

## Three Model Sizes

### The Ingenious Air Small Duct System

| Model Number  | HE 101   | HE 70 / 71                                       | HE 50 / 51                                       |
|---|--|--|--|
| <b>Cooling &amp; Heating Requirement</b>  | Small e.g. up to 50m <sup>2</sup> office space | Average e.g. 50 – 100m <sup>2</sup> office space | Higher e.g. 100 – 150m <sup>2</sup> office space |
| <b>Application Size</b>   | 12.5Kw - 19.5kW heat pump cooling              | 5 kW - 10kW heat pump cooling                    | 3.5kW - 6.5kW heat pump cooling                  |
| <b>Maximum Heating</b><br>With 71°C hot water supply<br>With 88°C hot water supply<br><i>See Design Guide for further details</i> | 29.5kW<br>39.3kW                               | 19.7Kw<br>26.1kW                                 | 13.1kW<br>17.4kW                                 |
| <b>Maximum Cooling</b><br>Powered by heat pump<br>With 6°C chilled water supply<br><i>See Capacity Table for further details</i>  | 12.5 – 19.5kW<br>8.6kW                         | 7- 10kW<br>5.4kW                                 | 3.5 – 6.4kW<br>3.6kW                             |
| <b>Heating - Electric</b>   | 5 - 23kW                                       | 5 - 18kW   | 5 - 15kW   |
| <b>Minimum No. of Outlets</b> (Guide)<br>50mm<br>72mm   | 28 - 64<br>14 - 32                             | 20 - 40<br>10 - 20                               | 12 - 26<br>6 - 13                                |
| <b>Maximum Air Flow</b>   | 595 litres/sec                                 | 365 litres/sec                                   | 220 litres/sec                                   |
| <b>Dimensions - AHU Only</b><br>Weight<br>L x W x H (mm)  | 52.2kg<br>813 x 635 x 457                      | 43.1kg<br>813 x 483 x 457                        | 36.3kg<br>813 x 356 x 457                        |
| <b>Dimensions - AHU, HEPS, Heat Pump, Cooling Coil &amp; Return Air Mix Box</b><br>L x W x H (mm)                                 | 1950 x 750 x 457                               | 1950 x 580 x 457                                 | 1950 x 450 x 457                                 |

Model choice depends on project size and air flow required. They can be paired on larger projects.

All three models share the same features:

- Cooling and heating options
- Direct drive EC fan motor
- Digital display WEG inverter drive with pulse wave modulator
- PSB circuit board
- Dehumidification mode
- Blower assembly can easily be removed for future upgrades
- Same components used in all models (except blower wheel)
- Galvanised steel casing as standard
- White and bespoke colour-coated options available at additional cost
- Single side access panel.