aquatech

SPECIFICATION SHEET
RAPID/X6

210L	5	24-31	4.90	70°C
TANK CAPACITY	PEOPLE	STCS	MAX COP	MAX TEMP.



Compact size that fits the same install footprint as an electric 250L, for quick and easy upgrading.

350% efficiency rating reduces annual running costs versus gas and electric water heaters.

Registered Clean Energy product with annual carbon reduction rating of 3 tonnes.

Non-sacrificial impressed current anode provides protection in soft and hard water conditions.

Intgergrate and maximise your Solar PV with in-built timer controlled heat up cycles.

Hybrid technology with four unique heating modes, to match household demand.

R290 natural refrigerant with effectively zero global warming potential compared to synthetic

Federal & State rebates available

1300 769 904
www.aquatechheatpumps.com.au

SPECIFICATION SHEET

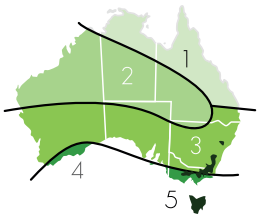
RAPID/X6

aquatech



Aquatech systems comes back with a 5 year replacement warranty, which covers all system components including the tank and compressor. If the system should experience an unrepairable fault within the warranty period, we will provide a free replacement system.

STC VALUES

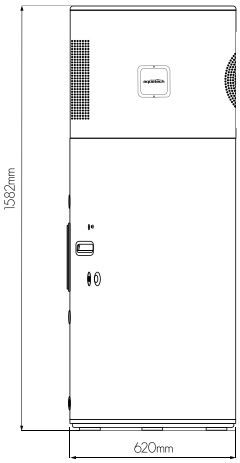


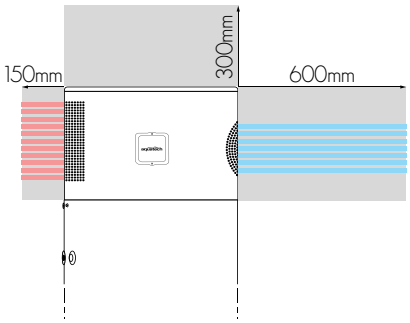
- Zone 1 = 25 STCs
- Zone 2 = 23 STCs
- Zone 3 = 29 STCs
- Zone 4 = 31 STCs
- Zone 5 = 31 STCs

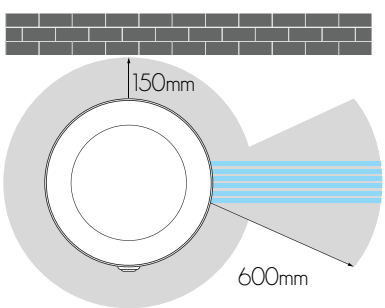
SYSTEM CAPACITY

- Continuous Tariff
- Shoulder Tariff
- Solar PV/Timers

INSTALLATION PARAMETERS







TECHNICAL SPECIFICATIONS

Electricity Supply	220-240 V/50-60 Hz
Circuit	10 Amp/Single Phase
Power Connection	Hardwired/Isolated
Tariff Connection	Continuous/Shoulder/TOU
Compressor Rating	700-900W
Element Rating	1800W
Protection Class	IPX4
Refrigerant	R290 (350g)
Tank Material	Vitreous Enamel
Tank Storage Capacity	210L
Condensate Connection	1/2"Elbow (supplied)
Water Connections	3/4"G
PTR Rating	850 kPa (supplied)
ECV Rating	700 kPa (suggested)
Pressure Reduction Valve	500 kPa (max.)
Tempering Valve	High Performance (suggested)
System Weight	108kg
System Dimensions	620 mm x 1582 mm
Packed Weight	125 kg
Packed Dimensions	700 mm x 700 mm x 1750 mm
Minimum Base Size	600 mm x 600 mm

HEATING PARAMETERS

Operating Modes	Eco, Standard, Hybrid, Hybrid+
Max. Temp. Heat pump	60°C
Max Temp. Element	70°C
Tank Recovery (heat pump)	225 minutes*
COP (heat pump)	4.25*
Heating capacity (heat pump)	2.65kW*

*260L with 40°C water temprerature rise at 19°C air temperature

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The Hydrotherm Range is certified for compliance to the following Australian Standards for construction & performance. AS 2712:2007 Solar & Heat Pump Design | AS 3498: 2009 Legionella Control | AS 60335.240 Electrical Safety AS 4020 Potable Water Quality | AS 5125 Heat Pump Performance Test | AS 4692 Tank Heat Loss Test Engineered by: Aquatech Solar Technologies Pty Ltd | ABN 68 136 584 328