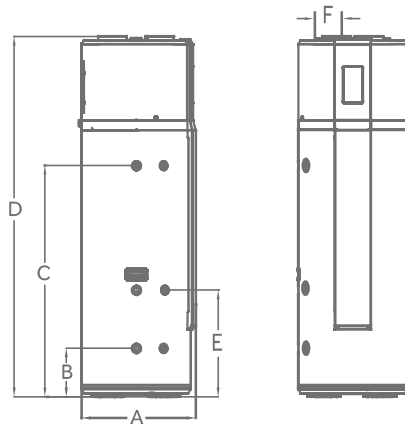


M3 HPWH R134A



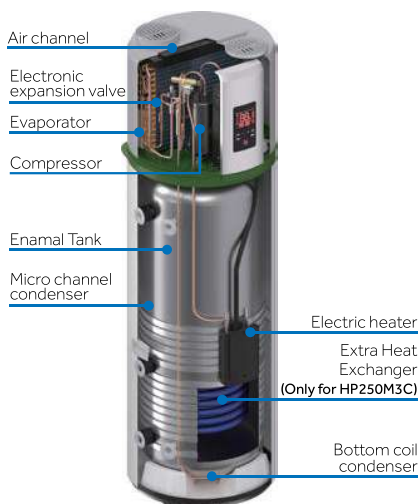
HP200M3 - HP250M3 - HP250M3C



Model	A	B	C	D	E	F
HP200M3	629	270	980	1692	-	180
HP250M3	629	270	1275	1987	-	180
HP250M3C	629	270	1275	1987	590	180

Unit:mm

M3 TECHINCAL PARAMETERS



FEATURES

- Under Photovoltaic system, you can set the product to optimize use of electricity produced
- You can set the heat pump to heat water under off-peak period to save cost
- Micro channel and Bottom Coil heat exchanger with bigger contact surface to heat the water by whole tank. The thermal efficiency will increase dramatically
- Powerful compressor contribute to shorter heating up time
- HP 250M 3C have a coil exchanger, can be connected with solar water heaters or gas boiler as backup power to maximum the energy saving

Model		HP200M3	HP250M3	HP250M3C
Tank volume	L	195	246	240
Rated voltage/ frequency	V/Hz	230V/50Hz	230V/50Hz	230V/50Hz
Tank rated pressure	bar	7	7	7
Extra exchanger design / area		No	No	1m ²
Corrosion proof		Magnesium anode	Magnesium anode	Magnesium anode
Performance				
Type of extraction		Ambient / Exterior	Ambient / Exterior	Ambient / Exterior
COP@7 °C (EN16147)		3.04	3.02	3.10
COP@15 °C (EN16147)		3.39	3.41	3.56
Tapping cycle (EN16147)		L	L	L
Electric backup power	W	1500	1500	1500
Average input - heat pump only	W	495	495	495
Maximum input- heat pump only	W	865	865	865
Maximum power input	W	2325	2325	2325
Standby power input/ Pes	W	27	27	27
Vmax		224	311	332
Heating up time (h) (@7°C)		5h30	7h21	6h55
Heating up time (h) (@15°C)		4h41	6h10	6h
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/0.9	R134a/0.9	R134a/0.9
Noise power	db(A)	57	58	59
Working temperature - system	°C	-7-45	-7-45	-7-45
Dimensions and connections				
Product Dimensions	WxHxD (mm)	629 × 1692 × 600	629 × 1987 × 600	629 × 1987 × 600
Packing dimensions	WxHxD (mm)	695 × 1940 × 736	695 × 2250 × 736	695 × 2250 × 736
Gross weight -Tank/external unit	kg	103	115	132
Net weight -Tank/external unit	kg	91	102	119
Load qty. 40HQ		51	51	51



PV



Easy Install



ECO



Micro-Channel Condenser



Fast heating



Slim Body

