



HP200M3 HP250M3 HP250M3C



Can connect with duct multiple installation application



Eco Power

Work under low tariff hours to save more electricity cost



Micro-channel

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



Fast heating

Powerful compressor contribute to shorter heating up time



Solar or boiler combination

HP 250M3C have a coil exchanger, can be connected with solar water heaters or gas boiler as backup power to maximum the energy saving

COMFORT

- Working modes Eco, Boost, Auto, Anti-legionella, Holiday
- Coil and sensor pocket for solar or boiler installation
- Additional heating element
- Signal control or timer control Off Peak Power settings
- Hot water volume display

EFFICIENCY&ENERGY SAVING

- COP@15°C=3.25 (EN16147)
- COP@7°C = 2.8 (EN1614 7)
- Working temperature: -5°C- 35°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
- Additional energy source connection (solar or gas boiler)



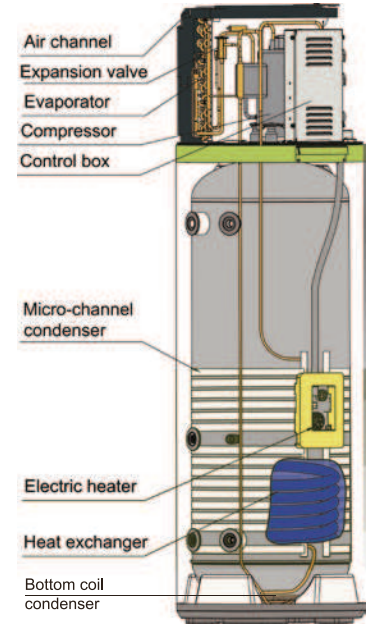
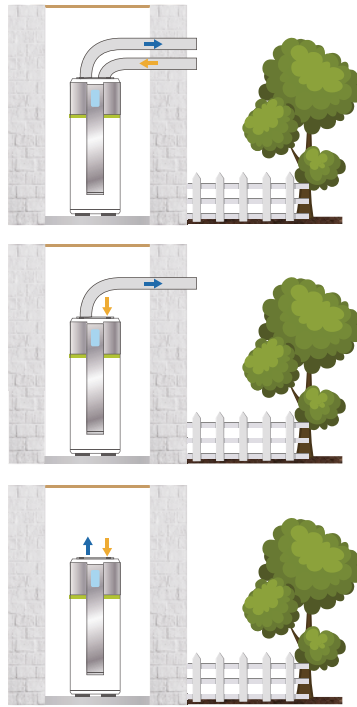
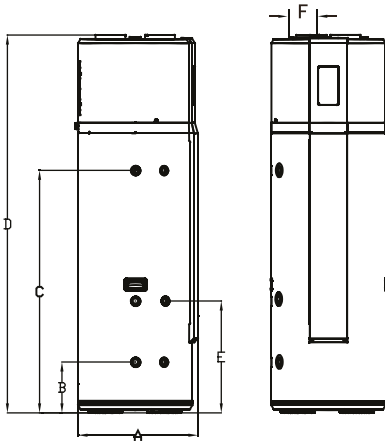
FEATURES

Specification

HP200M3/HP250M3/HP250M3C

Unit:mm

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



Model	HP200M3	HP250M3	HP250M3C
Tank			
Tank volume (L)	200	250	245
Rated voltage/ frequency (V / Hz)	230V/ 50Hz	230 V/ 50Hz	230V/ 50H z
Tank rated pressure (bar)	7	7	7
Extra exchanger design / area	No	No	1 m ²
Corrosion proof	Magnesium anode	Magnesium anode	Magnesium anode
Performance			
Type of extraction	Ambient / Exterior	Ambient / Exterior	Ambient/ Exterior
COP@ 7°C (EN1614 7)	2.8	2.81	2.82
COP@15°C (EN16147)	3.25	3.2	3.22
Tapping cycle (EN16147)	L	L	L
Electric backup power (W)	1500	1500	1500
Ave rage input - heat pump only(W)	495	495	495
Maximum input - heat pump only(W)	625	625	625
Maximum power input (W)	2125	2125	2125
Standby power input/ Pes(W)	37	37	37
Vmax	223	310	292
Heating uptime (h) (@7°C)	6.2	8.2	8.0
Heating uptime (h) (@15°C)	4.65	6.35	6.25
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)	59	59	59
Working temperature - system (°C)	-5-35	- 5- 35	-5-35
Dimensions and connections			
Product Dimensions (D x W x H mm) - Tank	600 x 629 x 1692	600 x 629 x 1987	600 x 629 x 1987
Packing dimensions (D x W x H mm) - Tank	736 x 695 x 1940	736 x 695 x 225 0	736 x 695 x 2250
Gross weight (kg)-Tank/ external unit	110	121	140
Net weight (kg)-Tank/external unit	96	107	126
Load qty. 40HQ	51	51	51