

DOMESTIC SOLAR HOT WATER

# QUANTUM HEAT PUMP

## DOMESTIC COMPACT 150-08ACW-134



ENVIRONMENTALLY FRIENDLY  
HOT WATER,  
ON TAP DAY AND NIGHT



AS2712 LIC.2650  
SAI GLOBAL



AS3498 WMKA2531  
SAI GLOBAL

**Quantum**  
ENERGY TECHNOLOGIES

# TECHNICAL SPECIFICATION

## DOMESTIC COMPACT 150-08ACW-134



<b>Storage Sizes (Litres)</b>	150
<b>Rated Size (Litres)</b>	125
<b>Heat Output (kW)</b>	2.36
<b>Power Input (kW)</b>	0.66
<b>COP of Heating</b>	3.67
<b>Water Temp Setting</b>	60°C
<b>Maximum Tank Temp Setting</b>	70°C
<b>Compressor</b>	16.55cc*
<b>Refrigerant</b>	R134a
<b>Electrical Supply</b>	220-240V/50Hz/1Ph
<b>Circuit</b>	10 Amps
<b>Water Connections</b>	3/4" BSP - 20mm
<b>PTR Valve Setting</b>	1,000kPa
<b>Expansion Ctrl Valve (ECV) Setting</b>	850kPa
<b>PLV (without ECV fitted / with ECV fitted)</b>	500 - 600kPa / 350 - 500kPa
<b>Operating Sound Level at 1.5M</b>	50dBA
<b>Dimensions (Height x Diameter)</b>	1620mm x 540mm
<b>Nett (Empty) Weight</b>	100kg
<b>Ambient Air Operating Temperature</b>	-10°C to +40°C
<b>Hot Water Production Rate L/hr (COP)</b>	53 (3.67)

Testing at 20°C, 60% relative humidity ambient and water heated from 20°C to 60°C

## Applications:



Residential Homes  
Transportable Homes  
Townhouses  
Units  
Retirement Villages  
Resorts  
Nursing Homes

**Federal Government ORER Zones and STC Value.**  
Please visit our website for current rebate value.

<b>Zone 1</b>	<b>23</b>
<b>Zone 2</b>	<b>22</b>
<b>Zone 3</b>	<b>27</b>
<b>Zone 4</b>	<b>29</b>
<b>Zone 5</b>	<b>29</b>

A Quantum heat pump saves you energy, money and reduces greenhouse gas emissions once installed, and the Federal Government provides financial incentives in the form of STCs for hot water heat pumps. In addition, some state and local governments provide other rebates. For more information please visit [www.quantumenergy.com.au](http://www.quantumenergy.com.au) or call us on 1800 383 888.