

THE INGENUOUS AIR® SMALL DUCT SYSTEM EQUIPMENT SPECIFICATIONS

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

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 converts 1ph to 3ph
- PSB circuit board
- Dehumidification mode
- Blower assembly can easily be removed for future upgrades
- Same components used in all models (except blower wheel)
- White powder finish as standard
- Bespoke colour coated options available at additional cost
- Single side access panel.

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