

SPECIFICATIONS

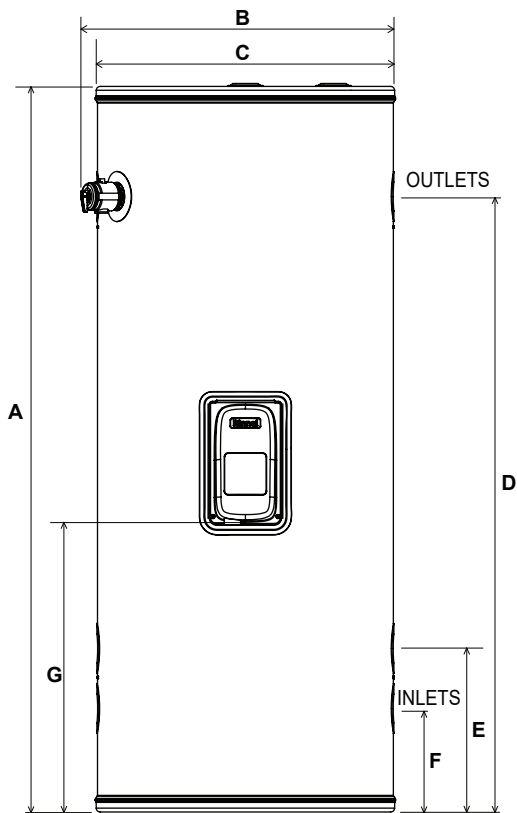
Enviroflo Split - Electric Heat Pump

Model		SHPL70
Net Weight		66kg
Dimensions (L×D×W)		1047x375x690mm
Ambient Temperature Limits (for heat pump operation - element will operate beyond these limits)		-10°C to 45°C
Ingress Protection		IPX4
Heat pump - Hot Outlet and Cold inlet Connections		ISO 7.1 ¾" RC
Storage Cylinder - PTR Valve Connection		ISO 7.1 ½" Rp
Pressure & Temperature Relief (PTR) Valve (Supplied) Setting / Rating		1000 kPa / 10kW
ECV Fitted	Fit PLV if mains pressure exceeds	680 kPa
	Recommended PLV pressure rating	500 kPa
ECV Not Fitted	Fit PLV if mains pressure exceeds	800 kPa
	Recommended PLV pressure rating	500 kPa
Rated Input Electric Element (Factory Wired)		2.4 kW
Maximum Input Refrigeration Module (Factory Wired)		2.0 kW
Total Maximum Input		2.4 kW
Maximum Energy Output (Use to size PTR)		7.8 kW
Power Supply		220V-240V AC/50 Hz.
Switchboard Power Circuit		In accordance with AS/NZS 3000 and local regulations
Maximum Current		11.5 Amps (15 Amps rating power supply)
Sound Pressure Level*		45 ~ 52 dB(A)
Refrigerant Type / Mass		R290 / 510 g
Refrigerant Circuit Maximum Pressure		3200 kPa
Coefficient Of Performance (COP)	32.6°C Ambient 21.1°C cold water inlet	9.2
Heat Output	32.6°C Ambient 21.1°C cold water inlet	7.0kW

*Sound Pressure Level @1.5m. Sound Levels on installations can be higher due to noise reflections from nearby surfaces and structures.

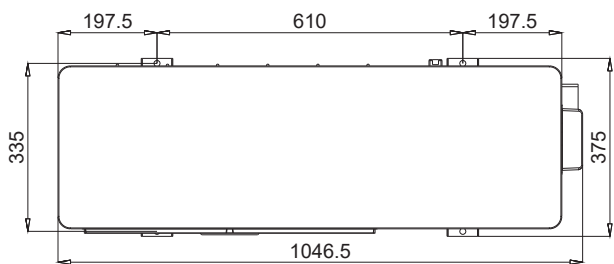
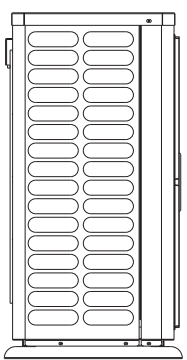
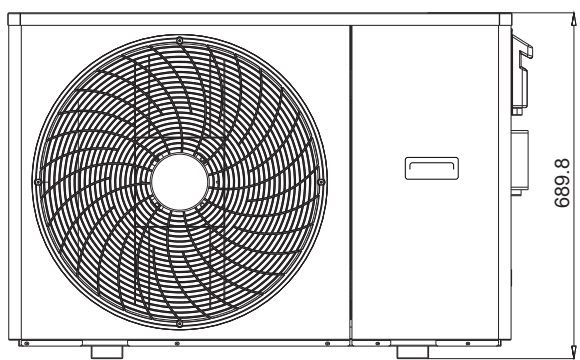
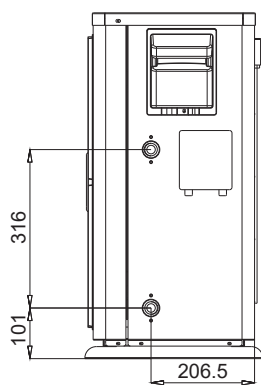
DIMENSIONS (mm)

Tank



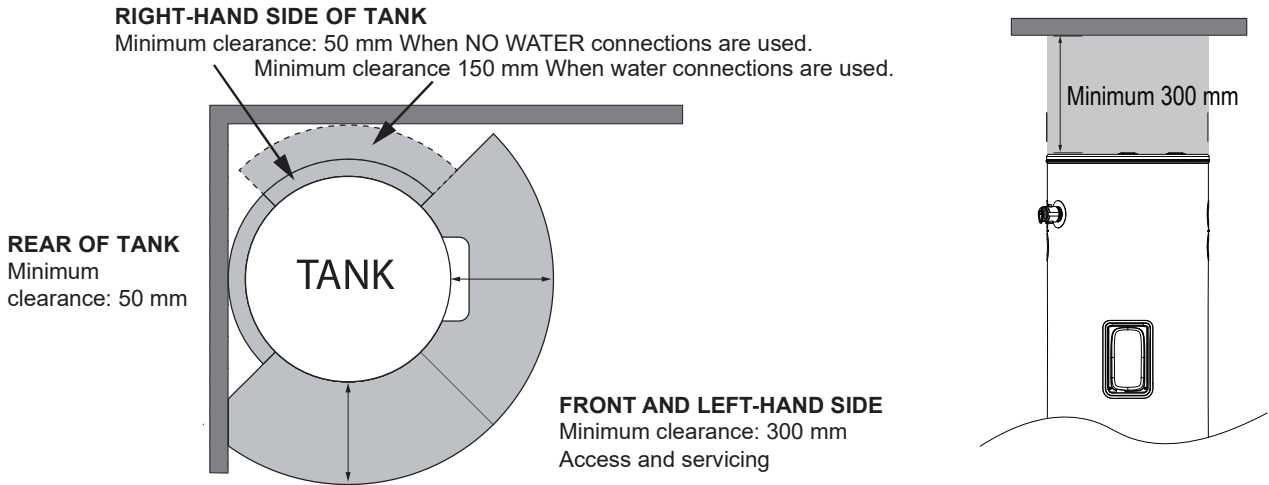
No	Dimension (mm)	Tank Model		
		HPTB250	HPTB315	HPTB400
A	Tank Height	1477	1770	1840
B	Width	674	674	744
C	Tank Diameter	605	605	675
D	Hot Water Outlet	1248	1541	1587
E	Heat Pump Hot Flow	332	332	359
F	Cold Water Inlet	210	210	237
G	Electric Cover	593	754	793
Tank Weights (kg)				
Net Weight (kg)		66	77	90
Filled Weight (kg)		341	413	514

Heat Pump



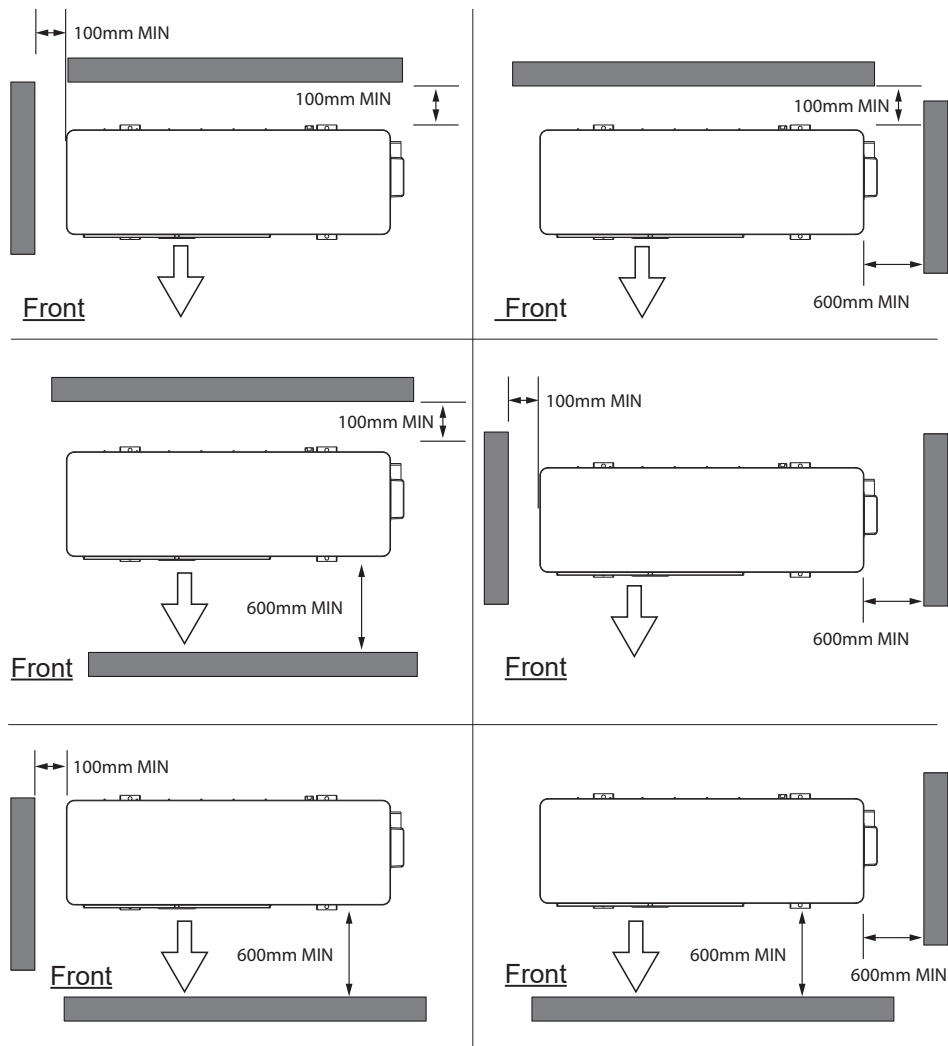
CLEARANCES

Tank



Heat Pump

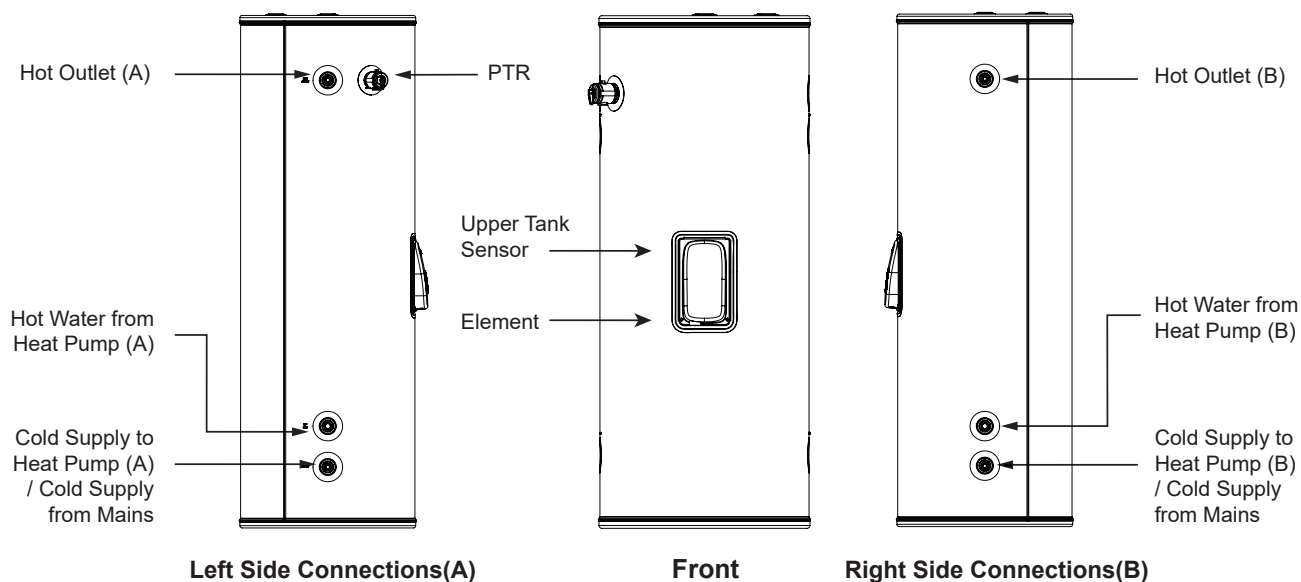
Allow 600mm on the fan discharge side and 100 mm clearance on the fan suction side to allow for sufficient air flow through the fan. All measurements outlined below are minimums.



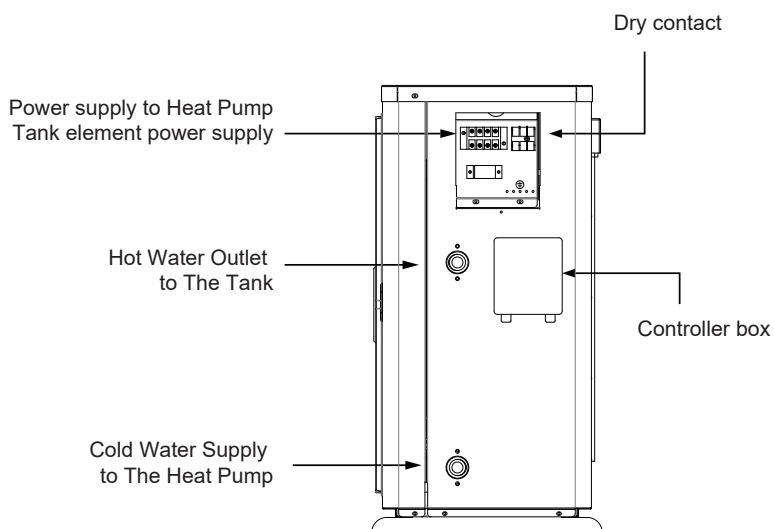
CONNECTIONS

The Tank is supplied with duplicate connections on either side so that the Heat Pump unit can be located on the Left (A) or Right (B) side of the tank more easily as required.

Tank

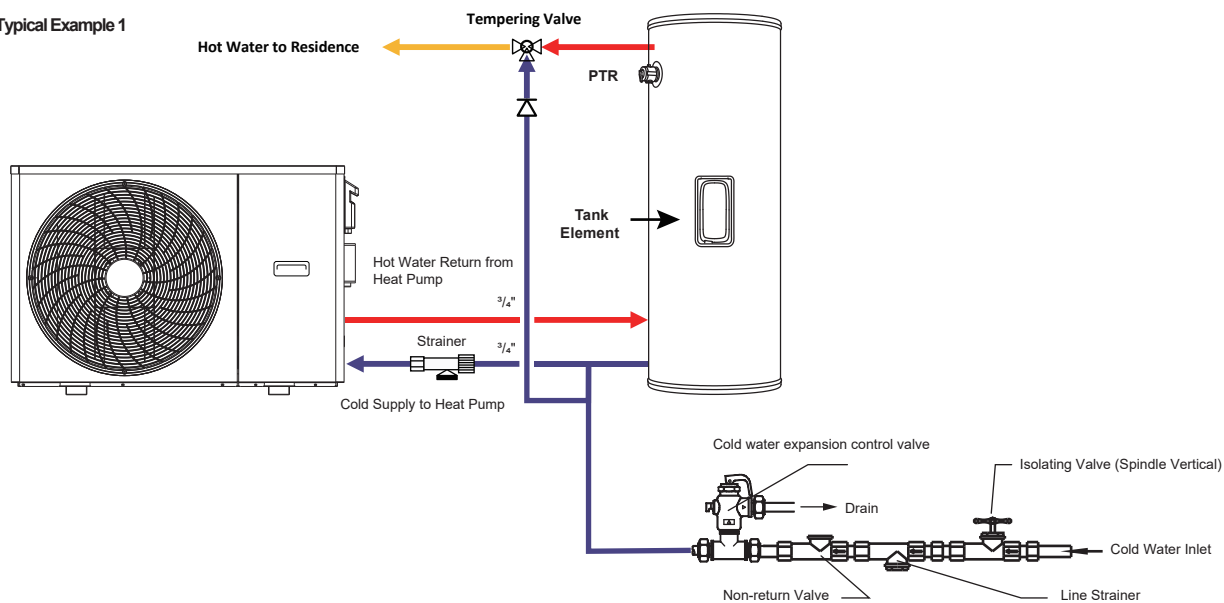


Heat Pump



SYSTEM SCHEMATIC

Typical Example 1



Typical Example 2

