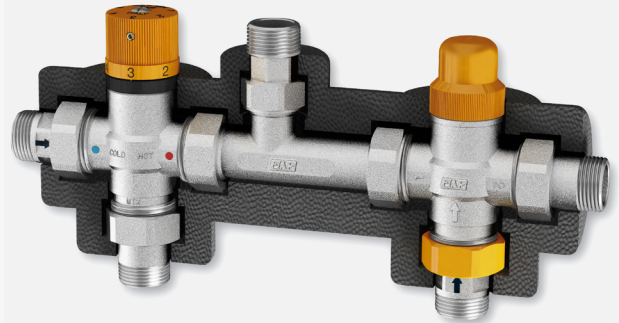


ART.3092



Solar unit for system 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

1 DESCRIPTION

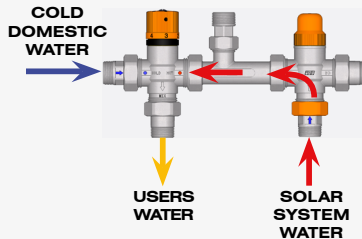
SOLARFAR units art.3092, allow use of a solar thermal system in combination with a modulating boiler. The unit is provided with insulation.

1.1 OPERATION

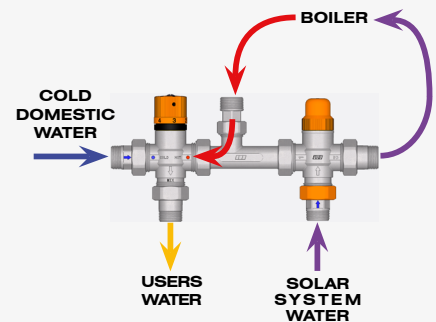
Solar unit with thermal integration

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.

Water temperature produced by solar system > 45°C



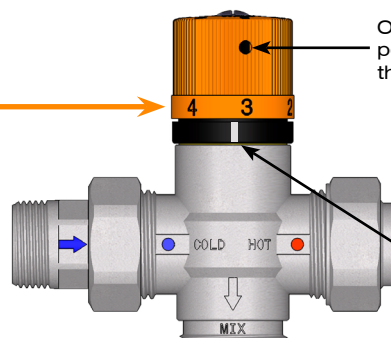
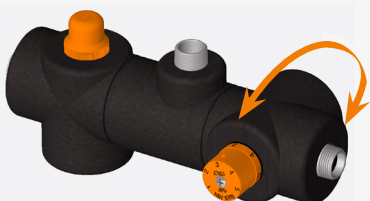
Water temperature produced by solar system < 45°C



2 INSTALLATION

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

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



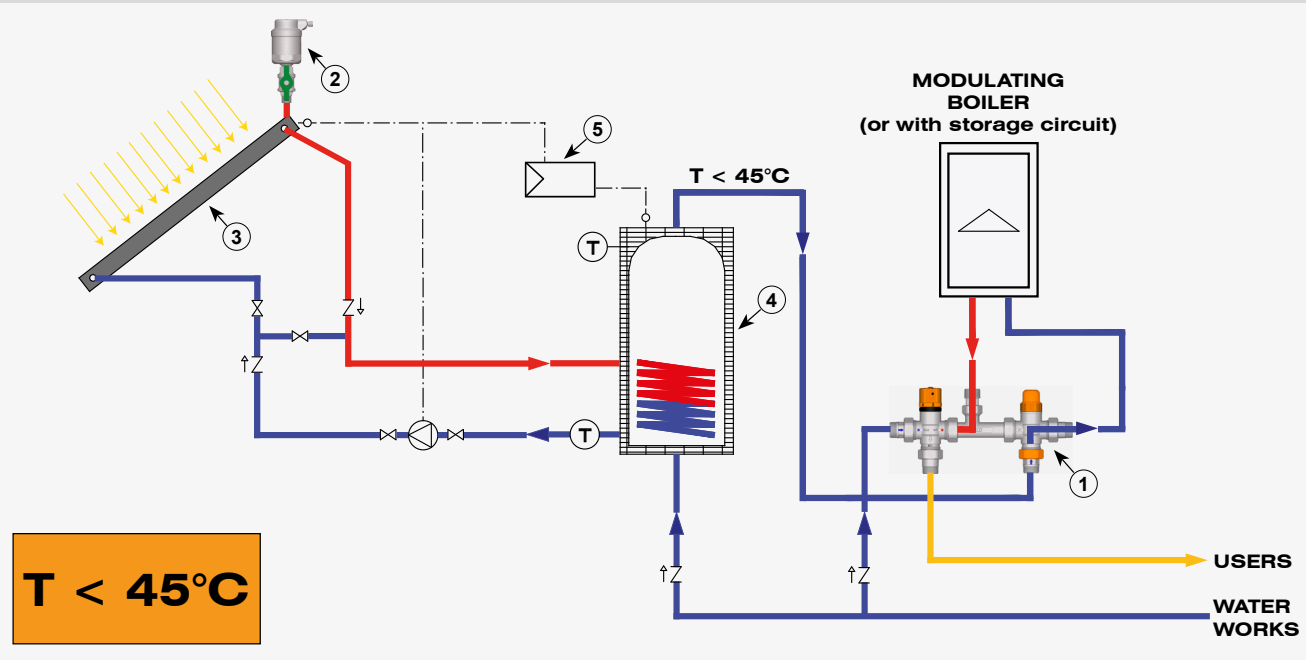
Once the temperature has been set, it is possible to lock the handle by pressing the screw.

REFERENCE NOTCH

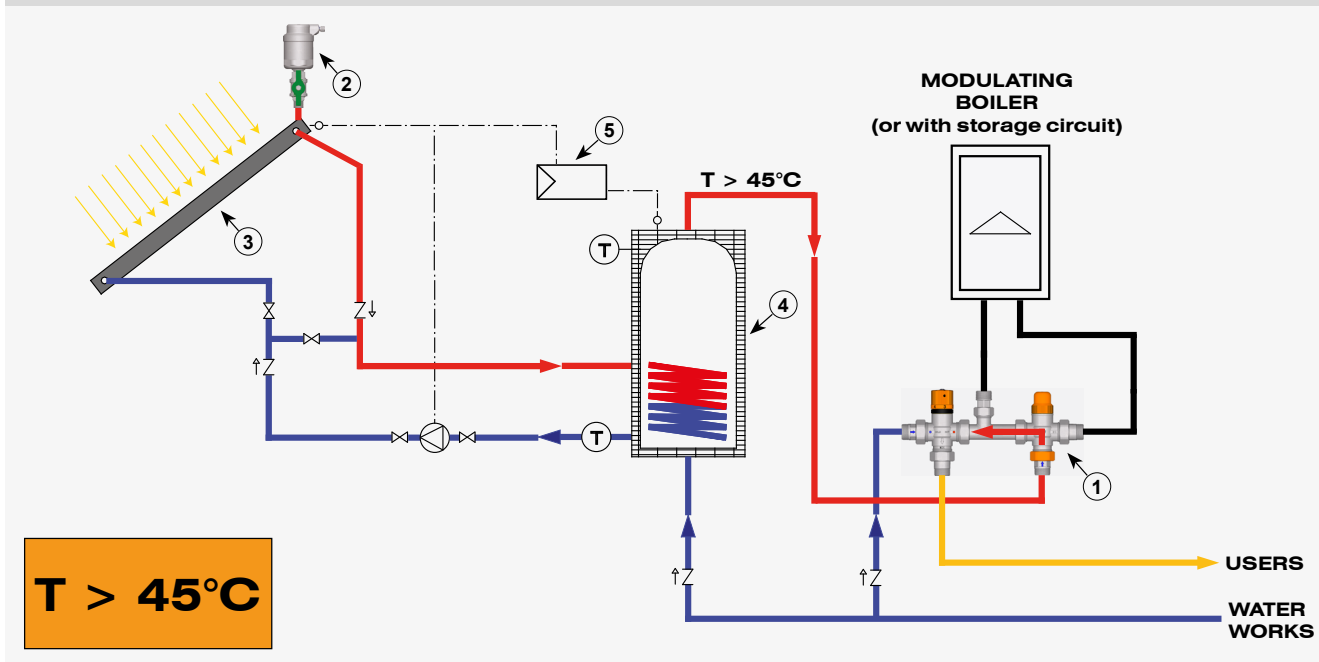
The thermostatic mixer can rotate through 360°, thus facilitating connections, according to the layout of the system.

2.1 INSTALLATION AND OPERATION EXAMPLES

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



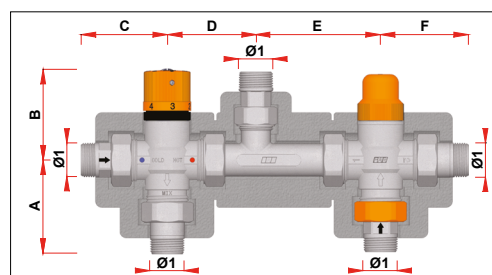
Installation overview of art. 3092 in a solar thermal system with forced circulation and modulating boiler where the water temperature produced by the solar system is greater than 45°C



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

3 DIMENSIONAL FEATURES



CODE	Ø1	A	B	C	D	E	F
3092 34	3/4"	72	71	67	69	97	68