

## Technical data sheet

### TYPE C707 / C707C

#### Control valve

Altitude valve electrically operated

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

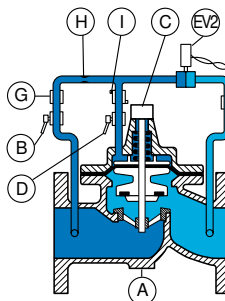
#### Applications and general characteristics



- Altitude valve operated by a solenoid valve connected to level sensor or float. The solenoid valve, N.C., will open at a low water level, and close at a preset high water level. The valve works like an ON/OFF duty.
- As regulating a volume and not a level, this valve should favour the filling during the night. The ON/OFF duty function is a supplementary energy saving when supplied by a pump.
- Equipped with check valves, it closes automatically in case of backflow (C707C)
- Approvals : ACS - WRAS

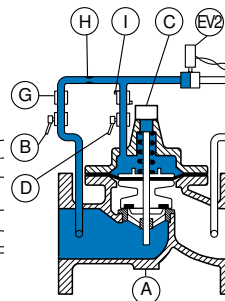
#### Working principle

The low level sensor controls the switch which opens the solenoid valve EV2. It opens, the upper chamber empties, the main valve A opens.

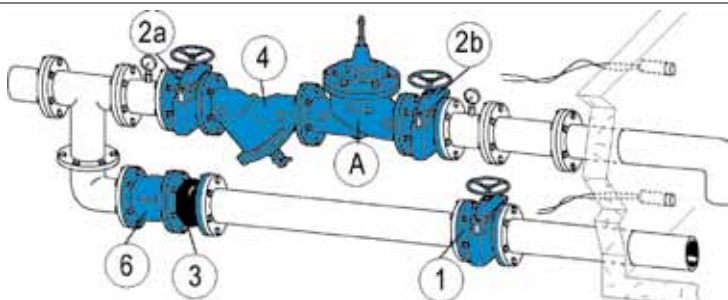


The high level sensor closes the solenoid valve EV2.

The upstream pressure in the upper chamber closes the main valve A.



#### Installation example and spare parts list



#### 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 :

- Detection device of levels not included.

#### Other types :

- C727, C727C.

N°	Description	Materials
A	Main valve	Cast iron
B	Upstream isolation valve	nickel-plated brass
B1	Downstream isolation valve	nickel-plated brass
C	Position indicator with drain	Stainless steel - brass
D	Chamber isolation valve	nickel-plated brass
EV2	2 ways solenoid valve	Brass/Stainless steel
G	Filter	Brass
H	Orifice-needle valve	Stainless steel or brass
I	Flow control	Brass
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	