | Insulation Shell for 982             | TS982     | €25.18     |
|  | Insulation Shell for 575             | TS575     | €9.28      |
|   | Insulation Shell for 975             | TS975     | €14.05     |
|  | Insulation Shelf for 540             | TS540     | €13.72     |
|   | Insulation Shelf for 961             | TS961     | €17.47     |

# Leading commercial heating products, **a boiler for every plant room**



Made for Ireland



BIM



Cascade for higher output



## EVOMAX 2 30 - 150kW

Available in outputs of 30, 40, 60, 80, 100, 120 and 150kW, Evomax 2 is designed to ensure all installation requirements can be achieved. There is also an LPG Evomax range from 30 to 120 kW for off mains installations.



Wall Hung



BIM



NOx  
Class 6



Flueing  
options



Cascade  
control



### FEATURES & BENEFITS

- 5 year warranty\*
- Robust cast aluminium silicon alloy heat exchanger
- NOx <40mg/kWh (Class 6) for all natural gas models
- High 5:1 turndown
- Up to 99.6% full load efficiency
- Up to 110% part load efficiency
- Exactly the same compact footprint as Evomax, allowing for easy like for like replacement
- Dynamic control menu set up
- Cascade controls option
- Easy servicing; 3 sides removable
- Built in, serviceable flue Non-Return Valve
- Capable of operating at up to 30° ΔT

\*5 year warranty subject to Terms and Conditions. 5 years parts and labour warranty available subject to being commissioned by Ideal Heating. Terms and conditions available at idealheating.com



Applies to Evomax 2 30, 40 and 60kW models only.

**Get a quote today:**

info@idealenergy.ie | 01-9617700

PERFORMANCE DATA

EVOMAX 2 30 - 150kW (Natural Gas)

| Model                                    |              |        | 30    | 40    | 60    | 80     | 100    | 120    | 150    |
|--|--------------|--------|-------|-------|-------|--------|--------|--------|--------|
| Boiler Output (non-condensing) Mean 70°C | Max          | kW     | 30    | 40    | 60    | 80     | 100    | 120    | 150    |
|  | Min          | kW     | 6     | 8     | 12    | 16     | 20     | 24     | 30     |
| Boiler Output (condensing) Mean 40°C     | Max          | kW     | 31.5  | 42.0  | 63.5  | 84.4   | 103.9  | 124.7  | 158    |
|  | Min          | kW     | 6.5   | 8.5   | 12.7  | 17.2   | 21.6   | 26.0   | 32.5   |
| Boiler Input Max Rate                    | Net          | kW     | 30.4  | 40.5  | 60.8  | 82.0   | 102.4  | 122.9  | 153.7  |
|  | Gross        | kW     | 33.7  | 44.9  | 67.4  | 90.9   | 113.6  | 136.4  | 170.5  |
| Boiler Input Min Rate                    | Net          | kW     | 6.1   | 8.1   | 12.2  | 16.4   | 20.5   | 24.6   | 30.7   |
|  | Gross        | kW     | 6.7   | 9.0   | 13.5  | 18.2   | 22.7   | 27.3   | 34.1   |
| Gas Rate                                 | Max rate     | m³/hr  | 3.2   | 4.3   | 6.4   | 8.7    | 10.8   | 13.0   | 16.2   |
| Flue Gas Flow Rate                       | Max Rate     | m³/hr  | 41.30 | 54.05 | 80.65 | 110.10 | 140.50 | 173.33 | 210.70 |
| CO <sub>2</sub> (±0.5%)                  | Max Rate     | %      | 9.76  | 10.20 | 9.40  | 9.30   | 9.40   | 9.62   | 9.44   |
|  | Min Rate     | %      | 8.56  | 8.60  | 8.60  | 8.70   | 8.60   | 8.98   | 8.51   |
| NOx with O <sub>2</sub> = 0% (gross)     | Weighted     | mg/kWh | 34.1  | 33.2  | 35.2  | 34.9   | 34.8   | 33.9   | 35.7   |
| Efficiency                               | Seasonal     | %      | 96.7  | 96.2  | 96.4  | 97.2   | 96.7   | 96.6   | 96.7   |
|  | *SEDBUK 2009 | %      | 89.6  | 89.3  | 89.4  | n/a    | n/a    | n/a    | n/a    |
| Operating Temperature                    | Max          | °C     | 85    |       |       |        |        |        |        |

EVOMAX 2 30 - 120kW (LPG)

| Model                                    |              |        | 30P   | 40P   | 60P   | 80P    | 100P   | 120P   |
|--|--------------|--------|-------|-------|-------|--------|--------|--------|
| Boiler Output (non-condensing) Mean 70°C | Max          | kW     | 30    | 40    | 60    | 80     | 100    | 120    |
|  | Min          | kW     | 6     | 8     | 12    | 16     | 20     | 24     |
| Boiler Output (condensing) Mean 40°C     | Max          | kW     | 30.9  | 41.2  | 62.1  | 82.6   | 101.7  | 123.3  |
|  | Min          | kW     | 6.4   | 8.3   | 12.4  | 16.8   | 21.3   | 25.7   |
| Boiler Input Max Rate                    | Net          | kW     | 30.4  | 40.5  | 60.7  | 81.9   | 102.4  | 122.9  |
|  | Gross        | kW     | 33    | 44    | 66    | 88.9   | 111.2  | 133.4  |
| Boiler Input Min Rate                    | Net          | kW     | 6.1   | 8.1   | 12.0  | 16.2   | 20.5   | 24.6   |
|  | Gross        | kW     | 6.6   | 8.8   | 13.1  | 17.5   | 22.2   | 26.7   |
| Gas Rate                                 | Max rate     | m³/hr  | 1.26  | 1.69  | 2.53  | 3.41   | 4.35   | 5.23   |
| Flue Gas Flow Rate                       | Max Rate     | m³/hr  | 44.09 | 61.68 | 88.66 | 121.57 | 153.60 | 183.81 |
| CO <sub>2</sub> (±0.5%)                  | Max Rate     | %      | 10.9  | 11.2  | 11.4  | 11.4   | 10.8   | 11.2   |
|  | Min Rate     | %      | 10.3  | 9.7   | 10.2  | 10.8   | 10.1   | 10.1   |
| NOx with O <sub>2</sub> = 0% (gross)     | Weighted     | mg/kWh | 52.3  | 64.4  | 67.7  | 63.2   | 65.3   | 41.6   |
| Efficiency                               | Seasonal     | %      | 97.2  | 96.7  | 96.9  | 97.7   | 96.7   | 96.6   |
|  | *SEDBUK 2009 | %      | 90.6  | 90.3  | 90.5  | n/a    | n/a    | n/a    |
| Operating Temperature                    | Max          | °C     | 85    |       |       |        |        |        |

GENERAL DATA

EVOMAX 2 30 - 150kW (Natural Gas & LPG)

| Model                          |           | 30/30P                                | 40/40P | 60/60P | 80/80P | 100/100P | 120/120P | 150 |
|--------------------------------|-----------|---------------------------------------|--------|--------|--------|----------|----------|-----|
| Gas Supply                     |           | 2H - G20 - 20mbar / 3P - G31 - 37mbar |        |        |        |          |          |     |
| Gas Supply Connection          |           | G ¾                                   |        |        |        |          |          |     |
| Flow Connection                |           | G1 ¼                                  |        |        |        |          |          |     |
| Return Connection              |           | G1 ¼                                  |        |        |        |          |          |     |
| Max Pressure (sealed system)   | Bar (psi) | 6                                     |        |        |        |          |          |     |
| Maximum Static Head            | m         | 61                                    |        |        |        |          |          |     |
| Electricity Supply             |           | 230V - 50Hz                           |        |        |        |          |          |     |
| Fuse Rating                    | A         | 4.0                                   |        |        |        |          |          |     |
| Power Consumption              | W         | 81                                    | 138    | 82     | 149    | 187      | 243      | 240 |
| IP Rating                      |           | IPX4D                                 |        |        |        |          |          |     |
| Nominal Flue Size (concentric) | mm        | 80/125*                               |        |        |        | 100/150  |          |     |
| Condensate Drain               | mm        | 25                                    |        |        |        |          |          |     |
| Water Content                  | l         | 3.0                                   |        | 5.0    |        | 7.0      |          | 9.2 |
| Dry Weight                     | Kg        | 47.5                                  |        | 57.5   |        | 73       |          | 81  |
| Weighted Power Level           | dBA       | 55.2                                  | 57.7   | 59     | 59.9   | 62       | 62       | 59  |

\*Optional kit available on 60kW and 80kW models for 100/150mm flue

| Evomax 2 NG BOILER | 30kw NG   | 40kw NG   | 60kw NG   | 80kw NG   | 100kw NG  | 120kw NG  | 150kw NG  |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Code               | 220814    | 220815    | 220816    | 220817    | 220818    | 220819    | 220820    |
| List Price         | €2,693.99 | €2,829.20 | €3,279.96 | €3,403.17 | €4,294.14 | €4,564.60 | €5,804.16 |

| Evomax 2 LPG Boiler | 30kw LPG  | 40kw LPG  | 60kw LPG  | 80kw LPG  | 100kw LPG | 120kw LPG |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Code                | 220823    | 220824    | 220825    | 220826    | 220827    | 220828    |
| List Price          | €2,693.99 | €2,829.20 | €3,279.96 | €3,403.17 | €4,294.14 | €4,564.60 |

| Control & Optional Kits               | Evomax 2 | Reference | List Price |
|---------------------------------------|----------|-----------|------------|
| Varican Module Master Kit             | ✓        | 221229    | €73.56     |
| Varican Module Slave Kit              | ✓        | 221230    | €61.38     |
| Extension Module Kit                  | ✓        | 221231    | €229.81    |
| Opentherm Room Control Kit            | ✓        | 221236    | €174.72    |
| Room Sensor Kit                       | ✓        | 158877    | €92.09     |
| Tank Sensor Kit                       | ✓        | 206798    | €92.09     |
| Outside Sensor Kit                    | ✓        | 206797    | €92.09     |
| Header Flow Tank Immersion Sensor Kit | ✓        | 221232    | €50.37     |
| Header Flow Tank Strap On Sensor Kit  | ✓        | 221233    | €94.44     |
| Safety Interlock Kit                  | ✓        | 221237    | €94.44     |
| 0-10V Pump Control Kit                | ✓        | 221238    | €42.49     |
| Condensate Pump                       | ✓        | 214106    | €102.31    |
| Bacnet Gateway                        | ✓        | 213890    | €1,618.12  |
| KNX Gateway                           | ✓        | 221239    | €532.02    |
| LON Network Gateway                   | ✓        | 213892    | €1,688.96  |
| Modbus Gateway                        | ✓        | 213891    | €1,311.18  |
| Fittings Kit 30 - 60 kw               | ✓        | 208659    | €113.33    |

# EVOMAX 2

## Frame & Header Accessories

| Choose a Frame Kit  | List Price |
|---|------------|
| Standard Height<br>Up to 6 boilers<br>206970<br>1 frame required per boiler i.e. a 6 boiler cascade requires 6 frames | €348.53    |
| Low Height Inline<br>Up to 4 boilers<br>Included with Low Height Header Kit   |            |

Boilers not included with Frame or Header Kits; please remember to add them to your order.

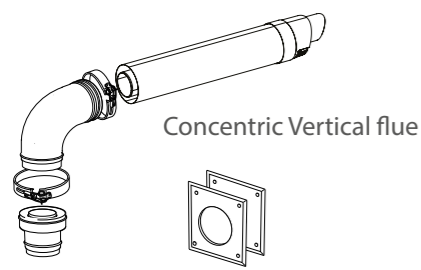
| Choose a Header Kit  | List Price |
|--|------------|
| Standard Height Frame, Inline boilers  |            |
| 2 boilers, 30 - 100kW (DN80) for PHEX & LLH<br>219542  | €2,526.35  |
| 2 boilers, 120 & 150kW (DN100) for PHEX & LLH<br>219547  | €2,656.99  |
| 3 boilers, 30 - 100kW (DN80) for PHEX & LLH<br>219543  | €3,494.38  |
| 3 boilers, 120 & 150kW (DN100) for PHEX & LLH<br>219548  | €3,648.64  |
| 4 boilers, 30 - 150kW (DN100) for PHEX & LLH<br>219549   | €5,265.19  |
| 5 boilers, 30 - 100kW (DN100) for PHEX & LLH<br>5 boilers, 120 & 150kW (DN100), PHEX<br>219545 | €6,256.84  |
| 5 boilers, 120 & 150kW (DN150) for LLH ONLY<br>219550  | €7,780.53  |
| 6 boilers, 30 - 150kW (DN100) for PHEX<br>6 boilers, 30 - 100kW (DN100) for LLH<br>219546      | €7,261.08  |
| 6 boilers, 120 & 150kW (DN150) for LLH ONLY<br>219551  | €8,961.05  |
| Standard Height Frame, Back to Back boilers  |            |
| 2 boilers, 30 - 150kW (DN80) for PHEX & LLH<br>219555  | €2,798.66  |
| 3 boilers, 30 - 150kW (DN80) for PHEX & LLH<br>219556  | €3,294.48  |
| 4 boilers, 30 - 150kW (DN100) for PHEX & LLH<br>219557   | €4,356.97  |
| 5 boilers, 30 - 150kW (DN100) for PHEX & LLH<br>219558   | €5,183.34  |
| 6 boilers, 30 - 150kW (DN100) for PHEX ONLY<br>222397  | €5,959.58  |
| 6 boilers, 30 - 150kW (DN150) for LLH ONLY<br>219559   | €7,615.24  |
| Low Height Frame, Inline boiler  |            |
| 1 boiler, 30 - 150kW for (DN50) for PHEX & LLH<br>221127                                       | €1,358.40  |
| 2 boilers, 30 - 150kW (DN65) for PHEX & LLH<br>221128  | €2,869.50  |
| 3 boilers, 30 - 150kW (DN80) for PHEX & LLH<br>221129  | €4,120.86  |
| 4 boilers, 30 - 150kW (DN100) for PHEX & LLH<br>219561   | €5,702.78  |

| Choose Hydraulic Separation                | List Price |
|--|------------|
| Low Loss / Mixing Header                   |            |
| DN50<br>209394                             | €565.08    |
| DN65<br>209395                             | €572.95    |
| DN80<br>219552                             | €650.08    |
| DN100<br>219553                            | €886.19    |
| DN150<br>219554                            | €2,573.57  |
| Magnetic Low Loss / Mixing Header (MLLH)   |            |
| DN50<br>222191                             | €2,282.52  |
| DN65<br>222192                             | €2,521.62  |
| DN80<br>222193                             | €3,703.74  |
| DN100<br>222194                            | €4,331.79  |
| Plate Heat Exchanger                       |            |
| Up to 60kW total output (DN50)<br>222219   | €957.02    |
| Up to 60kW total output (DN65)<br>222993   | €957.33    |
| Up to 60kW total output (DN80)<br>222220   | €1,098.69  |
| Up to 150kW total output (DN50)<br>222221  | €1,487.48  |
| Up to 150kW total output (DN65)<br>222994  | €1,523.67  |
| Up to 150kW total output (DN80)<br>222222  | €1,618.12  |
| Up to 300kW total output (DN65)<br>222223  | €2,243.02  |
| Up to 300kW total output (DN80)<br>222225  | €2,302.83  |
| Up to 300kW total output (DN100)<br>222995 | €2,337.46  |
| Up to 450kW total output (DN80)<br>222226  | €2,798.66  |
| Up to 450kW total output (DN100)<br>222996 | €2,959.21  |
| Up to 600kW total output (DN100)<br>222227 | €3,436.15  |
| Up to 750kW total output (DN100)<br>222228 | €8,252.73  |
| Up to 900kW total output (DN100)<br>222229 | €9,149.94  |

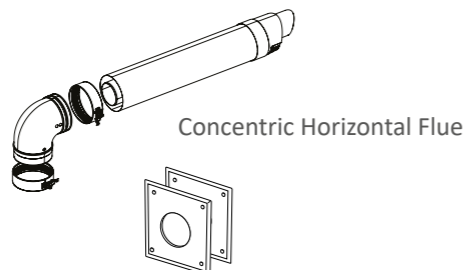
| Choose Pumps   | List Price |
|--|------------|
| Low Loss / Mixing Header Chosen  |            |
| Grundfos UPML (M)LLH Pump Kit<br>222659  | €413.97    |
| Plate Heat Exchanger Chosen  |            |
| Grundfos UPMXXL PHEX Pump Kit<br>222660<br>1 pump required per boiler i.e. a 6 boiler cascade requires 6 pumps | €508.42    |
| No Separation Chosen   |            |
| Grundfos UPML Pump Kit<br>222659   | €413.97    |

If using a Low Loss Header or Plate Heat Exchanger not from Ideal Commercial, please use the pump recommended by the manufacturer

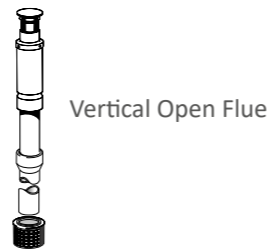
| Choose Insulation                         | List Price |
|---|------------|
| For Standard Height Header Kits           |            |
| DN80/100 Starter Kit<br>222960            | €225.09    |
| DN80/100 Continuation Kit<br>222961       | €207.78    |
| DN80/100 Joined Header Kit<br>222962      | €201.48    |
| For Low Height Header Kits                |            |
| DN50 Starter Kit<br>223032                | €259.78    |
| DN65 Starter Kit<br>223035                | €236.11    |
| DN65 Continuation Kit<br>223036           | €225.09    |
| DN80/100 Starter Kit<br>223038            | €220.37    |
| DN80/100 Continuation Kit<br>223039       | €207.78    |
| DN80/100 Joined Header Kit<br>223040      | €201.48    |
| For Low Loss and Magnetic Low Loss Header |            |
| DN50 (M)LLH Insulation Kit<br>222963      | €188.89    |
| DN60 (M)LLH Insulation Kit<br>222964      | €173.15    |
| DN80/100 (M)LLH Insulation Kit<br>222965  | €177.86    |
| For Grundfos UPML (M)LLH Pump Kit         |            |
| (M)LLH Pump Insulation Kit<br>222894      | €50.37     |



Concentric Vertical flue



Concentric Horizontal Flue

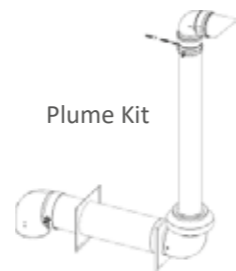


Vertical Open Flue

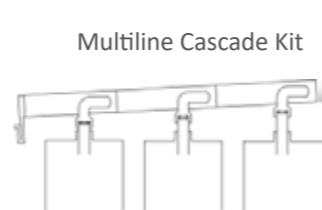
**EVOMAX 2 FLUE KITS**

| Flue Kits - Concentric                        | Reference | List Price |
|---|-----------|------------|
| Vertical Roof Flue (Evo30-80) Kit 80/125      | 220915    | €154.26    |
| Vertical Roof Flue (Evo60-80) Kit 100/150     | 220916    | €236.11    |
| Vertical Roof Flue (Evo100-150) Kit 100/150   | 220918    | €168.42    |
| Horizontal Wall Flue (Evo30-80) Kit 80/125    | 220919    | €121.20    |
| Horizontal Wall Flue (Evo60-80) Kit 100/150   | 220920    | €264.44    |
| Horizontal Wall Flue (Evo100-150) Kit 100/150 | 220921    | €210.93    |
| Extension Kit 80/125                          | 213261    | €64.53     |
| Extension Kit 100/150                         | 213262    | €86.57     |
| Pitched Weather Collar 80/125                 | 152609    | €51.94     |
| Pitched Weather Collar 100/150                | 152610    | €47.37     |
| Flat Weather Collar 80/125                    | 152611    | €47.37     |
| Flat Weather Collar 100/150                   | 152612    | €47.37     |
| 90° Elbow 80/125 Standard (Single )           | 213259    | €58.23     |
| 90° Elbow 100/150 Standard (Single )          | 213263    | €69.23     |
| 90° Elbow 80/125 Extended (Single )           | 222004    | €99.16     |
| 90° Elbow 100/150 Extended (Single )          | 222005    | €116.48    |
| 45° Elbow 80/125 (Single )                    | 213260    | €56.67     |
| 45° Elbow 100/150 (Single )                   | 213258    | €73.98     |
| Wall Bracket 125mm                            | 202242    | €23.60     |
| Wall Bracket 150mm                            | 202243    | €25.19     |

| Flue Kits - Open Flue           | Reference | List Price |
|---------------------------------|-----------|------------|
| Open Flue Kit 80                | 221216    | €62.96     |
| Open Flue Kit 100               | 221218    | €70.83     |
| Vertical Flue Terminal 80       | 158769    | €110.18    |
| Vertical Flue Terminal 100      | 158770    | €121.20    |
| Extension Pipes 80 (Pair)       | 158771    | €78.70     |
| Extension Pipes 100 (Pair)      | 158772    | €126.07    |
| 90° Elbow 80 (Single)           | 158773    | €25.19     |
| 90° Elbow 100 (Single)          | 158774    | €44.07     |
| 45° Elbow 80 (Pair)             | 158775    | €50.37     |
| 45° Elbow 100 (Pair)            | 158776    | €59.81     |
| Pitched Weather Collar 80 & 100 | 158779    | €53.52     |
| Flat Weather Collar 80 & 100    | 152259    | €70.83     |
| Increaser 80 - 100              | 152404    | €88.15     |
| Expander 80/125 - 100/150       | 222133    | €95.56     |



Plume Kit



Multiline Cascade Kit

**EVOMAX 2 FLUE KITS**

| Plume Kits  | Reference | List Price |
|---|-----------|------------|
| Plume Kit 80/125  | 220922    | €237.12    |
| Plume Kit 1m Extension 80/125   | 213274    | €65.75     |
| Plume Kit 90° Elbow 80/125 (single)   | 213272    | €35.36     |
| Plume Kit 45° Elbow 80/125 (pair)   | 213273    | €55.58     |
| Plume Kit 100/150   | 220923    | €319.57    |
| Plume Kit 1m Extension 100/150  | 213277    | €69.44     |
| Plume Kit 90° Elbow 100/150 (single)  | 213275    | €44.83     |
| Plume Kit 45° Elbow 100/150 (pair)  | 213276    | €67.32     |
| Plume Kit 100/150 with adaptor to fit 80/125 (previously known as Plume Terminal Kit) | 220924    | €362.81    |

| Multiline Cascade Kits  | Reference | List Price |
|---|-----------|------------|
| Multiline Starter Kit 80/125  | 220925    | €674.10    |
| Multiline Extension Kit 80/125  | 220926    | €438.70    |
| Multiline Starter Kit 100/150   | 220927    | €698.95    |
| Multiline Extension Kit 100/150   | 220928    | €472.69    |
| Multiline Extension Kit excl NRV80 (to fit Evomax 2 to existing Evomax Multiline installations)   | 222006    | €182.32    |
| Multiline Extension Kit excl NRV 100 (to fit Evomax 2 to existing Evomax Multiline installations) | 222068    | €158.60    |



# A commercial heat pump for every application

MONOBLOC AIR SOURCE HEAT PUMPS  
DESIGNED FOR COMMERCIAL BUILDINGS



ECOMOD 290HT



ECOMOD CO2Q & CO2



ECOMOD



Cascade for higher output



Suitable for commercial properties



Highly efficient COP rating

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CONTACT US



# REFURB PROJECT?... LOOK NO FURTHER

Specialists in stainless steel and home of the patented tank-in-tank concept, we have a wide range of products to **suit all your project needs.**



Wall mounted condensing boilers with stainless steel heat exchanger technology  
40kW to 150kW



Electric boilers  
9kW to 259kW



Stainless steel tank-in-tank cylinders



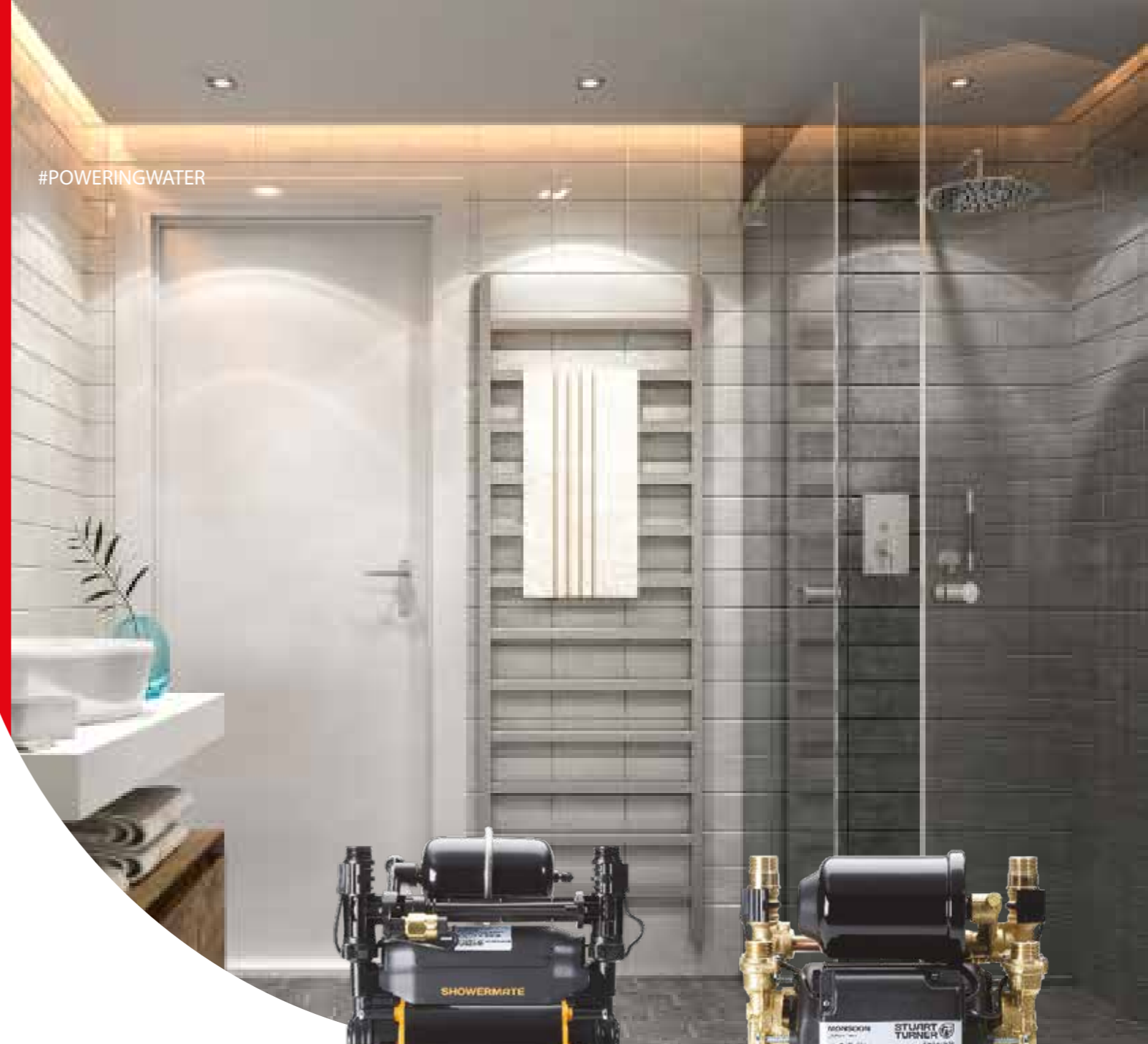
Direct gas fired condensing water heaters  
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#POWERINGWATER



## SHOWERMATE MONSOON



## Monsoon Pump applications

This application table is a general guide only and individual site conditions may vary.

| Pressure bands  | Twin   |     |     |     |      |     |     |     |     |     | Single |     |      |     |     |     |
|---|--------|-----|-----|-----|------|-----|-----|-----|-----|-----|--------|-----|------|-----|-----|-----|
|   | 1.5    |     | 2.0 |     | 3.0  |     | 4.0 |     | 4.5 |     | 2.0    |     | 3.0  |     | 4.5 |     |
|   | Uni    | Std | Uni | Std | Uni  | Std | Uni | Std | Uni | Std | Uni    | Std | Uni  | Std | Uni | Std |
|   | Medium |     |     |     | High |     |     |     |     |     | Med    |     | High |     |     |     |
| Boost hot or cold water to individual taps              |        |     |     |     |      |     |     |     |     |     | •      | •   | •    | •   | •   | •   |
| Bath or basin mixer                                     | •      | •   | •   | •   | •    | •   | •   | •   | •   | •   |        |     |      |     |     |     |
| Boost hot water pressure to blend with mains cold water |        |     |     |     |      |     |     |     |     |     | •      |     | •    |     | •   |     |
| Shower only   | •      | •   | •   | •   | •    | •   | •   | •   | •   | •   | •      | x2  | •    | x2  | •   | x2  |
| Blended shower water                                    |        |     |     |     |      |     |     |     |     |     |        | •   |      | •   |     | •   |
| Multi-function shower with body jets                    |        |     |     |     |      |     |     |     |     |     |        |     | •    | x2  | •   | x2  |
| Boost tank fed cold water supply to electric shower     |        |     |     |     |      |     |     |     |     |     |        | •   |      | •   |     | •   |
| Standard bath-shower/shower                             | •      | •   | •   | •   | •    | •   | •   | •   | •   | •   | •      | x2  | •    | x2  | •   | x2  |
| Bathroom only   | •      | •   | •   | •   | •    | •   | •   | •   | •   | •   | •      | x2  | •    | x2  | •   | x2  |
| Supply to combination boiler from a break tank          |        |     |     |     |      |     |     |     |     |     |        | •   |      | •   |     | •   |
| Apartments  | •      |     | •   |     | •    |     | •   |     | •   |     | •      | x2  | •    | x2  |     | •   |
| Whole house up to 2 bathrooms                           | •      | •   | •   | •   | •    | •   | •   | •   | •   | •   | •      | x2  | •    | x2  | •   | x2  |
| Whole house up to 3 bathrooms                           |        |     |     |     |      |     |     |     |     |     |        |     | •    | x2  | •   | x2  |

## Showermate Pump applications

| Pressure bands  | Twin   |     |     |     |     |     | Single |     | Single |     |
|---|--------|-----|-----|-----|-----|-----|--------|-----|--------|-----|
|   | 2.0    |     | 2.6 |     | 1.5 | 2.0 | 2.6    |     | 2.0    |     |
|   | Uni    | Std | Uni | Std | Std | Std | Uni    | Std | Std    | Std |
|   | Medium |     |     |     |     |     | Medium |     |        |     |
| Boost hot or cold water to individual taps              |        |     |     |     |     |     | •      | •   | •      |     |
| Bath or basin mixer                                     | •      | •   | •   | •   | •   | •   |        |     |        |     |
| Boost hot water pressure to blend with mains cold water |        |     |     |     |     |     | •      |     |        |     |
| Shower only   | •      | •   | •   | •   | •   | •   |        |     |        |     |
| Blended shower water                                    |        |     |     |     |     |     |        | •   | •      |     |
| Multi-function shower with body jets                    |        |     |     |     |     |     |        |     |        |     |
| Boost tank fed cold water supply to electric shower     |        |     |     |     |     |     | •      |     |        |     |
| Standard bath-shower/shower                             | •      | •   | •   | •   | •   | •   |        |     |        |     |
| Bathroom only   | •      | •   | •   | •   | •   | •   |        |     | •      |     |
| Supply to combination boiler from a break tank          |        |     |     |     |     |     |        |     |        |     |
| Apartments  |        |     |     |     |     |     |        |     |        |     |
| Whole house up to 2 bathrooms                           |        |     |     |     |     |     |        |     |        |     |
| Whole house up to 3 bathrooms                           |        |     |     |     |     |     |        |     |        |     |

## Monsoon Product range

5 YEAR WARRANTY

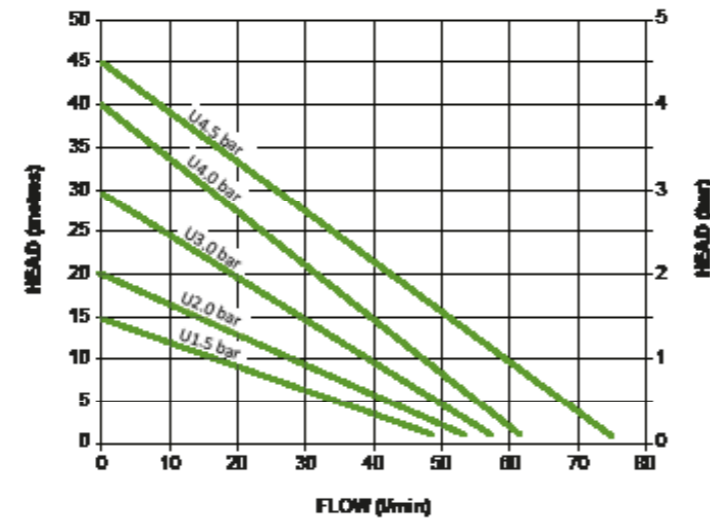
WRAS APPROVED PRODUCT



### Monsoon Universal twin

Fully automatic Universal Twin pumps are designed for installation into vented systems to pump both the hot and cold water supplies, boosting both equally. Suitable for both positive and negative head applications and designed to boost hot and cold water services within the property. Monsoon Universal pumps do not require a gravity flow of water to start and are ideal for pressurising the supply in applications where outlets are higher than the water source, such as a loft conversion or where it is uncertain if a positive flow of water exists.

| Part No | Model         | List Price |
|---------|---------------|------------|
| 46505   | U1.5 bar Twin | €976.00    |
| 46480   | U2.0 bar Twin | €1,010.00  |
| 46410   | U3.0 bar Twin | €1,081.00  |
| 46411   | U4.0 bar Twin | €1,152.00  |
| 46412   | U4.5 bar Twin | €1,210.00  |



## Monsoon Product range

5 YEAR WARRANTY

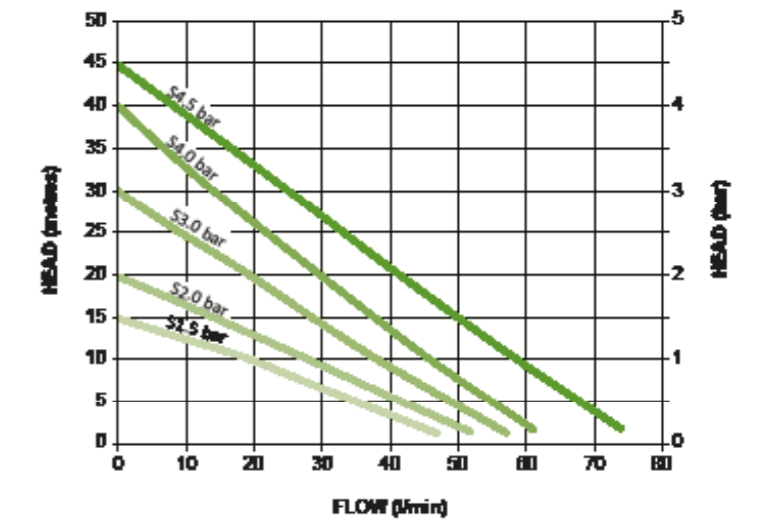
WRAS APPROVED PRODUCT



### Monsoon Standard twin

Standard Twin pumps are designed for installation into vented systems to equally boost both the hot and cold water supplies to the whole house, bathroom or simply the shower. Monsoon standard pumps require a flow of just 0.6 litres per minute through the outlet to start the pump and are suitable for positive head applications.

| Part No | Model         | List Price |
|---------|---------------|------------|
| 46506   | S1.5 bar Twin | €707.00    |
| 46415   | S2.0 bar Twin | €741.00    |
| 46416   | S3.0 bar Twin | €828.00    |
| 46417   | S4.0 bar Twin | €898.00    |
| 46418   | S4.5 bar Twin | €967.00    |



5 YEAR WARRANTY

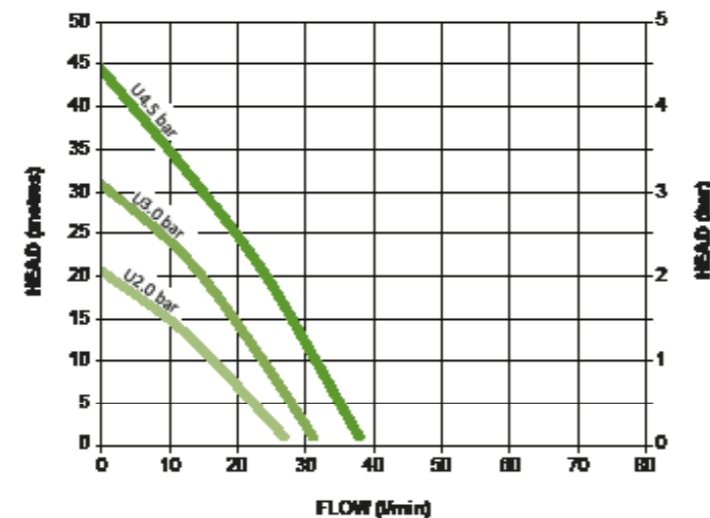
WRAS APPROVED PRODUCT



### Monsoon Universal single

Universal Single pumps can be used in pairs to boost hot and cold water supplies in vented systems independently, or as a single pump to boost a water supply as required. Monsoon Universal pumps are fully automatic, do not require a gravity flow of water to start and are suitable for both positive and negative head applications.

| Part No | Model           | List Price |
|---------|-----------------|------------|
| 46498   | U2.0 bar Single | €698.00    |
| 46413   | U3.0 bar Single | €714.00    |
| 46414   | U4.5 bar Single | €734.00    |



5 YEAR WARRANTY

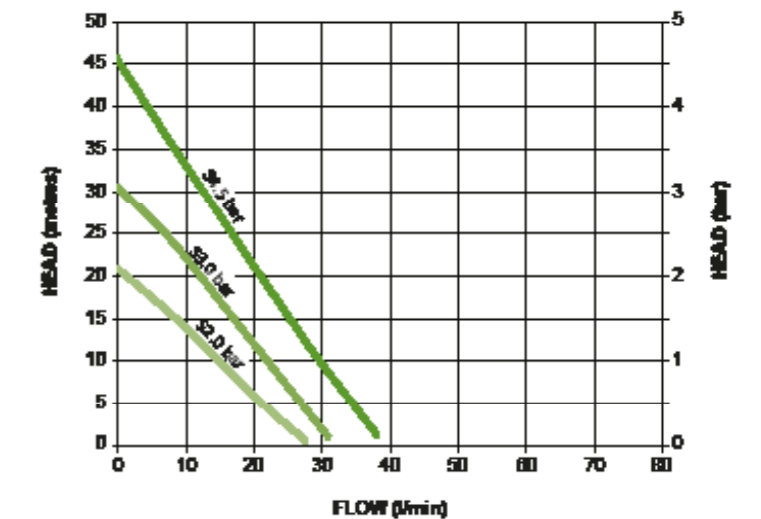
WRAS APPROVED PRODUCT



### Monsoon Standard single

Standard Single pumps are ideal for boosting water pressure in either the hot and cold water supply of a positive head application in vented systems. They require just 0.6 litres per minute to start and are ideal for boosting the blended water outlet between the shower valve and shower head.

| Part No | Model           | List Price |
|---------|-----------------|------------|
| 46497   | S2.0 bar Single | €497.00    |
| 46419   | S3.0 bar Single | €515.00    |
| 46420   | S4.5 bar Single | €543.00    |





## Showermate Product range

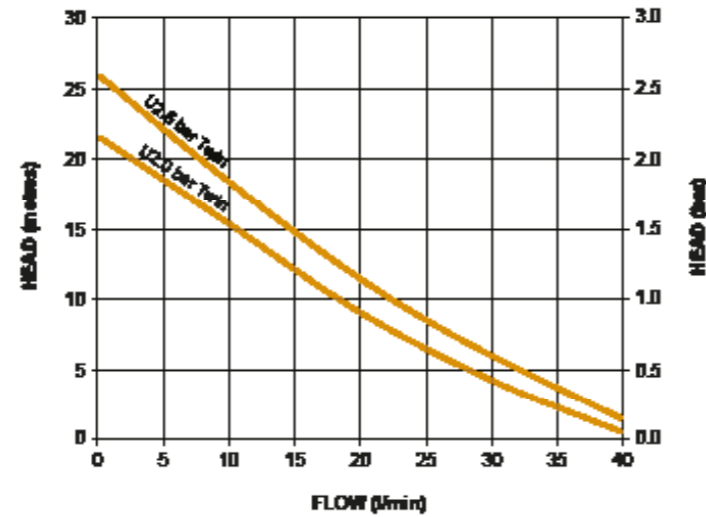
3 YEAR WARRANTY

WRAS APPROVED MATERIAL



### Showermate Universal twin

Universal Twin pumps are designed for installation into vented systems to pump both the hot and cold water supplies, boosting both equally. Suitable for both positive and negative head applications. They offer a high quality option for boosting water in a complete bathroom or to an individual shower and do not require a gravity flow of water to operate.



| Part No | Model         | List Price |
|---------|---------------|------------|
| 47376   | U2.0 bar Twin | €785.00    |
| 47377   | U2.6 bar Twin | €819.00    |

## Showermate Product range

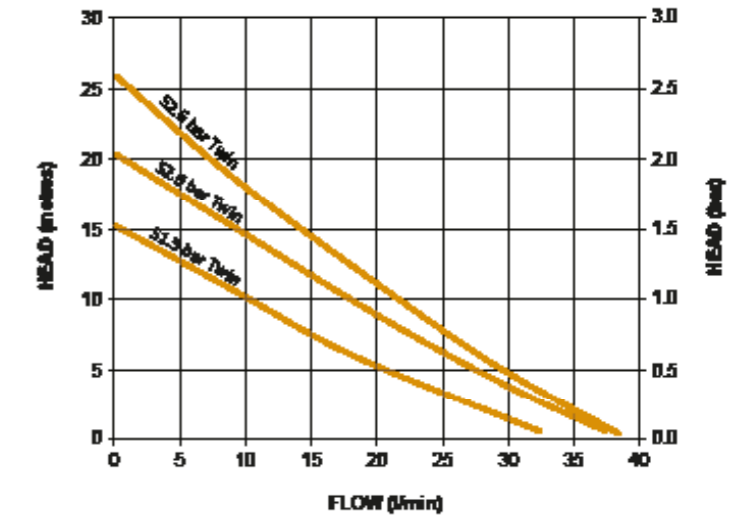
3 YEAR WARRANTY

WRAS APPROVED MATERIAL



### Showermate Standard twin

Standard Twin pumps are designed for installation into vented systems to equally boost both hot and cold water supplies to the bathroom or single shower. They require a gravity flow of 0.8 litres per minute through the outlet to operate and are suitable for positive head applications only.



| Part No | Model         | List Price |
|---------|---------------|------------|
| 47342   | S1.5 bar Twin | €229.00    |
| 47343   | S2.0 bar Twin | €302.00    |
| 47344   | S2.6 bar Twin | €403.00    |

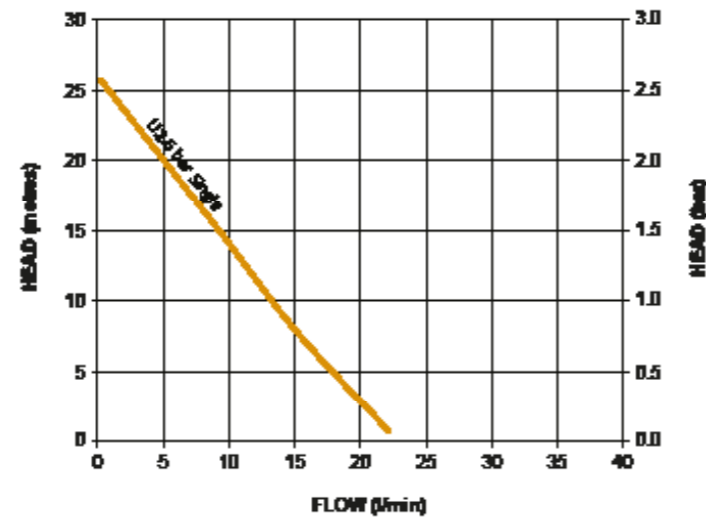
3 YEAR WARRANTY

WRAS APPROVED MATERIAL



### Showermate Universal single

Universal single pumps can be used in pairs to boost vented systems to pump hot and cold water supplies independently, or as a single pump to boost a water supply as required. They are suitable for both positive and negative head applications and do not require a gravity flow of water to operate.



| Part No | Model           | List Price |
|---------|-----------------|------------|
| 47375   | U2.6 bar Single | €597.00    |

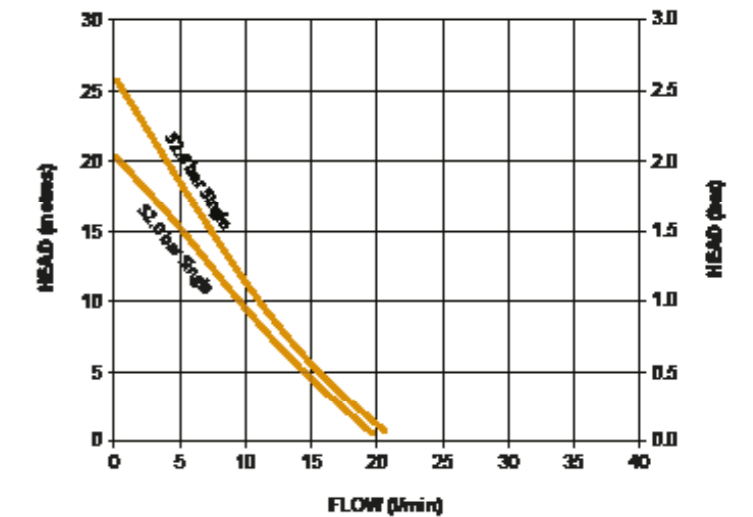
3 YEAR WARRANTY

WRAS APPROVED MATERIAL



### Showermate Standard single

Standard single pumps are ideal for boosting either the hot or cold water supply of a positive head application in vented systems. They require a gravity flow of 0.8 litres per minute through the outlet to operate and are ideal for boosting the blended water to an outlet.



| Part No | Model           | List Price |
|---------|-----------------|------------|
| 47340   | S2.0 bar Single | €212.00    |
| 47341   | S2.6 bar Single | €297.00    |



# MAINSBOOST iTANK WATER BOOSTER



# MAINSBOOST VariQ BOOSTER PUMP

# MAINSBOOST

## iTANK V2 Booster System

A range of high performance cold water mains boosters featuring a water storage tank and integrated submersible pump, suitable for domestic applications.

Available in a range of tank sizes and compact tank profiles suitable for installation in a wide range of locations, including under a staircase or within an attic.

Capable of delivering high water pressure and high flow rates to multiple outlets simultaneously, these units utilise submersible pump technology making them extremely quiet in operation.



**NEW – Enhanced MAINSBOOST iTANK V2 systems include:**

- A highly reliable new stainless steel submersible pump
- Robust brass pump and control module couplings

### Features

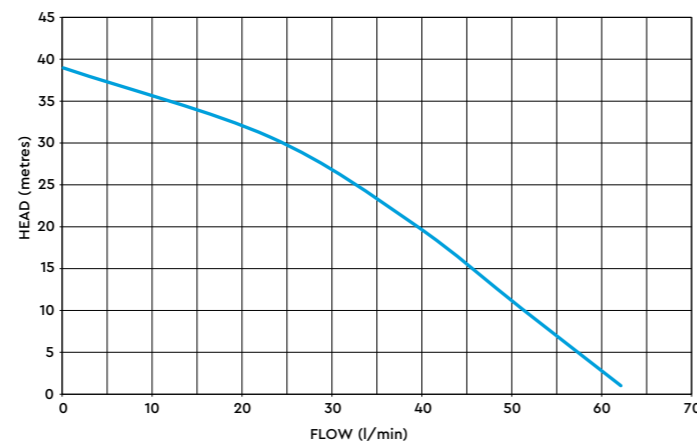
- Compact, space saving design
- 320 – 503 litre cold water storage capacity options
- Range of cold water tank profiles
- Heads up to 3.8 bar and flow rates up to 62 litres/min
- High performance stainless steel submersible pump
- Extremely quiet operation
- Easy installation and commissioning
- Fluidmaster Pro 75B inlet valve
- Section 30 screened overflow and air vent
- 8 litre pressure vessel
- Secondary gravity water outlet
- Drain port
- Flexible hose outlet connection

### Application

- Domestic properties requiring an extremely quiet cold water supply boosting solution

### Optional extras

- Insulation jacket
- Tank drip tray



### TECHNICAL SPECIFICATIONS

|             |   | MBI 320C V2<br>47676          | MBI 330T V2<br>47677 | MBI 490A V2<br>47678 | MBI 500S V2<br>47679 |
|-------------|---|-------------------------------|----------------------|----------------------|----------------------|
| General     | Warranty                                | 1 year                        |                      |                      |                      |
|             | Conformity certification                | UKCA   CE                     |                      |                      |                      |
| Features    | Pump control system                     | Fixed speed / control module  |                      |                      |                      |
|             | Pressure vessel                         | 8 litres / 10 bar             |                      |                      |                      |
|             | Section 30 kit                          | •                             | •                    | •                    | •                    |
|             | Brass pump and control module couplings | •                             | •                    | •                    | •                    |
|             | Dry run protection                      | •                             | •                    | •                    | •                    |
|             | System check valve                      | •                             | •                    | •                    | •                    |
|             | Outlet flexible hose                    | •                             | •                    | •                    | •                    |
| Performance | Maximum head – closed valve             | 3.8 bar / 38 metres           |                      |                      |                      |
|             | Maximum flow                            | 62 l/min                      | 62 l/min             | 62 l/min             | 62 l/min             |
|             | Ambient air temperature                 | Min 4 – Max 30 °C             |                      |                      |                      |
| Water tank  | Nominal water tank size                 | 417 litres                    | 384 litres           | 547 litres           | 618 litres           |
|             | Usable water capacity                   | 320 litres                    | 331 litres           | 491 litres           | 503 litres           |
|             | Float valve type                        | Fluidmaster Pro 75B           |                      |                      |                      |
|             | Min / Maximum inlet valve pressure      | 0.2 bar / 10 bar              |                      |                      |                      |
|             | Water tank fill rate                    | 4.2 l/min @ 1 bar             |                      |                      |                      |
|             | Water tank air gap                      | Type AC                       |                      |                      |                      |
|             | Fluid category                          | Category 3                    |                      |                      |                      |
| Connections | Inlet connection                        | ½ "                           | ½ "                  | ½ "                  | ½ "                  |
|             | Outlet connection                       | G1 M                          | G1 M                 | G1 M                 | G1 M                 |
|             | Outlet flexible hose                    | G 1 M x 300 mm                |                      |                      |                      |
|             | Overflow                                | 1 ¼ " compression             |                      |                      |                      |
|             | Drain port                              | G¾ M                          | G¾ M                 | G¾ M                 | G¾ M                 |
|             | Gravity secondary outlet                | G1 F                          | G1 F                 | G1 F                 | G1 F                 |
|             | Materials                               | Water tank                    | Polyethylene         |                      |                      |
| Pump        | Pump type                               | Stainless steel submersible   |                      |                      |                      |
|             | Motor type                              | Induction, thermal protection |                      |                      |                      |
|             | Duty rating                             | Continuous (S1)               |                      |                      |                      |
| Electrical  | Power supply (Vac/Ph/Hz)                | 3.3 A 230 V.a.c./1/50 Hz      |                      |                      |                      |
|             | Power consumption – P1                  | 730 Watts                     |                      |                      |                      |
|             | Power cable length                      | 13 metres (pre-wired)         |                      |                      |                      |
|             | Enclosure protection                    | IP65 (control module)         |                      |                      |                      |
| Physical    | Width                                   | 500 mm                        | 600 mm               | 650 mm               | 920 mm               |
|             | Depth                                   | 1575 mm                       | 857 mm               | 1422 mm              | 1185 mm              |
|             | Height – excluding hoses                | 921 mm                        | 1343 mm              | 1223 mm              | 1033 mm              |
|             | Weight – including fittings             | 48 Kg                         | 44 Kg                | 51 Kg                | 54 Kg                |
|             | Weight – filled                         | 368 Kg                        | 375 Kg               | 542 Kg               | 557 Kg               |

## MAINS BOOSTING

### MAINSBOOST iBOOST F200

These fully integrated systems combine a 200 litre cold water storage tank and a high performance, multi-stage pump to overcome restricted water flow and insufficient pressure.

The iBOOST F200 features simple to operate fixed speed controls and is capable of generating pressures of up to 4.5 bar and flow rates of up to 100 litres per minute, typically operating at 60 litres per minute at 3.0 bar pressure.

- ▶ FIXED SPEED
- ▶ INTELLIGENT CONTROL
- ▶ UP TO 4.5 BAR PRESSURE
- ▶ OUTPUT FLOW RATE UP TO 100 LITRES/MIN
- ▶ COMPACT AND POWERFUL
- ▶ KIWA REG 4 & WRAS APPROVED PRODUCT



| Description       | Reference | List Price |
|-------------------|-----------|------------|
| IBOOST F200       | 46668     | €2,531     |
| IBOOST F200 CAT 5 | 46677     | €2,667     |
| IBOOST +200       | 46712     | €1,348     |
| IBOOST +200 CAT 5 | 46714     | €1,518     |

### MAINSBOOST iBOOST V200

These fully integrated systems combine a 200 litre cold water storage tank and a high performance, multi-stage pump to overcome restricted water flow and insufficient pressure.

The iBOOST V200 is capable of generating pressures of up to 4.5 bar and flow rates of up to 100 litres per minute, typically operating at 60 litres per minute at 3.0 bar pressure.

The V200 offers an advanced variable speed pump control system which enables the unit to supply a constant programmable water pressure as demand on the system fluctuates.

- ▶ VARIABLE SPEED
- ▶ INTELLIGENT CONTROL
- ▶ UP TO 4.5 BAR PRESSURE
- ▶ OUTPUT FLOW RATE UP TO 100 LITRES/MIN
- ▶ COMPACT AND POWERFUL
- ▶ KIWA REG 4 & WRAS APPROVED PRODUCT



| Description       | Reference | List Price |
|-------------------|-----------|------------|
| IBOOST V200       | 46711     | €3,035     |
| IBOOST V200 CAT 5 | 46713     | €3,170     |
| IBOOST +200       | 46712     | €1,348     |
| IBOOST +200 CAT 5 | 46714     | €1,518     |



## MAINSBOOST iTANK

This application table is a general guide only and individual site conditions may vary.

|  | Minimum Cold Water Storage *2 | MBI 320C V2 | MBI 330T V2 | MBI 490A V2 | MBI 500S V2 |
|--|-------------------------------|-------------|-------------|-------------|-------------|
| House or apartment (up to 3 bedrooms)                | 227 litres                    | ●           | ●           | ●           | ●           |
| House or apartment (up to 3 Bedrooms) + 1 shower *1  | 317 litres                    | ●           | ●           | ●           | ●           |
| House or apartment (up to 3 Bedrooms) + 2 showers *1 | 407 litres                    |             |             | ●           | ●           |
| House or apartment (with 4 Bedrooms)                 | 317 litres                    | ●           | ●           | ●           | ●           |
| House or apartment (with 4 Bedrooms) + 1 shower *1   | 407 litres                    |             |             | ●           | ●           |
| House or apartment (with 4 Bedrooms) + 2 showers *1  | 497 litres                    |             |             | ●           | ●           |
| *1 Additional water storage per shower / en-suite    | 90 litres                     |             |             |             |             |
| *2 Recommended Minimum cold water storage            | <b>List Price</b>             | €1,288      | €1,257      | €1,307      | €1,323      |

## MAINSBOOST iTANK ACCESSORIES

### MAINSBOOST iTANK drip tray

Designed to match the footprint of each tank profile and to protect against water damage from leaking inlet and outlet connections. Can also be used to provide a discharge connection that can be routed to a drain or soak-away.



| Part No | Model              | List Price |
|---------|--------------------|------------|
| 29011   | MBI 320C Drip Tray | €165       |
| 29012   | MBI 330T Drip Tray | €165       |
| 29013   | MBI 490A Drip Tray | €185       |
| 29014   | MBI 500S Drip Tray | €185       |

### MAINSBOOST iTANK insulation jacket

MAINSBOOST iTANK Insulation Jackets are tailor-made to ensure a perfect fit and protect units from extremes of hot and cold temperatures.



| Part No | Model                      | List Price |
|---------|----------------------------|------------|
| 29015   | MBI 320C Insulation Jacket | €368       |
| 29016   | MBI 330T Insulation Jacket | €368       |
| 29017   | MBI 490A Insulation Jacket | €383       |
| 29018   | MBI 500S Insulation Jacket | €481       |

## MAINSBOOST VariQ APPLICATIONS

| MAINSBOOST VariQ variable speed pump |         |         |         |         |
|--------------------------------------|---------|---------|---------|---------|
| 1.5 bar                              | 2.0 bar | 2.5 bar | 3.0 bar | 3.5 bar |

| Pressure boost  | Medium   |          | High     |          |          |
|---|----------|----------|----------|----------|----------|
|   | 1.5 bar  | 2.0 bar  | 2.5 bar  | 3.0 bar  | 3.5 bar  |
| Maximum flow rate (at constant controlled pressure)                         | 70 l/min | 60 l/min | 50 l/min | 40 l/min | 30 l/min |
| Boost whole house or apartment up to 3 bathrooms                            | ●        | ●        | ●        | ●        | ●        |
| Boost supply from cold water storage tank to combination boiler             | ●        | ●        | ●        | ●        | ●        |
| Boost supply from cold water storage tank to pressurised hot water cylinder | ●        | ●        | ●        | ●        | ●        |
| Showers (standard shower head)  | 🚿 x4     | 🚿 x4     | 🚿 x3     | 🚿 x2     | 🚿 x2     |
| Showers (drench shower head)  | 🚿 x3     | 🚿 x3     | 🚿 x2     | 🚿 x2     | 🚿 x1     |
| Maximum number of outlets   | 10       | 10       | 10       | 10       | 10       |
| Up to 1 floor   | ●        | ●        | ●        | ●        | ●        |
| Up to 2 floors  |          | ●        | ●        | ●        | ●        |
| Up to 3 floors  |          |          | ●        | ●        | ●        |
| Maximum number of floors  | 1        | Up to 2  | Up to 3  | Up to 3  | Up to 3  |

## MAINS BOOSTING

### MAINSBOOST VariQ

Suitable for multiple applications and designed for whole house use within domestic properties, the MAINSBOOST VariQ fully packaged water boosting pump offers variable speed pump control to constantly monitor water pressure at the point of use. This feature ensures that no matter how many outlets are opened at once, constant water pressure will be delivered without a drop in pressure or flow.

- ▶ BOOSTS PRESSURE FROM A COLD WATER STORAGE TANK
- ▶ UP TO 5.5 BAR PRESSURE
- ▶ FLOW RATES UP TO 97 LITRES/MIN
- ▶ WRAS APPROVED PRODUCT
- ▶ VARIABLE SPEED INTELLIGENT CONTROL
- ▶ ILLUMINATED TOUCH SCREEN AND CONTROL PANEL



| Description    | Reference | List Price |
|----------------|-----------|------------|
| VARIQ          | 47322     | €635       |
| CONNECTION KIT | 29045     | €101       |

### MAINSBOOST Flomate MBF 60/80

Designed for low occupancy properties with one bathroom and fits neatly within a standard 500 mm kitchen base unit.

MAINSBOOST™ Flomate MBF 60 and MBF 80 can be connected directly to the incoming mains and will deliver up to 16 litres/minute flow at 3.2 bar pressure to multiple outlets within the property, up to the preset cut-in limit of the 60/80 litre pressure vessel, at which time the system will deliver 12 litres/minute until demand ends and the pressure vessel recharges.

- ▶ 60 AND 80 LITRE NOMINAL PRESSURE VESSEL OPTIONS
- ▶ BOOSTS MAINS WATER PRESSURE UP TO 3.2 BAR
- ▶ BOOSTS MAINS FLOW RATE UP TO 16 LITRES/MIN
- ▶ WRAS APPROVED PRODUCT



| Description | Reference | List Price |
|-------------|-----------|------------|
| MBF60       | 46631     | €1,180     |
| MBF80       | 46634     | €1,348     |

