

# 5771 FILTERSTOP

inspectable strainer with

shut-off

PATENT PENDING



**altecnic**  
CALEFFI group

# 5771 FILTERSTOP inspectable strainer with shut-off



### Application

The Altecnic 5771 inspectable strainers with shut-off mechanically separates the impurities/debris contained within the system using a mesh strainer.

The device also features a shut-off function to allow the strainer element to be cleaned.

### Materials

Components	Material	Specification
Body	Brass	BS EN 12165 CW617N
Seals	Elastomer	EPDM
Strainer housing	Polymer	POMG25
Strainer	Stainless steel	BS EN 10088-2 (AISI 304)
Ball - chrome plated	Brass	BS EN 12165 CW617N

### Technical Data

#### Usage with domestic water

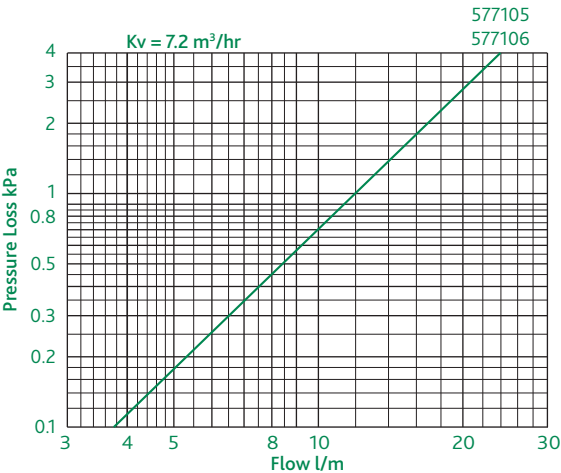
Max. working pressure:	16 bar
Temperature range:	5 to 40°C

#### Usage with technical water

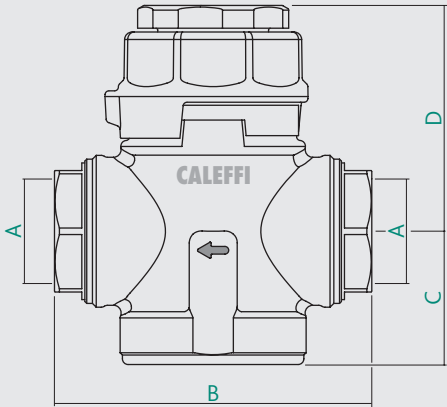
Max. working pressure:	10 bar
Temperature range:	0 to 90°C
Medium:	water, glycol solutions
Max. percentage of glycol	30%
Strainer mesh size:	160µm
Body connections:	BS EN ISO 228-1

Product Ref	Size	Description
577105	¾"	inspectable strainer with shut-off
577106	1"	inspectable strainer with shut-off

### Flow Chart and Kv Value



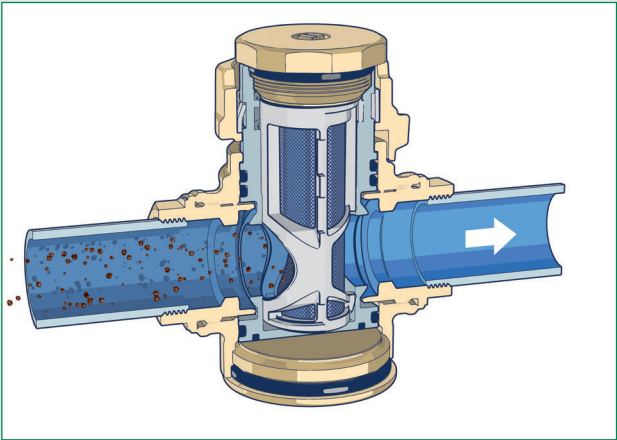
### Dimensions



Prod Ref	A	B	C	D	kg
577105	G¾	84	35.5	59.5	1.035
577106	G1	104	35.5	59.5	1.170

### Operating Principles

Operation of the inspectable strainer is based on the mechanical filtration provided by the steel mesh which captures impurities. The large straining surface helps to maintain a high Kv level in spite of the elevated straining capacity of the 160 µm mesh.



The shut-off valve is designed so that only the water contained in the strainer needs to be drained before cleaning the internal elements. To retrieve the strainer, turn the ball valve clockwise.

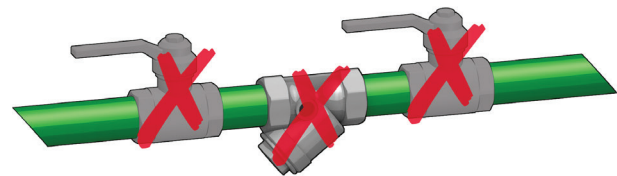
**Warning! Do not force valve closure in the wrong direction.**

# 5771 FILTERSTOP inspectable strainer with shut-off

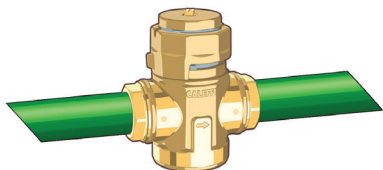
## Construction Details

### Compact Solution

FILTERSTOP incorporates the functions of three devices in one, significantly reducing the amount of space required during the planning and installation phases.



## FILTERSTOP A SINGLE VALVE WHERE YOU USED TO NEED THREE



## High Performance Filter Mesh

The filter mesh captures impurities to a size of 160 µm from the very first passage and ensures ultra-efficient separation.

The large strainer surface allows improved dirt distribution, however it does not hinder the flow and therefore helps to maintain a high Kv level.

Made in stainless steel, it is extremely strong and will not lose its efficiency over time.

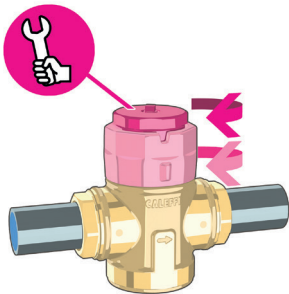


## High Performance Filter Mesh

To remove the strainer, the shut-off must be closed and should remain so; this also applies when re-fitting it inside the device.

The mechanism prevents unwanted water leakage during maintenance

Plus, pressure venting via the relevant screw makes cleaning easier, as it ensures the strainer pressure level is the same as its surrounding environment, thereby reducing the risks to the operator and preventing uncontrolled leaks.



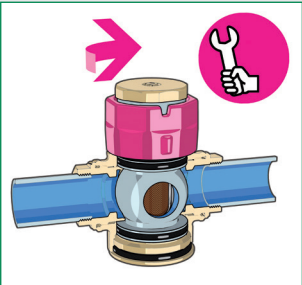
## No Operating Lever

### Strainer Removed from the Front

Installation is flexible, thanks to the shut-off mechanism that uses a spanner and not a lever.

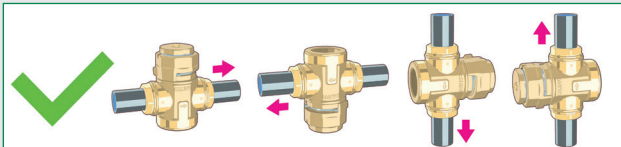
FILTERSTOP, in fact, does not require bulky additions nor extra space to turn a lever: it is the ideal solution for smaller environments.

The strainer is removed from the front, to make maintenance and installation easier.



## Installation

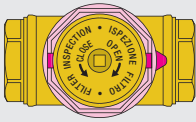
The strainer can be installed in any position, observing the flow direction indicated by the arrows on the valve body.



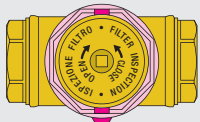
## Maintenance

The strainer can be cleaned in a few simple steps after it has been isolated using the dedicated ball valve. The filter cartridge can be washed with running water.

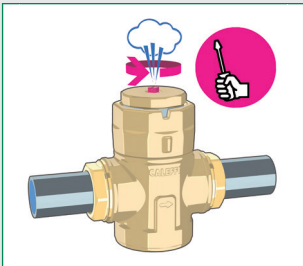
OPEN



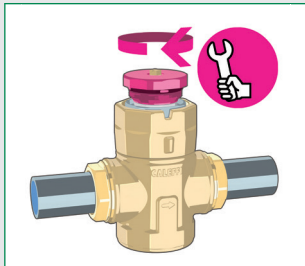
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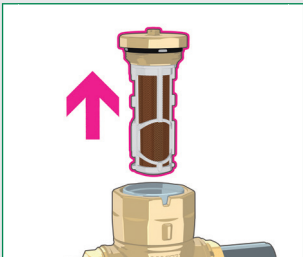
### 1. Discharging the pressure



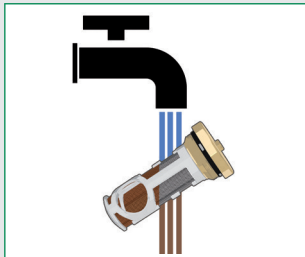
### 2. Removing the cap



### 3. Taking out the strainer

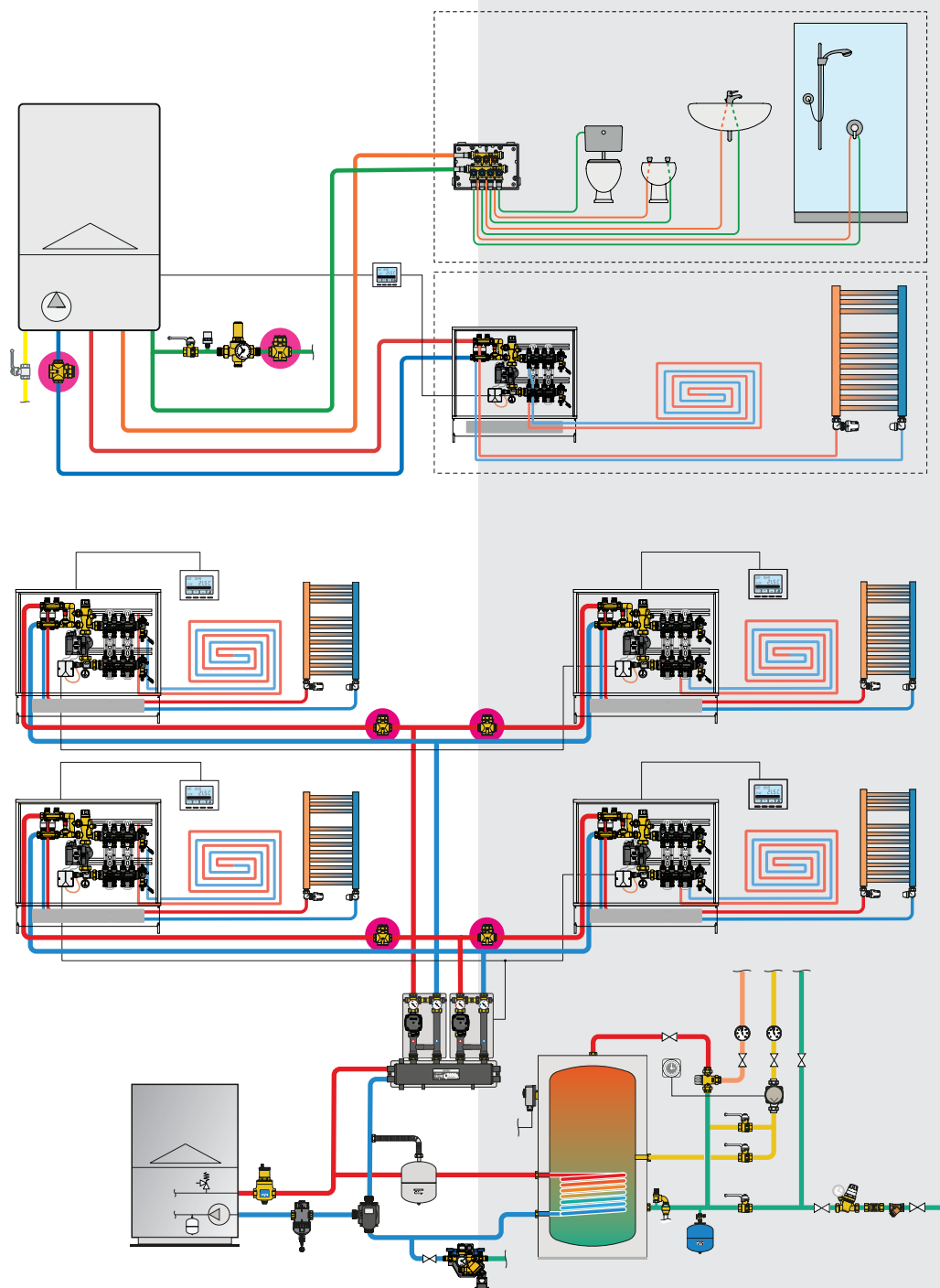


### 4. Cleaning the strainer



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## Application Diagrams



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