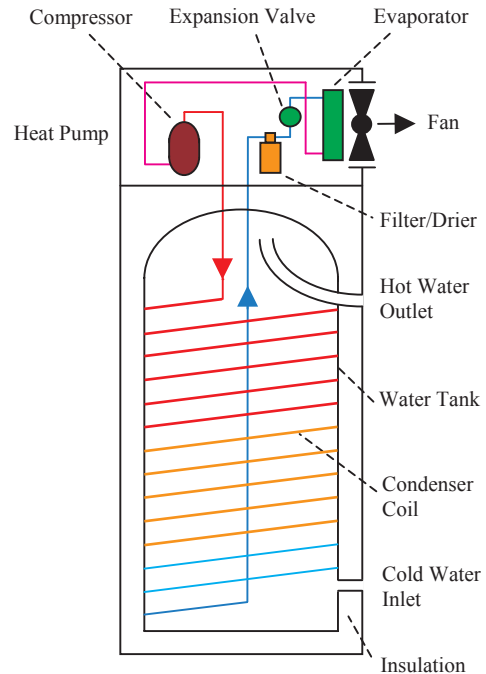




Quantum

Hot Water From Thin Air

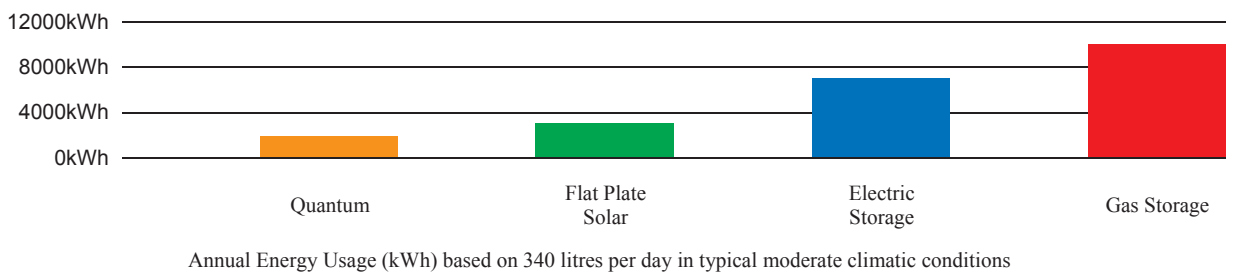
Compact Solar : 270/340ACH-134



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 1,200 – 1,600 litres of hot water per day
- No electric booster element
- No ugly roof panels

Energy Consumption Comparison



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

Quantum



Quantum

Hot Water From Thin Air

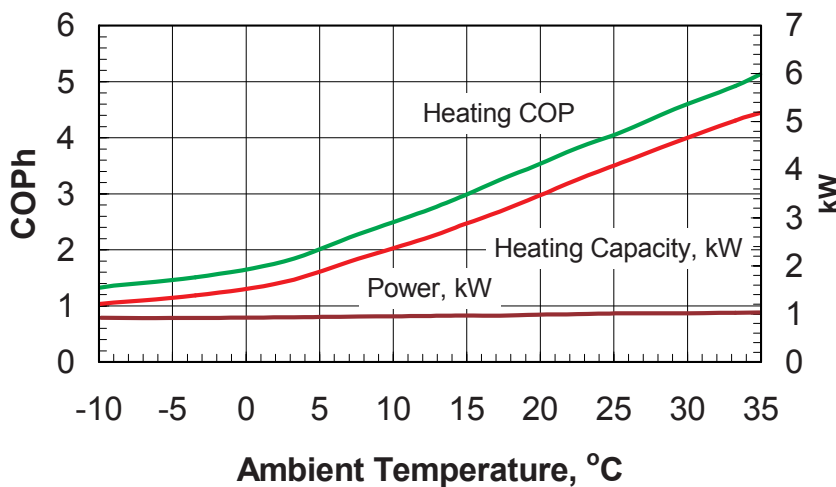
Compact Solar : 270/340ACH-134

Technical Data

Model	270ACH-134	340ACH-134
Storage Capacity (Litres)	270	340
Delivery Rating (Litres)	250	315
Dimensions (mm)		
Total Height (mm)	1900	2200
Diameter (mm)	650	650
Sound Level dBa @ 1.5 metre	52	52
Weight Empty (Kg)	135	170
Inlet/Outlet Connections	3/4" BSP	3/4" BSP
PTR Valve Connection	1/2" BSP	1/2" BSP
PTR Valve Setting (kPa)	850	850
Expansion Control Valve (ECV)* Setting (kPa)	700	700
Max. Water Supply Pressure		
With ECV* Fitted (kPa)	350	350
Without ECV* Fitted (kPa)	500	500
Maximum Thermostat Setting (°C)	62	62
Factory Thermostat Setting (°C)	55	55
Minimum Thermostat Setting (°C)	47	47
Manifold – Minimum Centre To Centre (mm)	1000	1000
Electrical Connection	240 Volt / 15 Amp Circuit	
Minimum Space Surrounding Heater For Airflow	120m ³ - Equivalent to a double garage	
Ambient Temperature Range (°C)	-10 to +40	
Refrigerant	R134a	

Specifications Subject To Change Without Notice

Performance of 270ACH - 134 (Water Heated from 20°C to 60°C)



Hot Water Recovery Rate

Ambient (°C)	Litres Per Hour
35	112
30	100
25	88
20	75
15	59
10	48
5	38
0	31
-5	26
-10	24

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