



HP80M5
HP110M5
HP150M5

Monobloc



Easy to install

Plug and play like electric water heater, easy to install and replace.



Eco Power

Works under low tariff hours to reduce electric cost



Micro-channel Condenser

The micro-channel condenser has larger contact surface for better heat transfer performance and less refrigerant consumption.



Fast Heating

Powerful compressor enables faster heating.



Slim Body

Slim body design saves space.

Comfort

- ◆ Multi mode functionality including Eco, Boost, Auto, Anti-legionella & Vacation
- ◆ Additional heating element
- ◆ Timer control for Peak Power settings
- ◆ Hot water volume display

Efficiency & Energy Saving

- ◆ COP@7°C= 2.7 (HP80M5/HP110M5)
- ◆ Noise level ≤ 50 dB(A)
- ◆ Working temperature : -7°C~45°C
- ◆ Micro-Channel condenser

Quality

- ◆ Magnesium anode protection
- ◆ Titanium enamel steel tank
- ◆ 50 mm PUF insulation

Design

- ◆ LED display with touch control
- ◆ Off peak power



ABT



Smart Boost



Eco Comfort



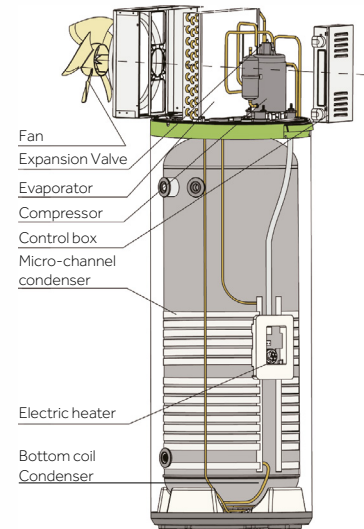
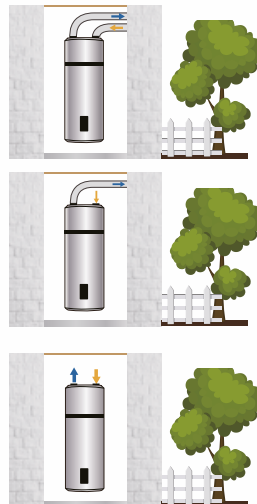
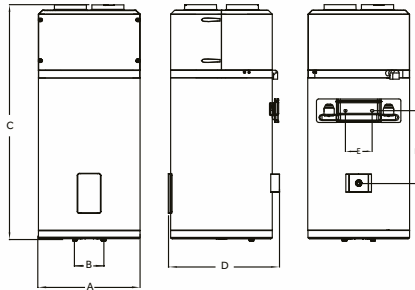
Smart Vacation



Anti-freeze

Model	A	B	C	D	E	F
HP80M5	492	140	1170	538	159	362
HP110M5	492	140	1320	538	159	362
HP150M5	492	140	1680	538	159	470

Unit: mm



Model	HP80M5	HP110M5	HP150M5
Installation	Vertical wall-hung/ducted	Vertical wall-hung/ducted	Vertical wall-hung/ducted
Tank volume (L)	82	102	149
Rated voltage/ frequency (V/Hz)	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
Tank rated pressure (bar)	8	8	8
Corrosion protection	Magnesium anode	Magnesium anode	Magnesium anode
Water proof grade	IPX4	IPX4	IPX4
Assembled System			
Electric backup power (W)	1200	1200	1200
Average input - heat pump only(W)	240	240	240
Maximum input- heat pump only(W)	350	350	350
Maximum power input (W)	1550	1550	1550
Default temperature setting (°C)	55	55	55
Temperature setting range with heater (°C)	35-75	35-75	35-75
Temperature setting range heat pump only (°C)	35-65	35-65	35-65
Refrigerant type / Weight (kg)	R134a/0.45	R134a/0.45	R134a/0.46
Noise power dB(A)	50	50	50
Working temperature - heat pump only (°C)	-7-45	-7-45	-7-45
Working temperature - system (°C)	-7-45	-7-45	-7-45
Performance			
Type of extraction	Exterior	Exterior	Exterior
COP@7 °C (EN16147)	2.72	2.64	3.14
COP@14 °C (EN16147)	3.17	3.19	3.58
Heating up time (h) (@7°C)	4h58	6h35	10h29
Heating up time (h) (@14°C)	4h09	5h23	8h28
Tapping cycle (EN16147)	M	M	L
Maximum volume of usable hot water (L) V40 (EN16147)	102.5	132.6	193
Water heating energy efficiency class (ERP)	A+	A+	A+
Dimensions and connections			
Water outlet connection	G1/2" M	G1/2" M	G1/2" M
Water inlet & Drain connection	G1/2" M	G1/2" M	G1/2" M
Safety valve connection	G1/2" M	G1/2" M	G1/2" M
Product Dimensions (WxHxD) (mm) Tank unit/external unit	537 x 1170 x 492	537 x 1320 x 492	492 x 537 x 1680
Packing dimensions (WxHxD) (mm) Tank unit/external unit	587 x 1247 x 587	587 x 1397 x 587	587 x 587 x 1894
Gross weight (kg)	59	64	89
Net weight (kg)	51	55	67
Load qty. 40HQ	160	80	80