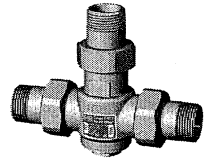




## ANTI-CONDENSATION VALVE ART.3966

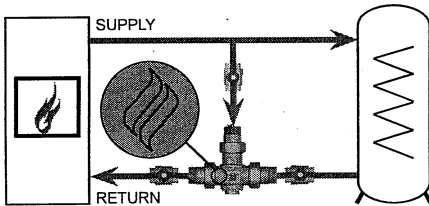


The anti-condensation valve Art. 3966 independently regulates the temperature of the water returning from the hot water tank to the solid fuel heat generator, preventing condensation in the circuit.

If necessary, it can also be installed as a diverter valve to regulate the passage of water between the heat generator and the tank.

### INSTALLATION

#### Use as an anti-condensation valve



**!** When installing the valve make sure that the 'fire' symbol is orientated towards the heat generator.

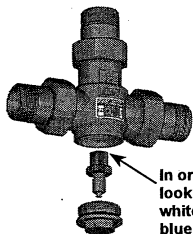
The valve must be installed on the return circuit among three shut-off valves, in order to isolate it during maintenance procedures or setting modification.

**!** The label placed on the valve body refers to the installation of the anti-condensation version, in order to identify the flow directions.

### MAINTENANCE PROCEDURES - SETTING MODIFICATION

Before proceeding to the setting modification or the maintenance, isolate the anti-condensation valve by closing the shut-off valves.

#### Setting modification



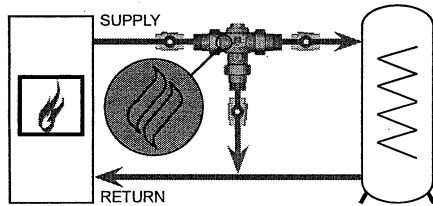
In order to modify the valve setting, it is possible to replace the thermostatic sensor: unscrew the plug, remove the sensor by hand and position the new one.

In order to recognize the sensor setting, look at the sensor upper part color :  
white 45°C - green 55°C - red 60°C - blue 70°C.

### TECHNICAL FEATURES

Max. working temperature: 100°C  
Max. working pressure: 10bar  
Setting temperature: 45°C-55°C-60°C-70°C  
By-pass full closing temperature: setting temperature +10°C  
Compatible fluids: water and water with glycol (max.50%)

#### Use as a diverter valve



**!** When installing the valve make sure that the 'fire' symbol is orientated towards the heat generator.

The valve must be installed on the supply circuit among three shut-off valves, in order to isolate it during maintenance procedures or setting modification.

### Maintenance



In order to carry out maintenance procedures, it is necessary to unscrew the terminal and the nut from the by-pass line and remove the internal locking ring.

Once the spring and the shutter are cleaned, re-position all the components, according to the drawing.



Body: CW617N brass  
O-ring: EPDM  
Spring: Stainless steel  
Shutter: plastic material