



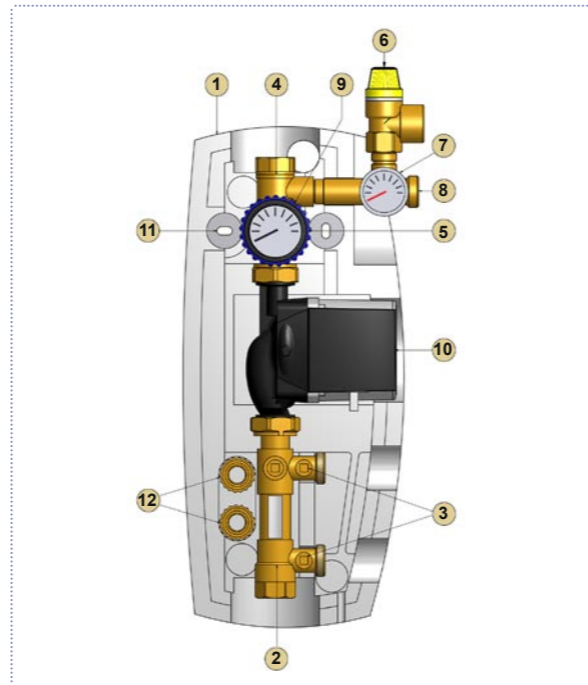
The **Barberi®** Solar Pump Station *trollino* is to be installed in the primary solar heating circuit, a forced circulation circuit.

The Station allows to adjust flow rate, fill and discharge, cleaning, pump replacement without discharging the whole circuit, control the temperature, back pressure and back flow prevention.

trollino

2009/01

Characteristics	
Components' body	UNI EN 12165 CW617N brass
Washer & tightness Orings	Viton & EPDM
Insulation box	PPE
Fluids	Water & 50% Glycol Solution
Max working pressure	10 bar
Flow rate regulator max working temperature	140 °C
Shut-off and check valves max working temperature	140 °C
Safety valve max working temperature	160 °C
Connections	3/4" F
Expansion Vessel connection	3/4" M
Fill & Discharge connection	3/4" M & Hose connection
Grundfos solar circulation pump	
Body Material	Cast Iron
Power Supply	230V - 50 Hz
Max pressure	10 bar
Max temperature	110 °C



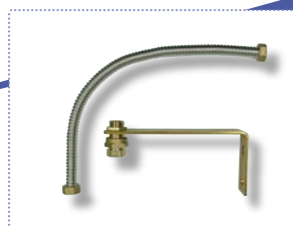
N.	Description
1	Insulation box
2	Flow rate regulator (rates 0,5÷15 l/min)
3	Fill & discharge valves
4	Shut-off & check valve unit
5	Blue-handle with integrated thermometer (0÷160 °C)
6	Safety valve for solar circuits
7	Pressure Gauge (0÷10 bar)
8	Expansion Vessel connection
9	Check valve bypass device
10	Grundfos solar circulation pump
11	Wall Mounting set
12	Hose connection

On request
 • Different Connections • Different rates for flow regulator

Accessories



Expansion Vessel



Expansion Vessel mounting Kit
 Composed of Wall Mounting Kit, automatic shut-off valve & stainless steel hose



Connection Nuts for pipelines

Barberi®
 RUBINETTERIE INDUSTRIALI s.r.l.

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 Str. Progresului nr. 30-40, sector 5, Bucuresti
 tel: 021.411.44.44, fax: 021.411.36.14
 www.calorserv.ro - www.calor.ro

Here comes the sun!

Solar Pump Stations



The **Barberi® Solar Pump Station trolli** is to be installed in the primary solar heating circuit, a forced circulation circuit.

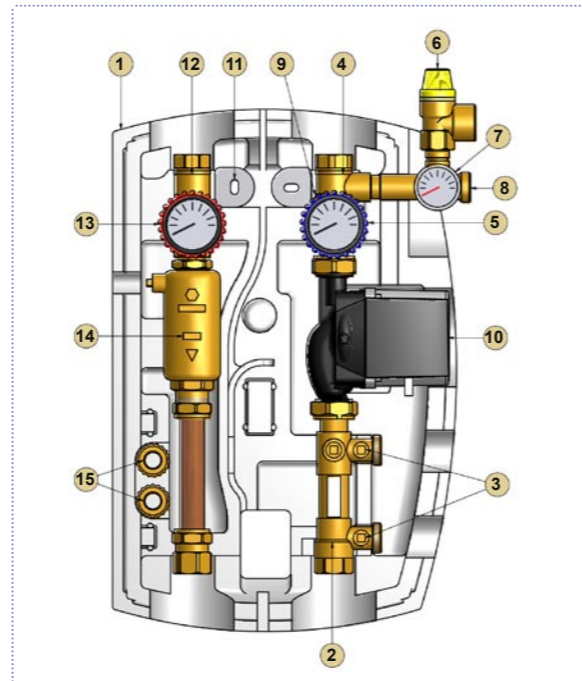
The Station allows to adjust flow rate, fill and discharge, cleaning, pump replacement without discharging the whole circuit, control the temperature, back pressure, back flow prevention, discharge air from circuit.



The **Barberi® Solar Pump Station trolliplus** is to be installed in the primary solar heating circuit, a forced circulation circuit. The Station allows to adjust flow rate, fill and discharge, cleaning, pump replacement without discharging the whole circuit, control the temperature, back pressure, back flow prevention, discharge air from circuit. The controller is integrated in the station.

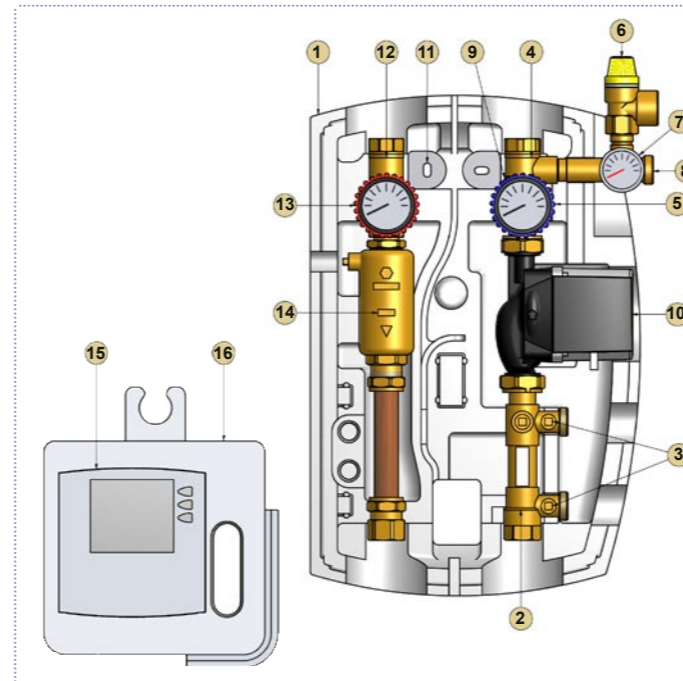


Characteristics	
Components' body	UNI EN 12165 CW617N brass
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Insulation box	PPE
Fluids	Water & 50% Glycol Solution
Max working pressure	10 bar
Flow rate regulator max working temperature	140 °C
Shut-off and check valves max working temperature	140 °C
De-aerator max working temperature	140 °C
Safety valve max working temperature	160 °C
Connections	3/4" F
Expansion Vessel connection	3/4" M
Fill & Discharge connection	3/4" M & Hose connection
Grundfos solar circulation pump	
Body Material	Cast Iron
Power Supply	230V - 50 Hz
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2	Flow rate regulator (rates 0,5÷15 l/min)
3	Fill & discharge valves
4	Shut-off & check valve unit
5	Blue-handle with integrated thermometer (0÷160 °C)
6	Safety valve for solar circuits
7	Pressure Gauge (0÷10 bar)
8	Expansion Vessel connection
9	Check valve bypass device
10	Grundfos solar circulation pump
11	Wall Mounting set
12	Hose connection
13	Red-handle with integrated thermometer (0÷160 °C)
14	Deaerator
15	Hose connection

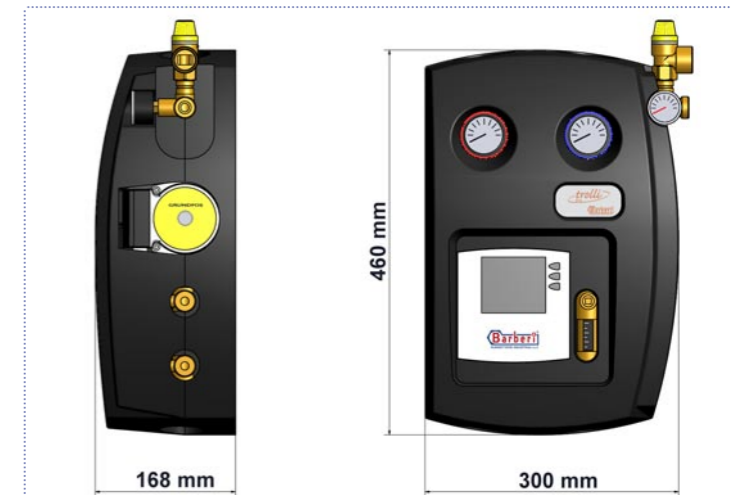
On request
 • Different Connections • Different rates for flow regulator



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10	Grundfos solar circulation pump
11	Wall Mounting set
12	Hose connection
13	Red-handle with integrated thermometer (0÷160 °C)
14	Deaerator
15	Controller
16	Rawl plug

On request
 • Different Connections • Different rates for flow regulator
 • Different Controllers

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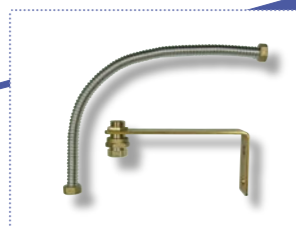


Accessories

Accessories



Expansion Vessel



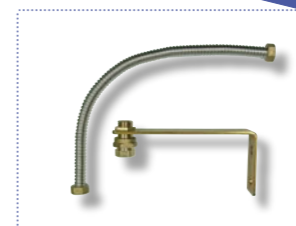
Expansion Vessel mounting Kit
 Composed of Wall Mounting Kit, automatic shutt-off valve & stainless steel hose



Connection Nuts for pipelines



Expansion Vessel



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Connection Nuts for pipelines