

FCP Pre-heated Pressure Water

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

Characteristics:

- Uses copper coil as heat exchanger because the thermal transfer rate of copper is among the highest of all metals.
- The tank works at atmospheric pressure, but the copper coil works with pressure. It is tested by water at 1.2MPa pressure and tested by air at 0.6MPa pressure before delivery.
- Using copper pipe as tap water transport pipe is very popular in Europe and North America since the surface of copper isn't suitable for bacterial reproduction. Therefore the water quality is good.
- Pipe connection size is 1/2", DN15mm - screwed connection
- 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 Pre-heated pressure systems are like a hybrid between low pressure and high pressure systems. The price is reasonable for the benefits you get, such as free hot water for over 20 years. The payback period is very short, many cases less than 2 years.

FEATURES

Inner tank: Stainless steel SUS304—0.5mm

Vacuum tube: QB-AL-N/AL-47-1500

Outer tank: Painted steel—0.4mm/aluminum-zinc coated steel-0.45mm/stainless steel SUS304

Frame: Coated galvanized steel—1.5mm; stainless steel SUS430-1.55mm.

Insulation material: polyurethane 50mm/60mm/65mm.

Reflector: Aluminium component; AL99.85% surface oxidation; stainless steel

QUALITY

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



Applications

Houses and flats
Hotels and tourism resorts
Schools and clinics
Commercial and industrial applications
Other applications

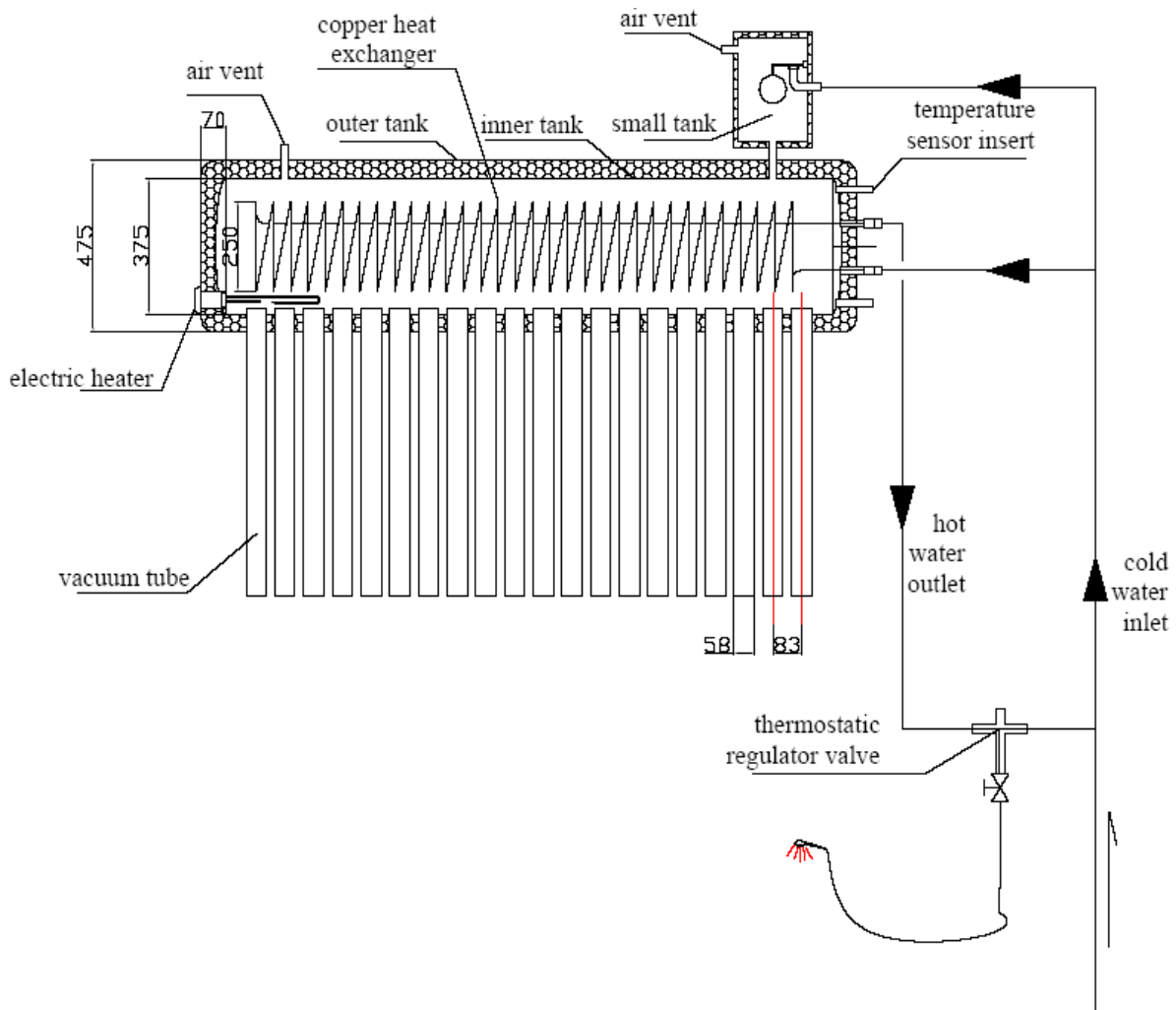
System components supplied

- Solar collector evacuated tubes
- Reflector
- Tanks— large and small
- Stand

Optional

- Electric heater element
- Controller
- Regulator valve
- Circulation pump
- Relief valve

Model	Tube diameter	Tube length	Tube quantity	Tank capacity	Outer tank material	Inner tank material
FCTZCD58/2000-20E	Φ58	2000mm	20 Pieces	200 L	Painted steel	SUS304-0.6mm
FCTZCD58/2000-24E	Φ58	2000mm	24pieces	240 L	Painted steel	SUS304-0.6mm
FCTZCD58/2000-30E	Φ58	2000mm	30 pieces	300 L	Painted steel	SUS304-0.6mm



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