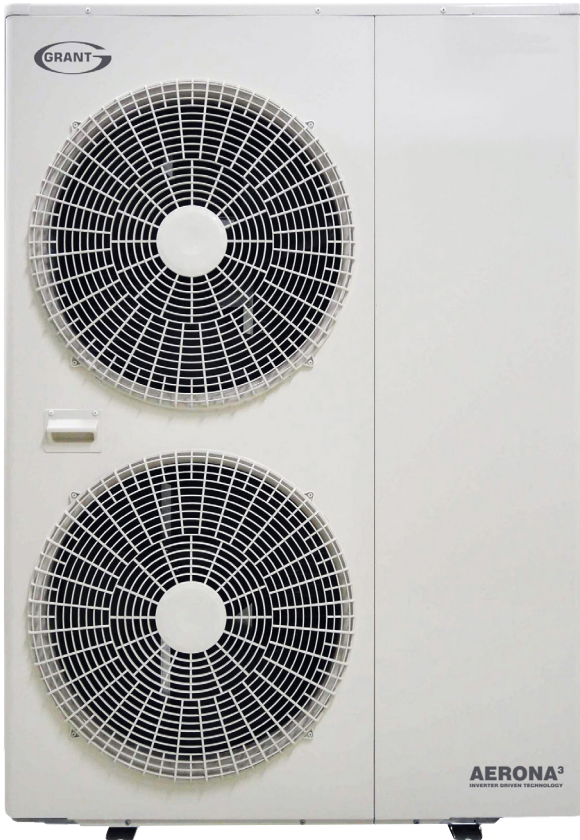


# Electricity

## Grant AERONA<sup>3</sup> Air to Water Heat Pump

The **Grant AERONA<sup>3</sup>** air source heat pump provides a cost effective renewable alternative to gas fired heating methods. Providing both heating and domestic hot water, this innovative range features units with greater operating efficiencies even when external temperatures drop as low as -20°C and reduced noise levels when working.



### Features

- Able to heat medium to large homes via under floor systems even under extreme conditions helped by a variable speed fan and water pump technology
- DC inverter technology automatically modulates compressor speed preventing on/off cycling which compromises efficiency and durability
- Extremely quiet operation with soft start technology
- Over 400% efficient (\*refer COP conditions below) which makes electricity an affordable energy option
- Unique anti frost features designed into the heat exchange plates and a special heated drip tray in the floor of the unit which prevents frost from rising.

Specifications	HPG10	HPG16
Heat output (kW): (Water 35°C / Air 7°C D.B)	10.0	16.0
Total input (kW): (Compressor + fan)	2.3	3.9
*COP BS EN 14511 (30/35°C / 7°C D.B)	4.35	4.19
Max. heating temp (°C):	55	55
Factory set point (°C):	45	45
Pump working head (kPa):	60	120
Number of refrigerant circuits:	1	1
Max. pressure in heating (bar):	3	3
Number & type of compressor:	1 scroll	1 scroll
Sound power level (dBa): (40/45°C / 7°C D.B)	67	63
Power supply (V/Ph/Hz):	230/1/50	230/1/50
FLA (Amps)	17.5	25.3
Dry weight (kg):	75	121
Height (mm):	866	1418
Width (mm):	850	1000
Depth (mm):	357	356

