

Spring motorized zone valves

Art. 702 - 703



100% MADE IN ITALY

Function Le valvole di zona motorizzate Pintossi+C consentono lo spegnimento automatico degli impianti di riscaldamento, condizionamento e sanitari. Sono dotate di un otturatore normalmente chiuso, con microinterruttore ausiliario per l'azionamento di altri dispositivi,

come ad esempio un circolatore. La valvola può essere aperta manualmente spostando la leva in posizione MAN.

Costruite in conformità alle seguenti Direttive Europee: 2014/35/UE (LVD) – 2014/30/UE (EMCD) – 2014/68/UE (PED) – 2011/65/EC (RoHS).

Finitura gialla.

Product	Art. 702	1/2''	2 ways
TTOULUIL		3/4''	2 ways
range		1″	2 ways
	Art. 703	1/2''	3 ways
		3/4''	3 ways
		1″	3 wavs

Technical	Fluids:	Water or glycol solutions
	Max. glycole:	50%
specifications	Max. working temp.:	88°C
	Max room temp.:	50°C
	Max. working pressure:	10 bar
	Max diff. pressure:	1,4 bar (1/2") – 0,7bar (3/4" and 1")
	Voltage:	230 V - 50 Hz
	Power consumption:	6 W
	Opening time:	12 sec
	Closing time:	5 sec
	Protection:	IP 20
	Cable lenght:	60 cm

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Materials Body: Stem:

Spring: Oring: Brass CW617N Brass CW617N Stainless steel EPDM

Dimensions

ART.	MEASURE	Α	В	C
	1/2''	94,5	21	87
702	3/4''	94,5	21	87
	1″	94,5	21	87
	1/2''	94,5	33,5	87
703	3/4''	94,5	33,5	87
	1″	94,5	33,5	87







Installation Zone valves must be installed with the actuator positioned above the pipe line.

In air conditioning circuit valves must be vertically installed. It's anyway suggested to not install the actuator in upsidedown position, due to condensation that may damage the internal electrical components.

When the valve is installed inside a small cabinet it is recommended to leave some space between the actuator and the frame of the cabinet in order to grant air circulation and avoid excessive temperature increases.

During circuit filling operations put the valve in manual option by moving the lever in MAN position. Once the operation is completed filled return on AUTO position.

Flow direction

FLOW DIRECTION		
2 WAYS VALVE	3 WAYS VALVE	
Without energy: closed	Without energy: AB -> B	
With energy: A ->B	With energy: AB -> A	







Fluid characteristcs

Reference standard for water treatments in heating systems is Norm UNI 8065:2019 which regulates the parameters that must be observed to avoid scale and corrosion phenomena.

In order to grant product warranty, the fluid characteristics must comply with the rules in force in the country of relevance or at least present features not less to the ones prescribed by the Norm UNI 8065:2019.

In particular, minimum standards necessary but not sufficient to control are the following:

Fluid aspect:	Limpid
PH:	Between 7 and 8
Iron (FE):	< 0,5 mg/kg (< 0,1 mg/kg for steam)
Copper (CU):	< 0,1 mg/kg (< 0,05 mg/kg for steam)
Antifreeze:	Passiveted Propylene Glycol
Conditioning:	as indicated by the producer

In any case when using antifreeze and conditioning solutions, is required to control and verify the correct compatibility between these substances and the construction materials stated in Pintossi+C technical datasheet.