

GE-652 Auto Filling Valve

● Function

The automatic filling unit is a device consisting of a pressure reducing valve with compensating seat, an inlet filter, a shut-off valve and a check valve.

It is installed on the water inlet piping in saeled heating systems, and its main function is to maintain the pressure of the system, stable at a set value, automatically filling up with water as required.

This product has the characteristic if being pre-adjustable, which means that it can be adjusted at the required pressure value before the system charging phase. After installation, during the filling or topping-off phase, the water feed will stop when the set pressure is reached.

Apre-assembled version is also available, complete with upsteam backflow preventer.

Technology Date

1. Material: Body: H59 Brass
2. Sealing Material: NBR Rubber
3. Maximum Inflow Pressure: 10bar
4. Pressure setting range: 0.3~4bar
5. Factory setting: 1.5Bar
6. Maximum Working Temperature: 110°C

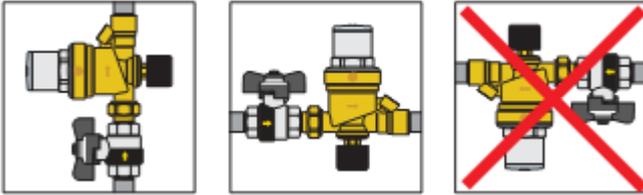
Character

1. Adjust with Scale, Visual Adjustable Design
2. Decompressor
3. Pressure Stabilized Instrument
4. the Function of Non-Return Valve
5. the Function of Hand Stop Valve
6. Large Diaphragm, more Sensitive



● Installation

1. Filling unit can be installed in either horizontal or vertical position. however, it is vital that the unit is not installed upside down.



2. The special method of mechanical pre-adjustment with pressure setting indicator makes it possible to set the unit to the required value in the system before the beginning of the filling phase.
3. The unit is normally set at a pressure more 0.3bar than that obtained by adding the hydrostatic pressure.
4. During filling, the internal mechanism will automatically regulate the pressure until it reaches the required value, without the need to oversee the filling operation itself. This prevents the system being charged to a higher pressure than required.
5. Given the pre-calibrating function, the presence of the downstream pressuregauge is not essential.
6. When the system is filled, the shut-off valve can be closed. In order to restore the automatic topping-off condition, merely re-open the valve. The pressure in the system will gradually return to the set pressure.

