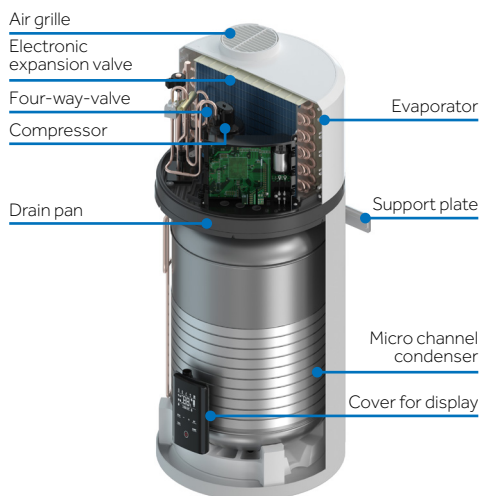


M5 TECHINCAL PARAMETERS



FEATURES

- Under Photovoltaic system, you can set the product to optimize use of electricity produced
- Plug and play like a electric water heater, easy to install and replace
- Work under low tariff hours to help save on electricity costs
- Powerful compressors contribute to shorter heating up time
- Slim body design saves space

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/0.45
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)	2.86	2.74	3.14
COP@14 °C (EN16147)	3.17	3.20	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 × 1170 × 492	537 × 1320 × 492	537 × 1680 × 492
Packing dimensions (WxHxD) (mm) Tank unit/external unit	587 × 1247 × 587	587 × 1397 × 587	587 × 1764 × 587
Gross weight (kg)	59	64	64
Net weight (kg)	51	55	55
Load qty. 40HQ	160	80	80



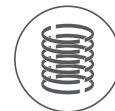
PV



Easy Install



ECO

Micro-Channel
Condenser

Fast heating



Slim Body



CE NF