



## Specifications

### Description

270L Solar Heat Pump

### Model

270-08AC6-290

### Dimensions

1900 x 650mm

### Hot Water Production

Rate L/hr (COP)

75 (4.53)

**Storage Size**

270L

**Rated Delivery**

250L

**Heat Output**

3.81kW

**Power Input**

0.84kW

**COP of Heating**

4.53

**Water Temp Setting**

58°C

**Maximum Tank Temp Setting**

60°C

**Compressor**

Rotary

**Refrigerant**

R290

**Electrical Supply**

220-240V/50Hz/1Ph

**Circuit**

10 Amps

**Water Connections**

RC3/4"

**PTR Valve Setting**

850kPa

**Expansion Ctrl Valve (ECV) Setting**

700kPa

**PLV (without ECV fitted / with ECV fitted)**

500kPa / 350 - 500kPa

**Operating Sound Level at 1.5M**

48dB

**Nett Weight (Empty)**

135kg

**Ambient Air Operating Temperature**

-15°C to +40°C

**Warranty**

5 years (5 years tank, 2 years only electric and refrigeration)\*



AS2712 LIC.2650  
SAI GLOBAL



AS3498 WMKA2531  
SAI GLOBAL

For more information call **1800 644 705** or visit [quantumenergy.com.au](http://quantumenergy.com.au)

\*Refer to [quantumenergy.com.au](http://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.

### Hot water production rate

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Ambient Temperature	Hot Water Production Rate (COP)
35°C	113LPH (5.75)
30°C	102LPH (5.42)
25°C	89LPH (4.98)
20°C	75LPH (4.53)
15°C	61LPH (4.08)
10°C	51LPH (3.64)
5°C	42LPH (3.19)
0°C	33LPH (2.75)
-5°C	29LPH (2.30)
-10°C	26LPH (1.86)

### Applications

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Suitable for average households



**5** People



**2** Bath

### Federal Government ORER Zones and STC Value

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Rebate's are available on application, please visit [quantumenergy.com.au](http://quantumenergy.com.au) for current rebate value and to find out your STC value.

#### NSW State Government Rebates - ESC's

Domestic - HEER Scheme rebates available in addition to STC's for replacing electric and gas hot water systems with a Quantum Heat Pump.

Commercial - IHEAB Scheme rebates available in addition to STC's for replacing electric and gas hot water systems and new installations with Quantum Heat Pumps.

#### Victorian State Government Rebates-VEEC's

Domestic - VEU Scheme 1D rebates available in addition to STC's for replacing electric hot water systems with a Quantum Heat Pump.

Commercial - VEU Scheme -Activity 44 rebates available in addition to STC's for replacing electric and gas hot water systems and new installations with Quantum Heat Pumps.

Please visit [quantumenergy.com.au](http://quantumenergy.com.au) for current rebate value and to check your total rebate availability.

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