

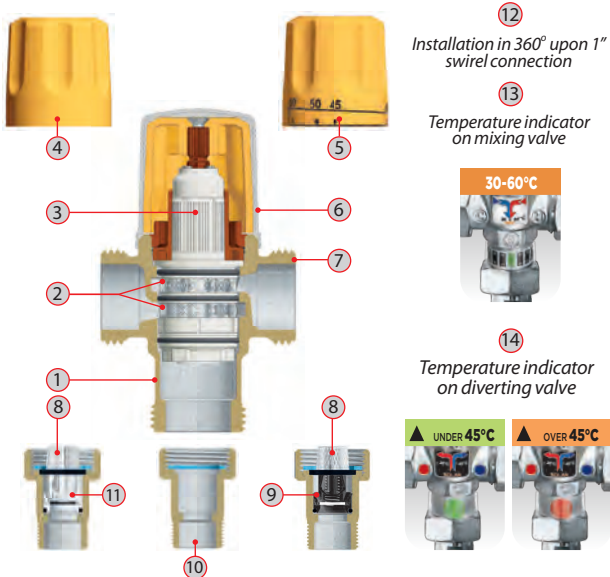


MIXING VALVE & DIVERTING VALVE



CHARACTERISTICS THERMOSTATIC VALVES

- 1 **Certified Dezincification Resistant Alloy (DZR)**
-suitable for drinkable water
- 2 **Stainless steel strainers on inlets**
- 3 **Thermostatic cartridge tested in accordance to EN1111, NF077-DT4**
Resistance to Lime scale
- 4 **Fixed Knob (ABS) on Diverter Valve**
- 5 **Adjusting knob (ABS) with Temperature setting range**
-Setting range 30-60°C
-Fixed flow diverting at 45°C
- 6 **UV protection and setting safety cover (polycarbonate PC)**
- 7 **Connections threads 1"**
- 8 **Stainless steel strainer (AISI 304)**
-Protection against impurities
- 9 **Tail piece with 1" union nut with solar check valve and strainer**
- 10 **1/2 and 3/4 Tail piece with 1" union nut**
-Hot forged brass CW617N
- 11 **Tail piece with 1" union nut with check valve and strainer**

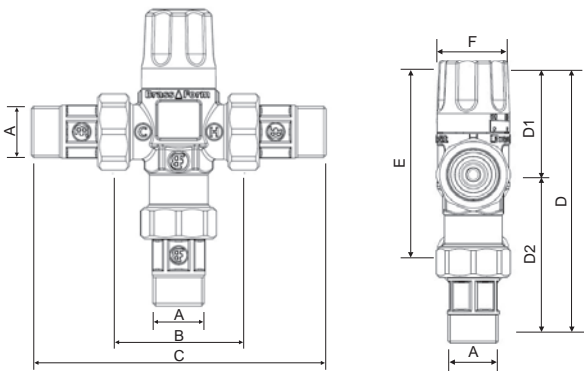
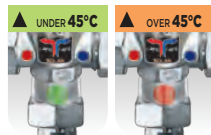


12 Installation in 360° upon 1" swirl connection

13 Temperature indicator on mixing valve



14 Temperature indicator on diverter valve



CODE	A	B	C	C1	C2	C3	D	D1	D2	E	F
4560	1/2	207	290	75	140	70	151	62.5	88.5	109.5	38
6045	3/4	207	292	76	140	70	152	62.5	89.5	109.5	38
4512	1/2	67.5	151	-	-	-	151	62.5	88.5	109.5	38
4534	3/4	67.5	152.5	-	-	-	152	62.5	89.5	109.5	38
6012	1/2	67.5	151	-	-	-	151	62.5	88.5	109.5	38
6034	3/4	67.5	152.5	-	-	-	152	62.5	89.5	109.5	38

INSTALLATION INSTRUCTIONS MIXING VALVE

Place at the hot water inlet the connecting tail with solar check valve (1) ideally for use at high temperatures (Solar) and to the cold water inlet the connection tail with the white non returning valve (2).

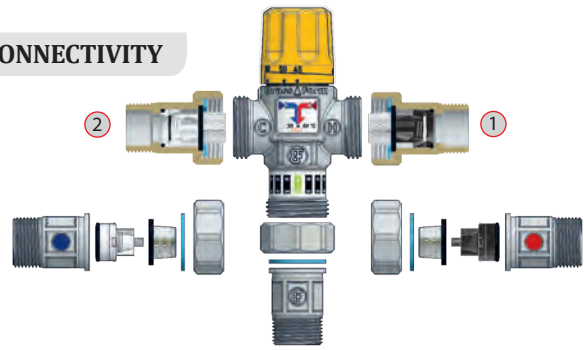
The LCD thermometer has a measuring range of 30-60°C, is of reversible temperature and follows in real-time the water temperature at the outlet of the mixing valve.

The thermometer is not glued, after the product installation, place the thermometers to the desired position for the best visual inspection.

The temperature can be adjusted by turning the thermostatic valve handle either dock wise or counterclockwise. By rotating it clockwise, the temperature in the flow drops while the temperature rises in the opposite direction.

The handle on the mixing valve has a pre-assembled temperature calibration for quick and easy adjustment while the diverting valve is locked and preset at 45°C.

CONNECTIVITY



INSTALLATION INSTRUCTIONS DIVERTING VALVE

Place in the inlet from the solar water heater the high temperature resistant (black colour) to the inlet of the solar water heater (1).

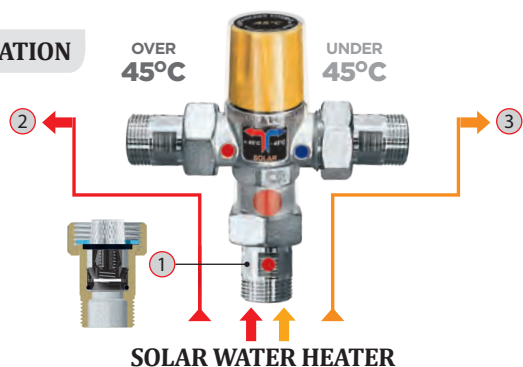
If the water temperature from the solar heater is greater than the 45°C benchmark temperature then the water is diverted for use (2).

On the contrary, if the water temperature is lower than the water is diverted to the second heating source to reheat and then will be available for use.

The LCD temperature changes color according to the water temperature at the inlet of the valve, which allows the matching of the color with a heat source (3).

When the deflection is direct to the use, the sensor has red indicator and when the deflection is to the auxiliary heat source it has the green indication.

OPERATION



SOLAR WATER HEATER