

## CHECK VALVE FOR HEATING AIR VENT

### OBJECTIVE

The main objective of this product is to prevent the return of the fluid in the opposite direction to the flow. It allows to replace the air vent of the heating circuit, even when the installation is in operation. Therefore, it will not be necessary to empty the heating circuit.

### APPLICATIONS

The most common application is as a check valve, installed to the air vent of the heating circuit.

### MAXIMUM WORKING TEMPERATURE

Due to the good quality of the materials used to manufacture this valve, the maximum working temperature is 110°C. However, in order to prolong the useful life of the valve, it is recommended that it work normally in a temperature range not exceeding 70°C

### MAXIMUM WORKING PRESSURE

The maximum working pressure of this type of check valve is 10 Bar.

### AVAILABLE SIZES

CODE	THREAD SIZES
5402380000	M.3/8" x 3/8" F.
5402120000	M.1/2" x 1/2" F.

### MATERIALS

COMPONENT	MATERIAL
Body	Brass
Shutter shaft	Polymer
Spring	Stainless Steel
O-rings	EPDM



### ASSEMBLY INSTRUCTIONS

For correct operation, the flow direction marked with an arrow on the valve body must be respected.

It is mandatory to clean installation's pipes prior to the valve connection, guaranteeing inside the absence of strange elements which could damage the cutting off, leak-tightness of the valve.

Check that connections are free of tensions, whether traction, compression, torque, bending or shearing.

Choose the optimal valve size, according to the pipe size of the installation and its flow rate.

Make sure that fluids are free of lime and solid particles.

Assemble the valve to network device or pipe using always suitable sealing elements and fittings for each type of valve. These fittings must carry out with regulations and standards required by the directives and current legislation.

In case the fittings used require welding operations, DO NOT make such operations with the fitting connected to the valve, an excess of temperature could damage its vital parts of the sealing system. Also, be sure to remove all the fitting's parts that are rubber or liable to be damage in the welding process.

Once the installation is finished, it is mandatory to carry out leaking tests required by the current regulations. These tests must always be prior to putting on service of the device or network.