

## RETENTION VALVE "INOX-316"

### OBJECT

The main purpose of this product is to prevent the return of the fluid in the opposite direction to the flow, derived from differences in pressure, load losses or any other nature.

### APPLICATIONS

The most common applications are: plumbing in general, heating, solar energy, natural gas and LPG installations, sanitary, chemical, petrochemical, pharmaceutical, etc ...

This valve can be inserted in an installation already built. The fluids must be free of lime and solid particles.

### MAXIMUM WORKING TEMPERATURE

Due to the quality of the materials used to manufacture this valve, the maximum working temperature is 180°C. However, in order to prolong the service life of the valve, it is recommended that it work normally in a temperature range not higher than 90°C

### MAXIMUM WORKING PRESSURE

The maximum working pressure of this type of check valve is 63 Bar.

### MATERIALS

This valve is manufactured entirely in stainless steel. The seat is made of PTFE.

### AVAILABLE MEASURES

CODE	THREAD	EAN
7642014000	H 1/4" x 1/4" H	8435085523649
7642038000	H 3/8" x 3/8" H	8435085523656
7642012000	H 1/2" x 1/2" H	8435085523663
7642034000	H 3/4" x 3/4" H	8435085523670
7642100000	H 1" x 1" H	8435085523687
7642114000	H 1"1/4 x 1"1/4 H	8435085523694
7642112000	H 1"1/2 x 1"1/2 H	8435085523700
7642200000	H 2" x 2" H	8435085523717



### ASSEMBLY INSTRUCTIONS

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

It is mandatory to make a sweep of the pipes of the installation, prior to the placement of the valve, guaranteeing the absence of bodies or foreign elements that may damage the sealing and sealing system.

Check that the connection is free of tensions, such as traction, compression, torsion, bending or shearing.

Choose the optimal valve size, according to the dimensioning of the pipeline of the installation and its flow.

It is recommended to install a filter and a pressure regulating valve "upstream" of this device to ensure that it always works at a constant pressure, without water hammer or overpressure.

Connect the valve to the network device or to the pipeline, always using the appropriate sealing elements and connection accessories for each type of valve. These accessories must comply with the specifications of the regulations and standards required by the directives and current legislation.

In the case of using accessories that require welding operations, DO NOT carry out these operations with the accessory connected to the valve, since excess temperature could damage the vital parts of the seal. Also, be sure to also remove parts of the fitting that are rubber or susceptible to damage in a welding operation.

Once the installation is completed, it is mandatory to carry out the leak tests required by the current regulations. These tests must always be carried out prior to the commissioning of the device or network.