Technical data sheet

TYPE C701

Control valve

Altitude valve float operated

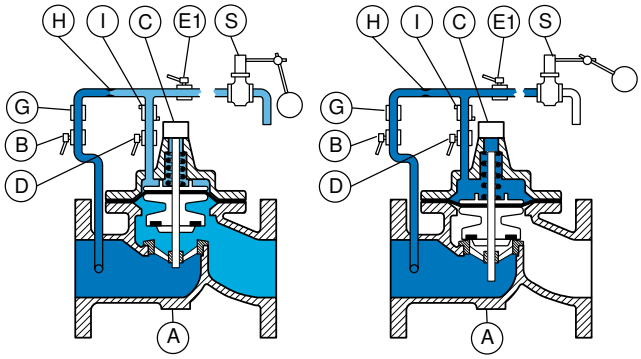
NB : Additional information is available on the data sheet listed as «Main valve».

Applications and general characteristics

- It prevents from overflowing and maintains a constant level in the tank thanks to a float.
- Openings and closings are very progressive, (a few centimeters from the required level).
- *Prefer the installation at the bottom of the tank or close to it .*
- Approvals : ACS - WRAS

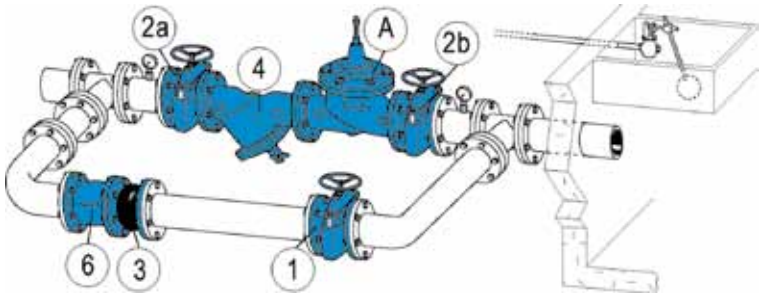
Working principle

The level in the tank is low and the float switch S is fully open. The valve A is wide open and supplies the tank.



The float is in intermediary position, the float switch is half closed. Consequently, the head loss increases the pressure in the upper chamber, the valve A will close. It will be completely closed as soon as no flow runs out from the float switch in high position.

Installation example and spare parts list



N°	Description	Materials
A	Main valve	Cast iron
B	Upstream isolation valve	nickel-plated brass
C	Position indicator with drain	Stainless steel - brass
D	Chamber isolation valve	nickel-plated brass
E1	Isolation valve of pilot C701	nickel-plated brass
G	Filter	Brass
H	Orifice-needle valve	Stainless steel or brass
I	Flow control	Brass
S	Float switch pilot C701	Bronze-stainless steel copper float
1	Isolation valve of the by-pass	
2a	Upstream isolation valve of the main water pipe	
2b	Downstream isolation valve of the main water pipe	
3	Rubber expansion joint	
4	Filter	
6	Check valve of the by-pass	

Setting range :

- Regulation on the first centimeters.
- Working travel : 15 cm

Installation :

- install a strainer upstream
- horizontal setting up : the cap of the valve should be oriented to the top and inclined at 45° maximum.
- vertical setting up : change the spring of the main valve (option 7)

NB :

- Connecting pipe 10/12mm from the pressure tap to the valve not included.

Other types :

- C702