

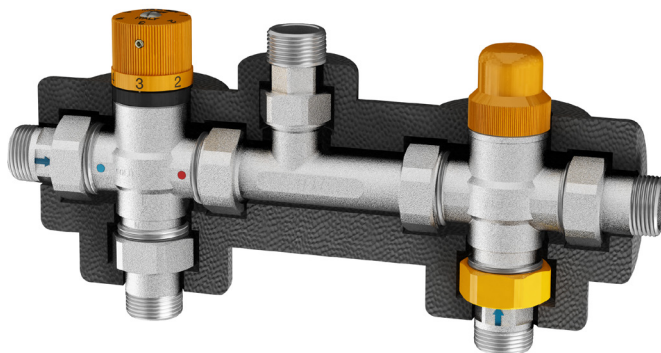


Instruction booklet

SOLAR UNIT FOR SYSTEM WITH THERMAL INTEGRATION

Art.3092

SOLARFAR units art.3092, allow use of a solar thermal system in combination with a modulating boiler. The unit is provided with insulation.

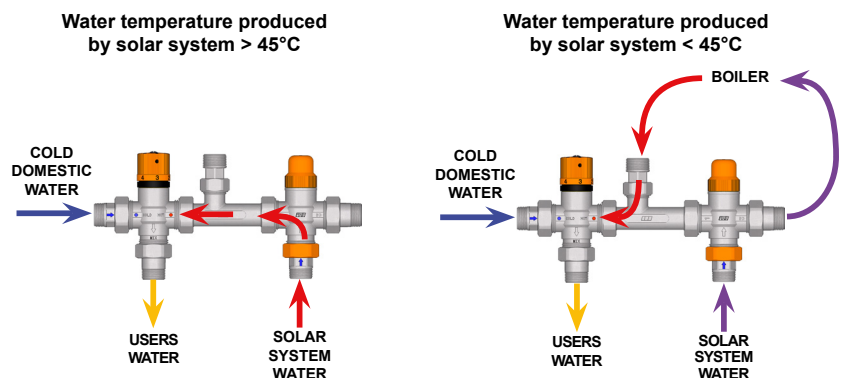


Solar unit with thermostatic diverter for systems with thermal integration.

- Solar mixer with 30+65°C temperature range
- Thermostatic diverter with presetting 45°C
- Max. pressure: 10 bar
- Max. temperature : 110°C
- Non-return valves on the inlets
- EPDM sealing gaskets
- Insulation
- Connections with 3/4" unions

Solar unit with thermal integration

When the temperature of the water in the solar storage-tank exceeds the set value (45°C), the thermostatic diverter will direct the flow to the thermostatic mixer, making it available to users. If the stored water temperature falls below the set value (45°C), the diverter will re-direct the water to the boiler, which heats the water to the desired temperature.



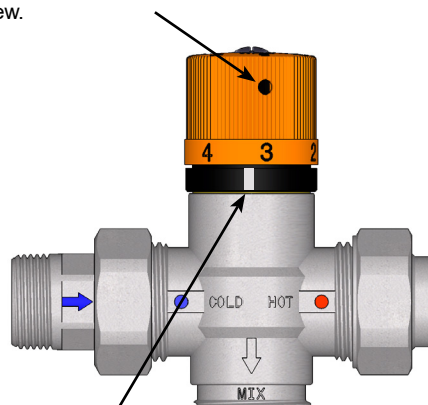
INSTALLATION

The solar unit with thermostatic diverter can be installed in any position.

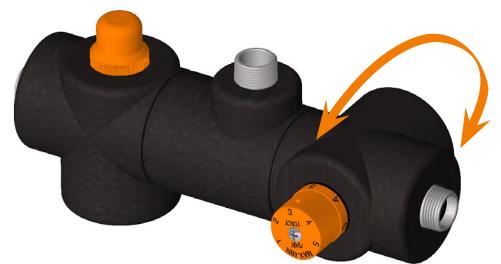
Once the temperature has been set, it is possible to lock the handle by pressing the screw.

SELECTOR POSITION	TEMPERATURE °C
MIN	30
1	35
2	40
3	45
4	55
5	60
MAX	65

Setting parameters:
Tcold=15°C Thot= 65°C P= 3bar

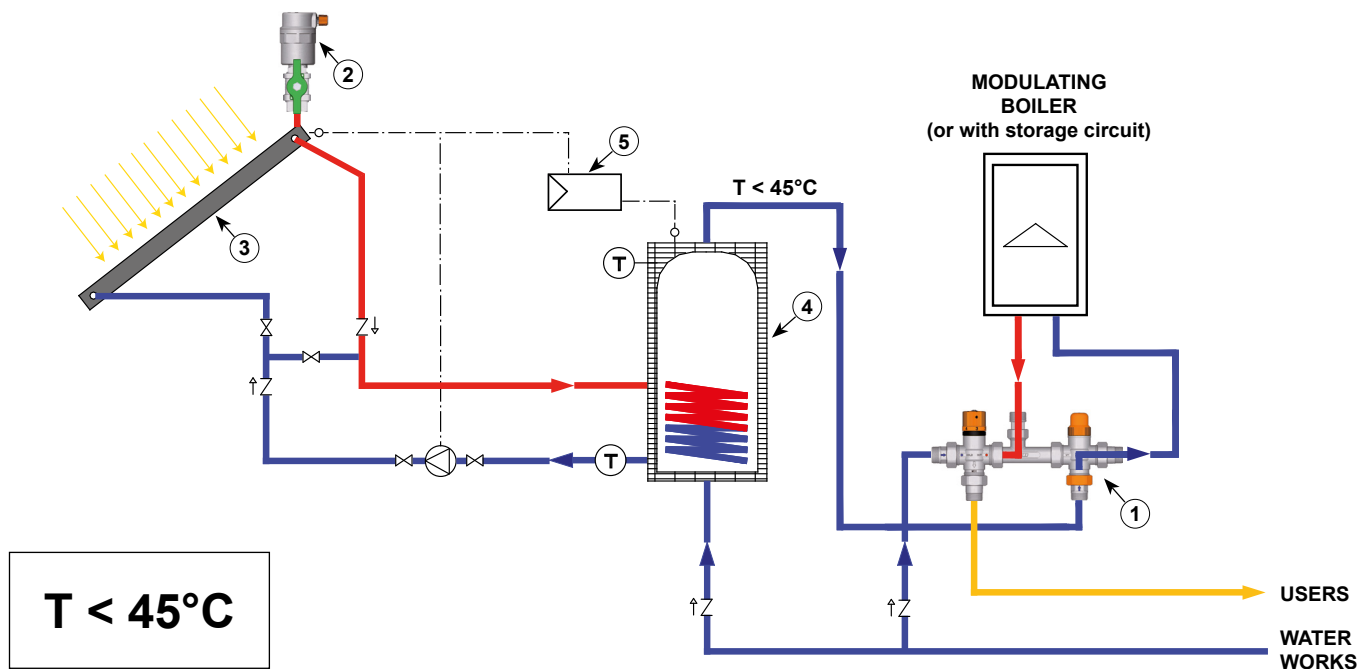


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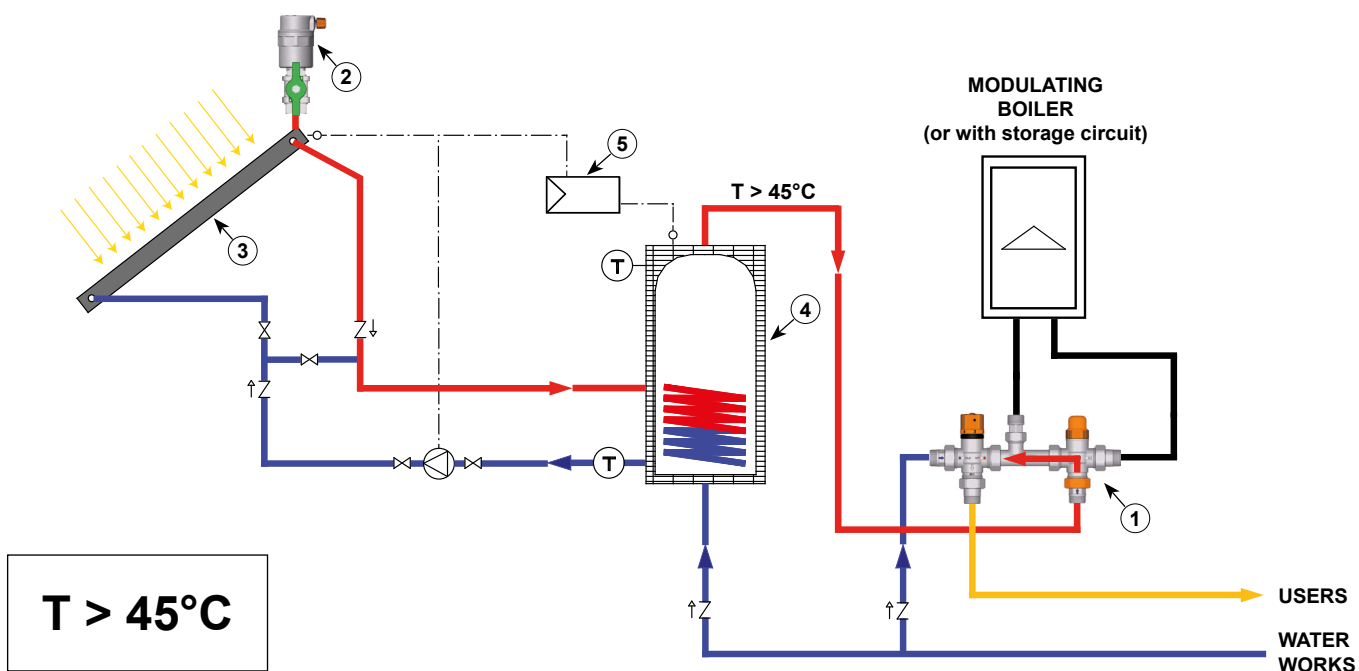


The thermostatic mixer can rotate through 360°, thus facilitating connections, according to the layout of the system.

Installation overview of art.3092 in a solar thermal system with forced circulation and modulating boiler where the water temperature produced by the solar system is less than 45°C



Installation overview of art. 3092 in a solar thermal system with forced circulation and modulating boiler where the water temperature produced by the solar system is greater than 45°C



LEGEND

- ⊕ Temperature probe
- Ⓣ Temperature gauge
- ⊗ Pump
- ⊗ Shut-off valve
- ↑Z Non-return valve

- 1- SOLAR UNIT ART.3092
- 2- Solarfar air vent valve
- 3- Thermal solar panel

- 4- Tanks
- 5- Electronic control