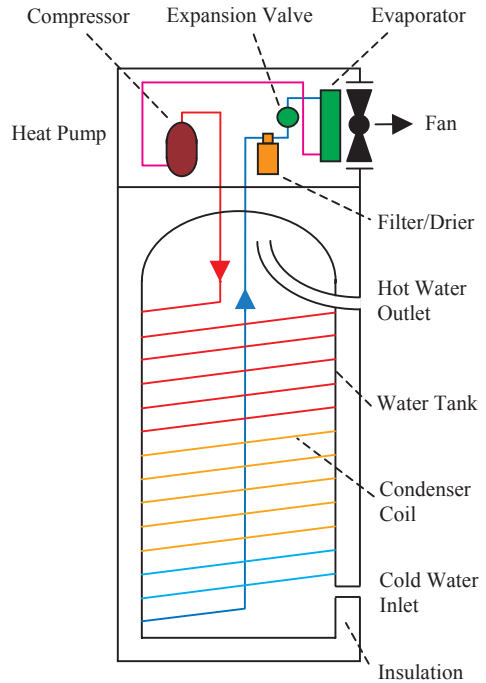




Quantum

*Hot Water From Thin Air*

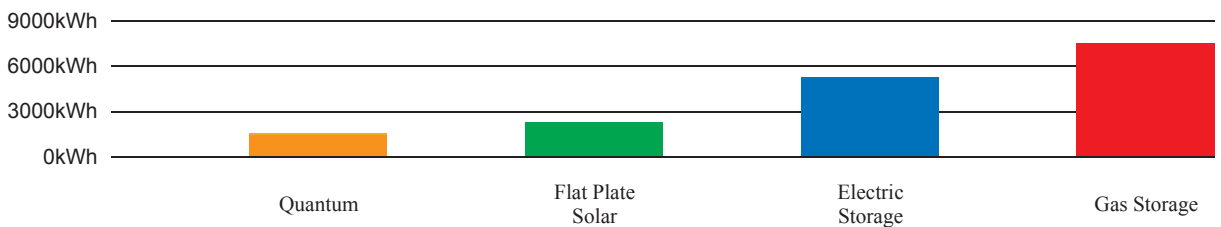
Compact Solar : 120AC-417



## Features & Benefits

- Saves up to 75% of hot water heating costs
- Works in all weather – extracting Solar energy from the air \*
- Supplies continuous Solar hot water – day and night
- Produces up to 1,100 – 1,400 litres of hot water per day
- No electric booster element
- No ugly roof panels

### Energy Consumption Comparison



Annual Energy Usage (kWh) based on 260 litres per day in typical moderate climatic conditions

\* Ambient temperatures from -10°C to +40°C

# Quantum



## Quantum

## Hot Water From Thin Air

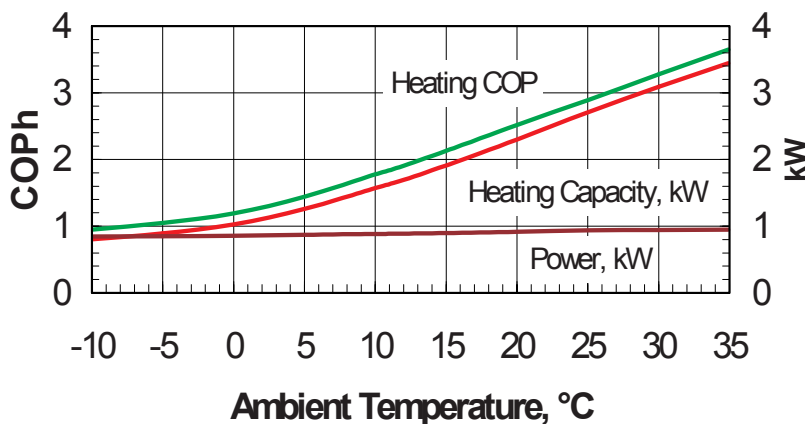
### Compact Solar : 120AC-417

#### Technical Data

Model	120-T2-EC
Storage Capacity (Litres)	120
Delivery Rating (Litres)	105
Dimensions (mm)	
Total Height (mm)	1600
Diameter (mm)	520
Sound Level dBa @ 1.5 metre	58
Weight Empty (Kg)	82
Inlet/Outlet Connections	3/4" BSP
PTR Valve Connection	1/2" BSP
PTR Valve Setting (kPa)	850
Expansion Control Valve (ECV)* Setting (kPa)	700
Max. Water Supply Pressure	
With ECV* Fitted (kPa)	350
Without ECV* Fitted (kPa)	500
Maximum Thermostat Setting (°C)	62
Factory Thermostat Setting (°C)	60
Minimum Thermostat Setting (°C)	47
Manifold – Minimum Centre To Centre (mm)	1000
Electrical Connection	240 Volt / 10 Amp Circuit
Minimum Space Surrounding Heater For Airflow	120m <sup>3</sup> - Equivalent to a double garage
Ambient Temperature Range (°C)	-10 to +40
Refrigerant	R417a

Specifications Subject To Change Without Notice

### Performance of 120AC - 417 (Water Heated from 20°C to 60°C)



### Hot Water Recovery Rate

Ambient (°C)	Litres Per Hour
35	75
30	66
25	58
20	49
15	41
10	34
5	27
0	22
-5	19
-10	17

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