

Air Source Heat Pump

Product Specifications



Beat rising electricity costs!

Harvest the free heat from the air with an advanced air-source heat pump from Chromagen. This renewable energy water heating technology, will reduce home energy costs whilst providing a plentiful supply of hot water day and night, and in all weather conditions.

Special Features:

- Ultra efficient operation reduces energy consumption by at least 65%*
- Eligible for Small-scale Technology Certificates**
- Modern, stylish aesthetics suit contemporary home design
- One-piece, compact footprint ensures installation flexibility
- Super-quiet operation only 48dB (A)
- Automatic weekly disinfection function
- Tank-wrapped condenser coil prevents water contamination
- Suitable for indoor & sheltered outdoor installation
- Frost protection mode



Heat Pump Model	Midea HP170	Midea HP280
Nominal volume capacity (L)	170	282
Voltage / Hz / Phase	220-240 / 50 / 1	
Element input power (W)	2150	3000
Hot water heating capacity (W)	1500	3000
Max water temperature (°C)	65	60
Rated input power (W) / current (A)	2780 / 12.1	4300 / 18.7
Relief valve pressure (kPa)	1000	1000
Noise level (dBA)	48	48
Pipe connection diam (mm)	20	20
Outdoor resistance class	IP24	IP24

Warranty / Residential
5 Years tank
2 Years Compressor & Electronics
1 Year Parts & Labour

Running modes	Midea HP170			Midea HP280
	Economy	Hybrid	E-heater	Operating mode
Ambient temp	5 ~ 43 °C	-20 ~ 43°C	-20 ~ 43°C	-20 ~ 45 °C
Heating Capacity (W)	1500	HP	E-heater	3000
		1500	2150	
Cop	3.5	3.5	1	3.6
Rated input power (W) / current (A)	780 / 3.4	2780 / 12.1	2150 / 9.3	4300 / 18.7
Refrigerant type/quantity	R134a / 0.8kg			R134a / 1.2kg

Dimensions	Midea HP170	Midea HP280
Height (mm)	1580	1920
Diameter (mm)	568	650
Height to water inlet (mm)	655	217
Height to water outlet (mm)	949	1197
Net weight (Kg)	90	117

*Energy use reduction based on CER (AS/NZ 4324) modelling

**Eligibility criteria apply

Specifications are subject to change without notice.



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