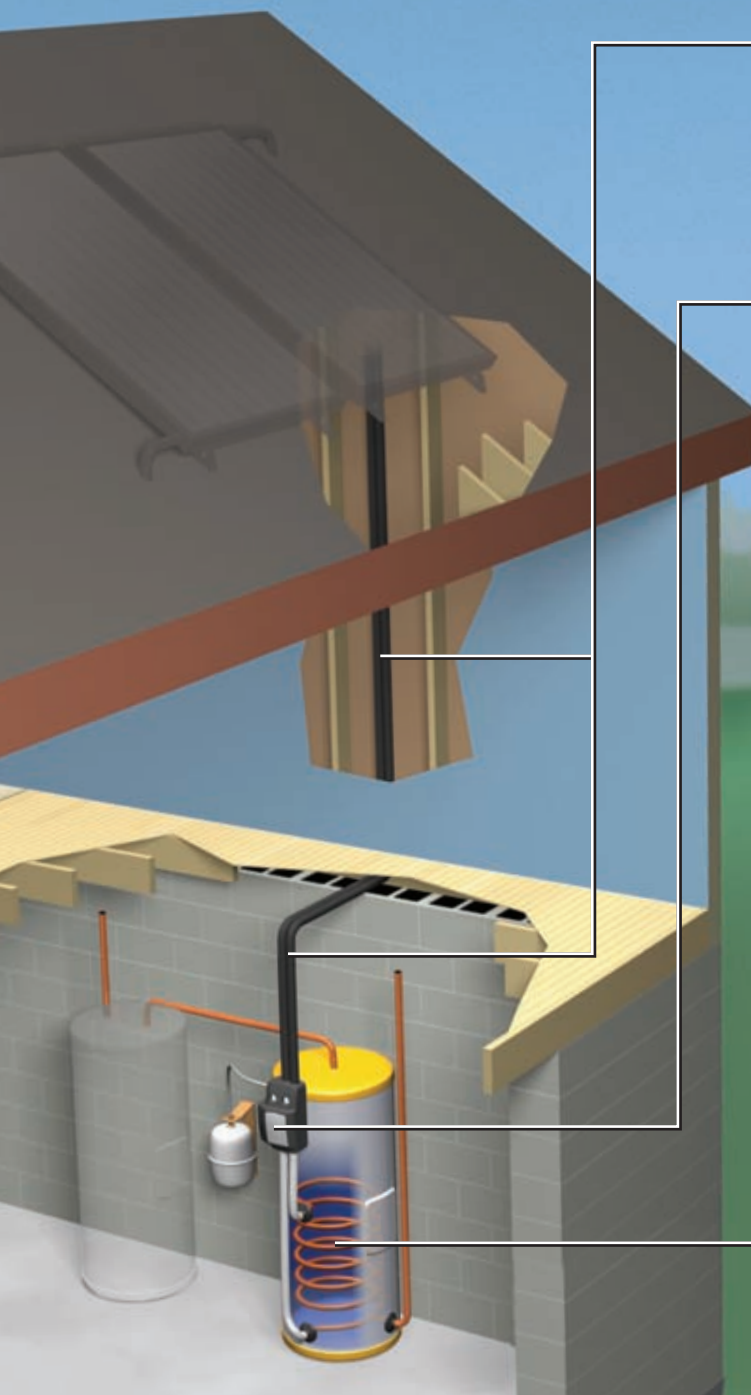


Caleffi – P Series Solar Water Heating Systems.

The perfect package if you already use another brand of solar panels.



SolarFlex™ Insulated Flexible Stainless Steel Piping

High temperature EPDM insulation, UV resistant. Six year warranty.

- 3/4" x 50 foot continuous coil
- Heavy durable UV resistant film outside jacket with built-in sensor wire



iSolar™ Differential Temperature Controller and Solar Pump Station

Controls flow, pump speed and tank temperature. Four year warranty with authorized installer.

- Variable pump speed control
- Collector overheat protection
- Storage tank cooling
- kWh energy measurement
- Adjustable delta T function
- Shut off valves with built-in flow checks
- Fill and purge plus safety valves
- Flow meter and flow adjustment
- Temperature and pressure gauges
- Three speed pump, UL listed



SolarCon™ Storage Tank

50, 80 and 120 gallon with boost heating. Six year warranty.

- 4,500 watt UL listed boost element with aquastat (available on select tanks)
- All sizes feature single heat exchanger coils (lower), some 80 and 120 gallon tanks also feature dual heat exchanger coils (upper and lower)
- Thick durable porcelain enamel lining
- Heavy gauge powdered coated steel outside jacket
- Dual heavy duty anode rods for corrosion protection
- Thick 2" non CFC foam insulation
- Built-in temperature sensor wells



CALEFFI SOLAR

Solar Water Heaters

Caleffi – P Series Solar Water Heating Systems (without solar panels).

Family Members	SolarCon Storage Tank Size	System Code
1-2 people	50 gallon single coil (NAS20053)	NAS30020-P
2-4 people	80 gallon single coil (NAS20083)	NAS30040-P
2-4 people	80 gallon dual coil (NAS20082)	NAS30042-P
4-8 people	120 gallon single coil (NAS20123)	NAS30060-P
4-8 people	120 gallon dual coil (NAS20122)	NAS30062-P



SolarCon Storage tanks

Porcelain coated steel interior. 2" non-CFC foam insulation. Powder-coated steel exterior. Internal heat exchanger (HX) coils. Built-in temperature sensor wells.

Part #	Description
NAS20053	50 gallon tank, lower HX coil with electric element boost
NAS20083	80 gallon tank, lower HX coil with electric element boost
NAS20082	80 gallon tank, lower HX coil and top HX coil for boiler boost
NAS20123	120 gallon tank, lower HX coil and electric element boost
NAS20122	120 gallon tank, lower HX coil and top HX coil for boiler boost



System Components

The following are included in each solar water heating system:

Key	Part #	Description
1	255060A	Dual-line solar pump station with 3/4" SolarFlex fittings
2	NA267003	Bracket kit to mount solar pump station to storage tank
3	257260A	iSolar Plus differential temperature controller
4	NA15006	Lightning protector
5	NA10092	18" SJ round cord connects pump to controller
6	NA3540-15	SolarFlex 3/4" x 50 ft. coil piping with fittings to attach directly to solar pump station collector
7	NA12133	Hangers for 3/4" SolarFlex (4 pcs)
8	NA3140-02	Two 3/4" SolarFlex pipes with insulation. 6' long for tank HX connection to bottom of solar pump station
9	NA10093	Two 90-degree brass elbows 1" male union half for tank HX connection to bottom of solar pump station
10	250041A	Automatic solar air vent, 1/2" NPT male
11	NA29284	Solar air vent shut-off valve, 1/2" NPT MxF
12	NAT624162	Tee 1" M union x 1/2" NPT F x 1" union nut
13	NA35001	EPDM insulation black tape, 1/8" x 2" x 25' roll, UV-resistant
14	NA35002	UV-resistant black film tape, 2" x 30' roll



Optional Components

The following are optional in each solar water heating system:

Key	Part #	Description
15	259012	3 gallon
	259018	5 gallon
	259024	7 gallon
	259035	9 gallon
		Tank size is system dependent
16	255001	Expansion tank wall mounting kit with double-check valve
17	NA10103	5 gallons of premixed 50/50 non-toxic heat transfer fluid. NSF listed (quantity system dependent)



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