

All-in-One Heat Pump

220L / 270L / 320L



R290 refrigerant

Low-GWP refrigerant (GWP 3).

Wi-Fi smart control

Wireless control capability.

Microchannel heat exchanger

Wrap-around tank design.

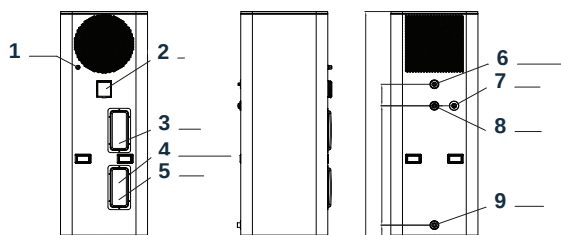
Integrated hot-water storage

Enamel-lined tank; 1.5kW auxiliary heater.

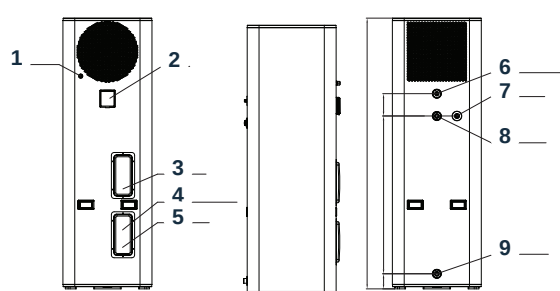
Structure & connections

Three capacities. One shared connection key.

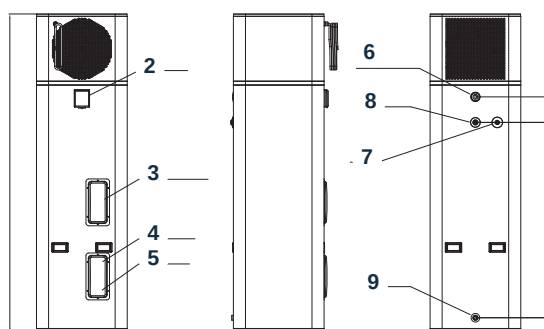
PowerCo220L



PowerCo270L



PowerCo320L



CONNECTION KEY

- 1 Power cable entry
- 2 Display / controller
- 3 Temperature sensor
- 4 Electric heating element
- 5 Magnesium anode
- 6 Condensate drain
- 7 TPR safety valve
- 8 Hot-water outlet
- 9 Cold-water inlet

Specifications

PowerCo Model		POWERCO220L	POWERCO270L	POWERCO320L
Power supply		220V~240V/50HZ/1Phase		
Optional running modes		Standard / Eco / Boost / E-Heater		
Electric heating element		1500W		
Heating capacity	Standard mode (Heat pump only)	2750W	2750W	2750W
Rated input power		0.56kW	0.58kW	0.53kW
COP for heat pump		4.8	4.8	5.2
Recharge rate per hour		61L/h	61L/h	61L/h
Sound level at 1m		55dB(A)	55dB(A)	55dB(A)
Heating capacity	Eco mode (Heat pump only)	2.0kW	2.0kW	2.0kW
Rated input power		0.44kW	0.44kW	0.4kW
COP for heat pump		4.6	4.6	5
Recharge rate per hour		41L/h	41L/h	41L/h
Sound level at 1m		45dB(A)	45dB(A)	45dB(A)
Heating capacity	Boost mode (Heat pump + Electric heater)	4.25kW	4.25kW	4.25kW
Rated input power		2.06kW	2.06kW	2.06kW
COP for heat pump		4.5	4.5	5.1
Recharge rate per hour		108L/h	108L/h	108L/h
Heating capacity	E-Heater mode (Electric heater only)	1.5kW	1.5kW	1.5kW
Rated input power		1.5kW	1.5kW	1.5kW
Recharge rate per hour		33L/h	33L/h	33L/h
Max current (under boost mode)		16.8A	16.8A	16.8A
Refrigerant		R290 (400g)		R290 (450g)
Compressor		GMCC / DC Inverter / Rotary		
Fan motor		DC Inverter		
Fan type		Axial		
Expansion valve		EEV		
Inner tank		Enamel / 2.5mm tank wall / 3.0mm dome		
Inner tank design		Concave		
Tank insulation		Polyurethane / 40mm		
Tank protection		Magnesium anodes		
Heat exchanger		Microchannel		
Outer casing		Galvanized painted sheet / White		
TPR valve		AVG / 850kPa		
Rated outlet water temperature		60°C		
Max outlet water temperature		70°C		
Working range with element		-15°C~43°C		
Working range without element		-7°C~43°C		
IP class		IPX4		
Electric shock proof class		I		
Unpacked dimension		600*600*1646mm	600*600*1884mm	600*600*2105mm
Packed dimension		650*680*1770mm	650*680*2000mm	650*680*2235mm
Net weight		105kg	125kg	145kg
Gross weight		124kg	143kg	164kg

*Product warranty: 1 year, subject to the applicable warranty terms and conditions.

*Above test results are based on an ambient temperature of 20°C/15°C and water heated from 15°C to 55°C.

*Sound levels tested at 1 metre in a hemi-anechoic chamber.