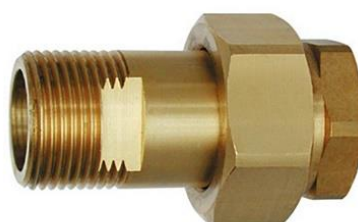


Automatic shut-off cock for expansion vessels for solar applications

Art. 540s



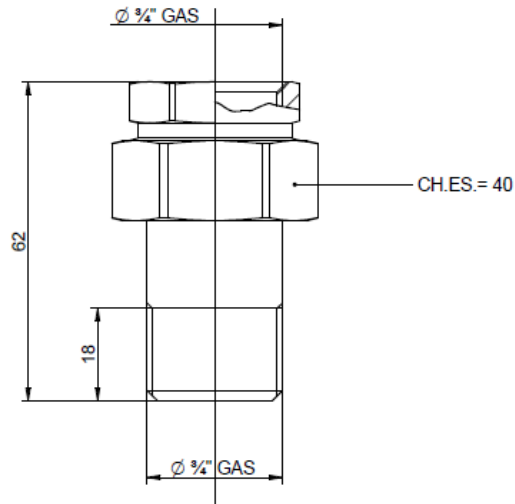
100% MADE IN ITALY 

Function Pintossi+C automatic shut-off cocks for expansion vessels are the optimal solution to carry out operation of maintenance and replacement of expansion vessels, without the necessity to empty the system, specific for solar systems or for applications in which the maximum reachable temperature could be particularly high. These cocks are made of a **double check valve incorporated** in the fitting which allows the closure both on the system side and on the expansion vessel side, avoiding water leaks. Yellow brass finishing.

Technical specifications	Fluids:	Water or glycol solutions
	Max. glycole:	30%
	Max. working temp.:	160°C
	Max. working pressure:	10 bar

Materials	Body:	Brass CW617N
	Fitting:	Brass CW614N
	Nut:	Brass CW614N
	Checks:	Brass CW614N
	Spring:	Stainless steel
	Oring:	EPDM

Dimensions



Fluid characteristics

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 fluids 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: Passivated 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.