



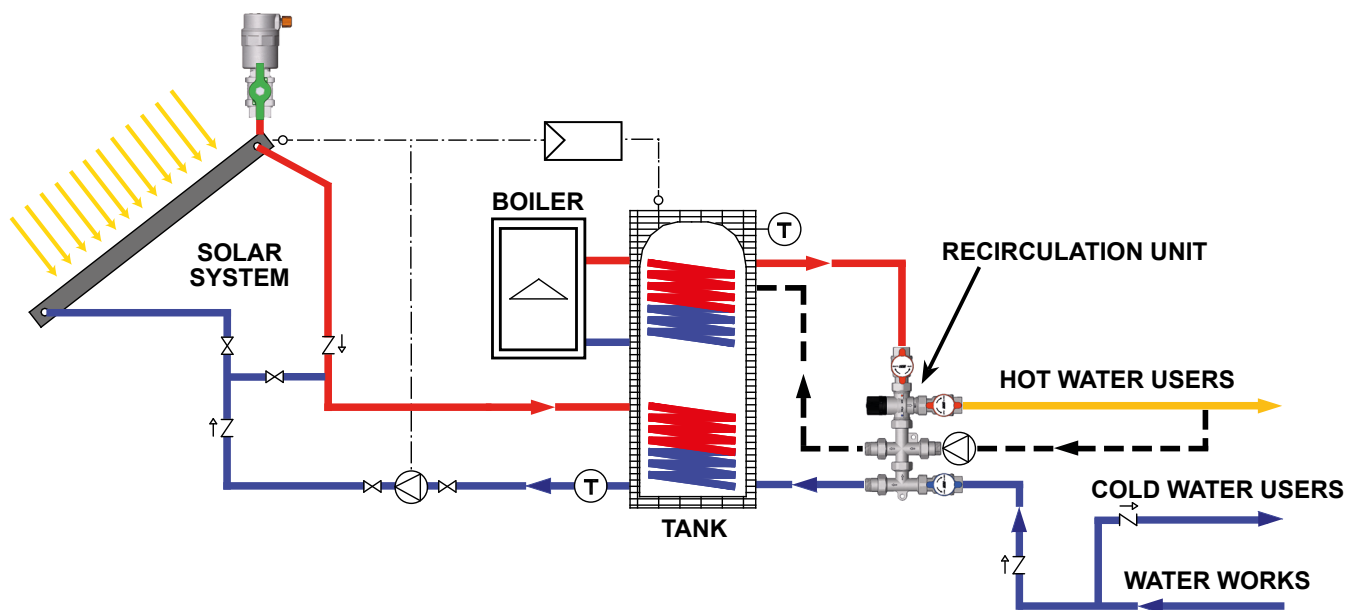
RECIRCULATION UNITS ART. 3967 34 – 3968 37 – 3969 34

Installation instructions

The recirculation unit allows the sanitary system to be supplied with mixed water at the desired temperature, while also allowing recirculation of mixed water in the circulation pipe, ensuring hot water is readily available for users.

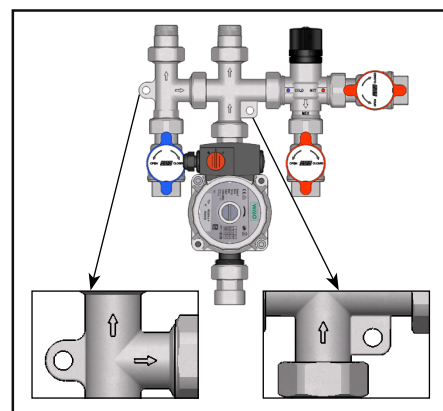
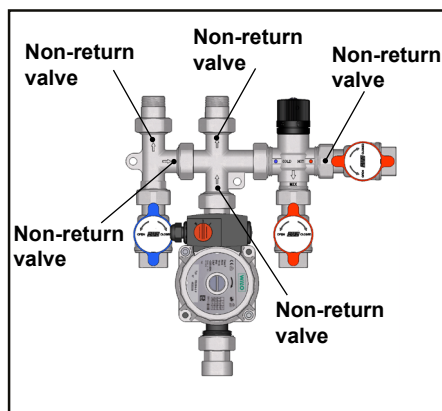
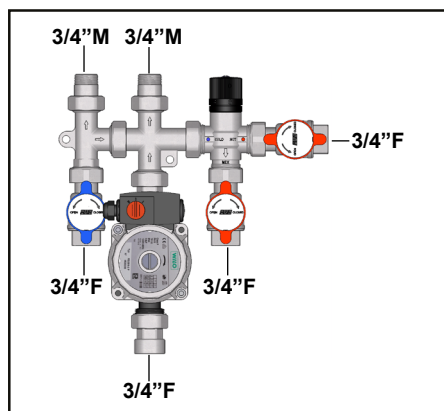
INSTALLATION OVERVIEW

The installation example below shows a diagram of a central heating system, comprising a traditional boiler with hot water tank, integrated with solar heating plant. The recirculation unit, **art.3968 34**, mixes, hot water from the tank with cold water from the mains to achieve the set temperature. Using a recirculation pump, the unit allows hot water that has not been used to be reintroduced to the tank so it is always ready for use.



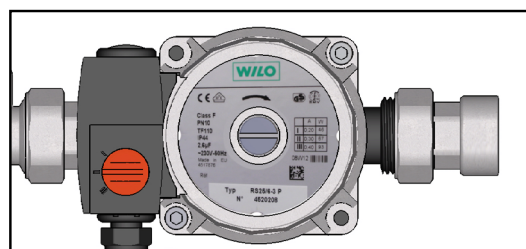
ART.3967 34

Arrows on the unit body indicate the positions of non-return valves. Pre-drilled holes are provided for wall-mounting.



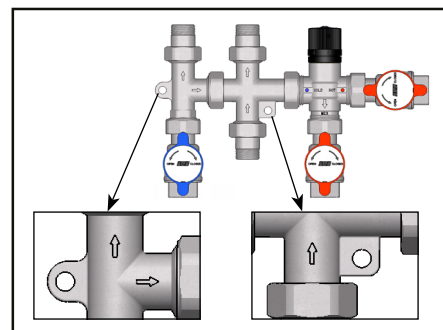
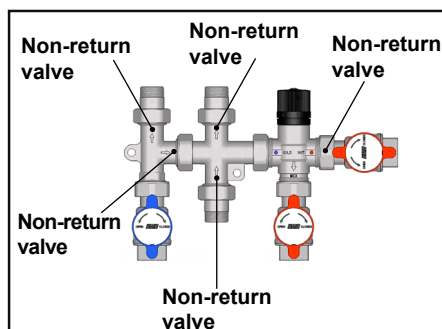
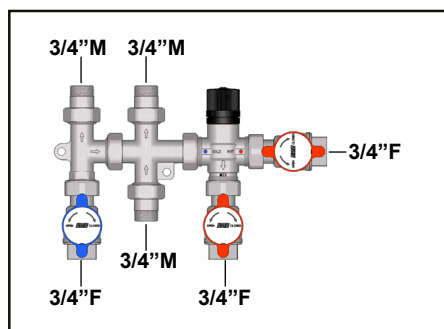
Pump features

Feed voltage: 1~230V \pm 10%
 Frequency: 50Hz
 Absorbed power Pmax: 45W (I), 63W (II), 85W (III)
 Protection level IP: 44
 Switching speed: 3 velocità
 Max. working pressure: 10 bar
 Max. room temperature: +40 °C

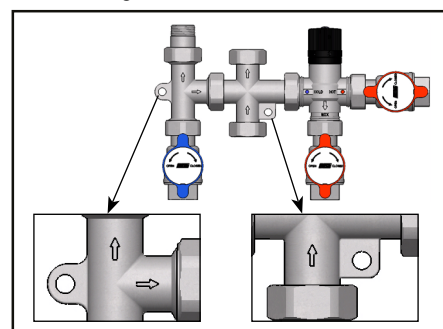
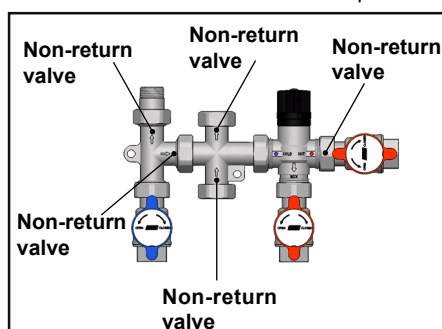
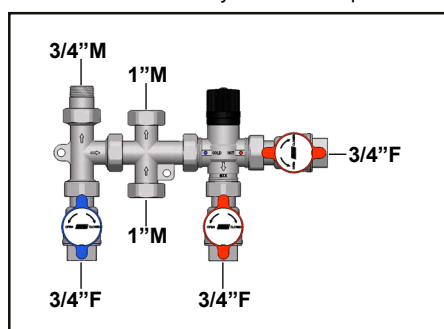


ART.3968 34

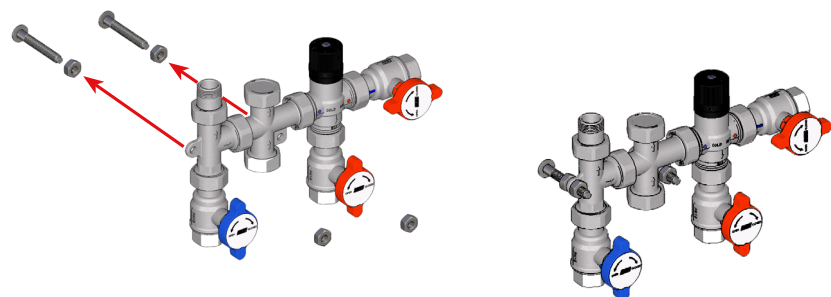
Arrows on the unit body indicate the positions of non-return valves. Pre-drilled holes are provided for wall-mounting.

**ART.3969 34**

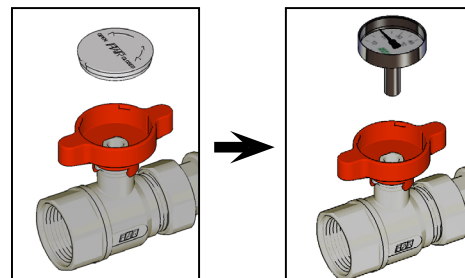
Arrows on the unit body indicate the positions of non-return valves. Pre-drilled holes are provided for wall-mounting.

**WALL INSTALLATION**

The connection unit can be installed on a wall using rawl plugs (not included), using the holes provided on the unit body.

**TEMPERATURE GAUGE INSTALLATION**

To install the temperature gauge, **art.2653**, on the valve, simply remove the white cap from the handle and insert the temperature gauge.

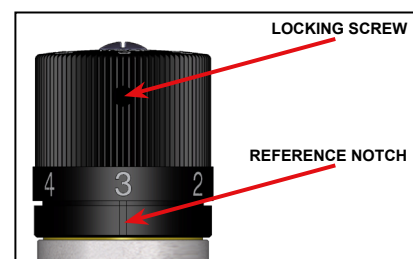
**THERMOSTATIC MIXER**

The graduated regulating handle allows adjustment of the outgoing water. Once the desired temperature is reached, the regulating handle can be fixed using an allen screw placed on the handle it self. The diagram below shows the mixed water temperature with the corresponding numbers indicated on the regulating handle:

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

Connections:

HOT: HOT water inlet
COLD: COLD water inlet
MIX: mixed water outlet

**TECHNICAL FEATURES**

- Max. working pressure: 10bar
- Max. differential pressure: 3bar
- Max. water temperature: 95°C
- Unit body: CB753S
- Mixer body: CW617N
- Compatible media: water