

320L

TANK VOLUME



8 PERSON

MAX CAPACITY

28 - 36

STC RATING

5.00

ANNUAL C.O.P

70°C

MAXIMUM TEMP

The **FUSION/X8** features AC to DC inverter technology, enhancing energy efficiency and heating capacity. It offers exceptional performance and is recognised as one of Australia's most efficient heat pumps. With 320 litres of storage, it is perfect for homes using solar PV or off-peak tariffs, while still supplying enough hot water for the whole day.



500% more efficient than a standard electric water heater, providing significant savings.



Wi-Fi-enabled intelligent controller with unique heating modes and energy monitoring.



Integrate and maximise home solar PV with built-in timers to control heating cycles.



High heating capacity and storage volume to meet large residential demand.



Incorporates R290 natural refrigerant with ultra-low GWP for whole-life sustainability.

Eligible for federal and
state rebates!



A SMARTER HOT WATER SYSTEM BUILT TOUGHER



HEAVY DUTY TANKS
Constructed from 2.5mm sheeting and X-class enamel coatings, twice the industry standard's thickness.



GALVINISED EXTERIORS
Casings are constructed from corrosion-resistant zinc sheets with no exposed plastics to ensure long-term durability.



PRECISION REFRIGERATION
High-performance Highly compressors, Micro-channel heat exchangers & Electronic controls.



SOLAR COMPATIBLE
Built-in timers for powering with home Solar PV, further reducing running costs.



WIFI INTEGRATION
Can be controlled and monitored from phones or tablets via the Tuya smart-home app.



SMART TOUCH CONTROLLER
Easily customise heating output to match home usage with LCD controls.



FUSION/X8 TECHNICAL SPECIFICATIONS

Electricity Supply:	220-240 V/50-60HZ
Circuit:	15 AMP-SINGLE PHASE
Power Connection:	Hardwire to Isolator
Tariff Connection:	Continuous Off-Peak Shoulder
Compressor Rating:	577W
Element Rating:	1600W
Refrigerant:	R290 X 410g
Sound Rating:	48 (db(a)) SOUND PRESSURE
Tank Material:	CARBON STEEL
Tank Storage Capacity:	320L
Water Connections:	3/4"G
PTR Rating:	850kPa 1/2"G
Max Temperature:	70°C
Low Temp Rating:	Class A
System Weight:	146Kg
System Dimensions:	650mm X 2150mm
Packed Weight:	166Kg
Packed Dimensions:	750mm X 750mm X 2300mm
Minimum Base Size:	700mm X 700mm

SIZING RECOMENDATIONS

Warm Climate		Cool Climate	
+8 Continuous Tariff	+5 Off Peak/Solar	+6 Continuous Tariff	+4 Off Peak /Solar

SEASONAL C.O.P & PERFORMANCE

	0°C	7.5°C	15°C	25°C
Temperature (wet bulb)				
C.O.P (heat pump)	2.89	4.8	5.45	7.65
Tank Recovery	9r 10m	6hr 05m	5hr 10m	4hr 45m
Heating Output	1645W	2460W	2900W	3150W
Hot Water Output	35L	55L	65L	70L

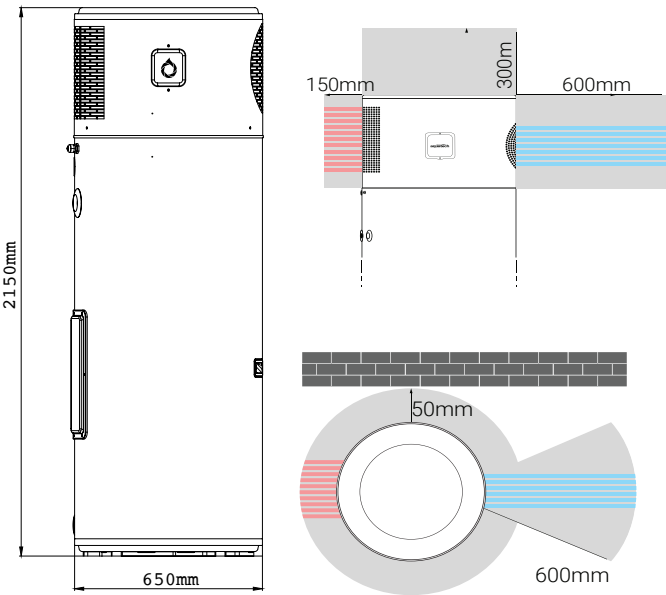
Data provided by AS/NZS 5125.1:2014 test results for conditions. Recovery based on 40°C rise in temperature.



6 -YEAR WARRANTY

Supported by a Six Year Replacement Warranty, covering the tank, electronics, and refrigeration. Should any components experience an unreparable failure, we supply a new system free of charge.

INSTALLATION PARAMETERS



1300 769 904

www.hydrothermhotwatersystems.com.au



The Aquatech 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 60335.24 0 Electrical Safety | AS 4020 Potable Water Quality | AS 5125 Heat Pump Performance Test | AS 4692 Tank Heat Loss Test
Aquatech Solar Technologies Pty Ltd | ABN 68 136 584 328