



Fortune CP High Pressure Solar Water Heaters

The concept of FORTUNE CP's system was to create an environmentally safe, super-efficient and reliable solar water heater that is durable and easy to install.

This is the most efficient of all the series. Pumps circulate water or a non-freezing heat-transfer fluid through the collectors and a heat exchanger. This heats the water that then flows into the home. They are popular in climates prone to freezing temperatures.

Hot water flow rate depends on the cold water pressure, the higher the pressure of tap water, the stronger the flow rate of hot water. These work in all applications where water consumption is low to high. Often these systems are installed with an electrical back-up element.

In terms of price High Pressure systems are the higher range. However the benefits you get are as free hot water for over 20 years. This system is also the most reliable in terms of continuous hot water availability

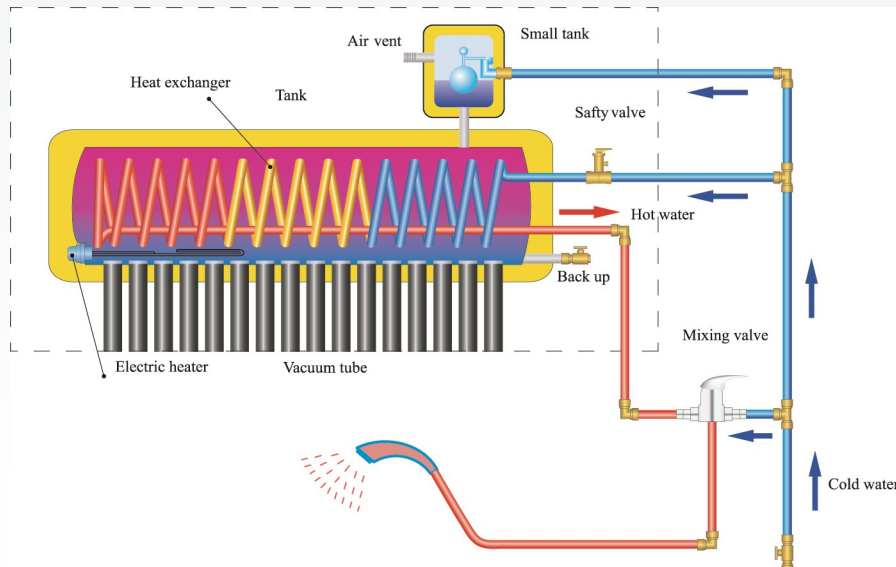


Applications

- Houses/Homes
- Hotels and Tourism resorts
- Schools, Hospitals and Clinics
- Other applications

FEATURES

- 1) Simple structure
- 2) Easy to install
- 3) Can be used with an auxiliary electric booster so as to provide hot water on days without sunshine
- 4) Can be installed on an inclined roof using a frame
- 5) A small gravity feed tank can be added for automatic water feeding



Technical data

	FCTZ58/1800-15C	FCTZ58/1800-20C	FCTZ58/1800-25C	FCTZ58/1800-30C
GENERAL DATA				
absorbing area (m2)	2.082	2.788	3.558	4.142
working pressure (bar)	4			
ambient temperature	-30-60 °C			
daily efficiency	≥55%			
empty weight (kg)	65	78	96	120
loading qty (20/40/40HQ)	45/90/102	40/80/88	32/64/72	26/52/60
STORAGE TANK				
Capacity (L)	150	200	250	300
outer material (mm)	painted steel 0.4mm • stainless steel 0.4mm ◦ galvanized 0.4mm ◦			
inner material (mm)	stainless steel 316 1.2mm			
insulation	PUF			
electric heater	•			
T/P valve	T=90°C, P=4bar			
relief valve	4 bar			
nipple size	1/2"			
feeder tank	-			
welding	•			
reflector	•			
controller	◦			
tank packing size (mm)	1630*560*560	2050*560*560	2480*560*560	2900*560*560
VACUUM TUBE				
size	58/1800mm			
tube qty	15	20	25	30
tube packing size (mm)	1880*330*250			
FRAME				
material	galvanized • stainless steel ◦ aluminum ◦			
inclined roof	-			
angle	45° • 30° ◦			

QUALITY

FORTUNE CP 's solar water heaters are manufactured by a factory with International Standards such as ISO 9001:2000, CE, Solar Keymark, SABS, CSA. The systems are suitable for supply to Europe, Americas, Africa and Asia.



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