



Description

150L Heat Pump

Model

150-08AC6-290

Dimensions

1620mm x 540mm

Hot Water Production Rate L/hr (COP)

72 (4.30) @20°C

Specifications

Storage Size	150L	Water Connections	RC3/4"
Rated Delivery	130L	PTR Valve Setting	850kPa
Heating Output	3.61kW	Expansion Ctrl Valve (ECV) Setting	700kPa
Power Input	0.84kW	PLV (without ECV fitted / with ECV fitted)	500kPa / 350 - 500kPa
COP of Heating	4.3 @20°C	Operating Sound Level**	50dB
Water Temp Setting	58°C	Nett (Empty) Weight	100kg
Maximum Tank Temp Setting	60°C	Ambient Operating Temperature	-15°C to +40°C
Compressor	Rotary	Warranty	5 years tank, 2 years electric and refrigeration*
Refrigerant	R290		
Electrical Supply	220-240V/50Hz/1Ph		
Circuit	10 Amps		

Make your next water heater a Quantum heat pump.

For more information call 1800 644 705 or visit quantumenergy.com.au

*Refer to quantumenergy.com.au for warranty details or call 1800 644 705 | Under its policy of ongoing product development, Quantum Energy may from time to time change product specification without notice. All dimensions given are approximate and should be checked prior to installation.

Specifications

Ambient Temperature	Hot Water Production Rate (COP)
35°C	110LPH (5.55)
30°C	98LPH (5.12)
25°C	85LPH (4.73)
20°C	72LPH (4.30)
15°C	58LPH (3.88)
10°C	48LPH (3.45)
5°C	38LPH (3.45)
0°C	31LPH (2.60)
-5°C	26LPH (2.18)
-10°C	24LPH (1.75)

Applications

Suitable for small households and limited commercial applications (excluding recirculating systems).



1-2 People



1 Bathroom



Small Business*

*Subject to correct hot water demand sizing

Features

- Integrated heat pump design (all-in-one unit)
- Uses ambient air to heat water
- Operates in low ambient temperatures (down to - 10°C)
- Standard 220-240V / 10 amp single phase power
- Compact footprint for residential installs

Benefits

- Massive energy savings - uses up to ~70% less energy than traditional electric systems
- Hot water day & night - Works without sunlight - reliable in all weather conditions
- Easy replacement upgrade- ideal swap for electric storage systems
- Cleaner rooflines (no solar panels)

Government Rebates Available

Federal Government Grants Small-Scale Technology Certificate (STCs)

Quantum heat pumps systems are eligible for grants through the Federal Governments Small-scale Renewable Energy Scheme. These grants are called Small-scale Technology Certificates (STCs) and are offered based on how sustainable a hot water system is. Your STC rebate value will depend on your installation location and size of system selected.

Please visit www.rec-registry.gov.au/rec-registry/app/calculators/swh-stc-calculator to calculate your STCs.

State Grants

NSW State Government Rebates

www.energysustainabilityschemes.nsw.gov.au/ESS

SA State Government Rebate

www.energymining.sa.gov.au/industry/energy-efficiency-and-productivity/retailer-energy-productivity-scheme-reps/reps-activity-specifications

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