



Y TYPE STRAINER WITH DRAIN VALVE

Y Type strainer with thread connection. It includes a drain valve for cleaning, saving time by eliminating the need to remove the cap.

- European Brass, DW (4MS) quality for use in drinking water installation.
- Drain valve with 3/8 female outlet in all sizes.



TECHNICAL SHEET Y TYPE STRAINER WITH DRAIN VALVE

DESCRIPCIÓN PRODUCTO

The Y type strainer with drain valve is suitable for use in heating, drinking water, and domestic hot water installations, ensuring the protection of solid particles. The filter works as a mechanical barrier against impurities.

PRODUCT SCOPE

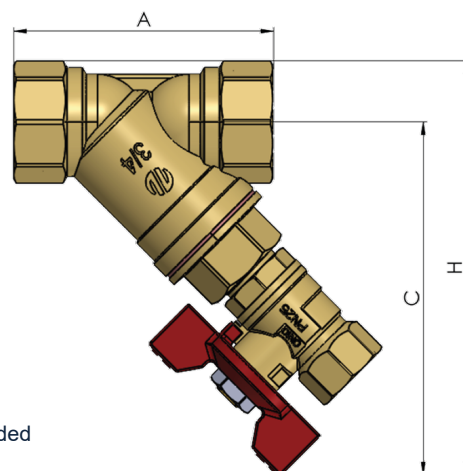
- Drinking water networks.
- Plumbing installations of cold water and sanitary hot water.
- Pumping groups.
- Heating installations.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

Code	Size	A (mm)	C (mm)	H (mm)	PN (BAR)	Temp. (°C)*
018603	1/2 F-F	57	87	100	20	0 to 95
018604	3/4 F-F	68	92	108	20	0 to 95
018605	1 F-F	75	99	118	20	0 to 95
018606	1 1/4 F-F	93	113	139	20	0 to 95
018607	1 1/2 F-F	107	116	144	20	0 to 95
018608	2 F-F	126	131	167	20	0 to 95

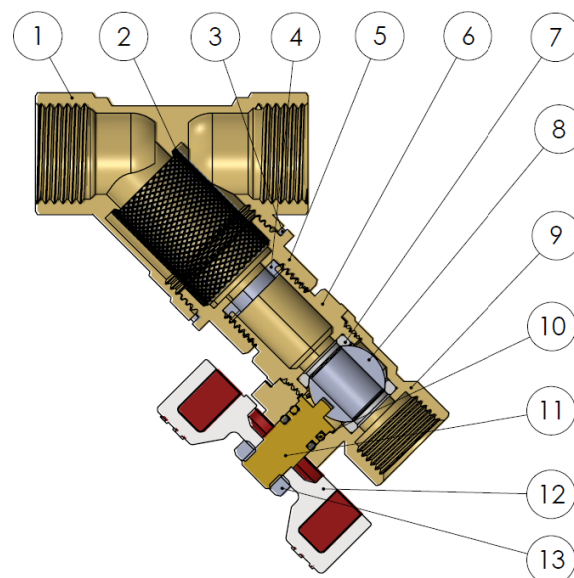
In all sizes, the drain valve outlet is 3/8F

*Freezing is excluded



MATERIALES

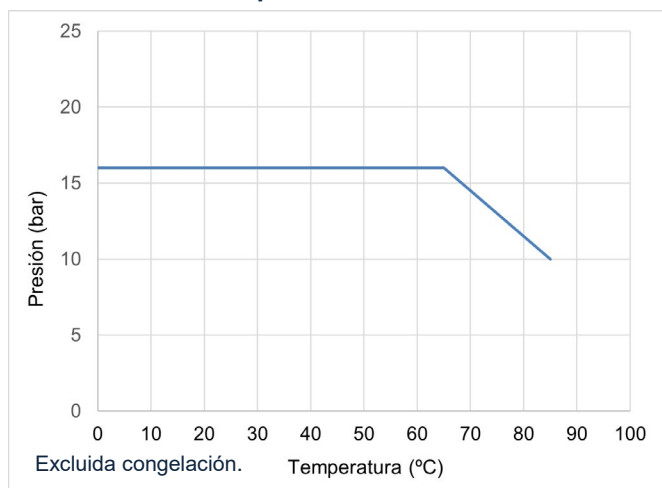
Item	Component	Material	Finishing
1	Body	Brass CW617N	Brass colour
2	Filter	Stainless steel	Stainless steel
3	Flat joint	Fiber	-
4	Flat joint	NBR	-
5	Service cap	Brass CW617N	Brass colour
6	Valve lateral	Brass CW617N	Brass colour
7	Seat	PTFE	-
8	Ball	Brass CW617N	Chrome plated
9	Valve body	Brass CW617N	Brass colour
10	O-ring	NBR	-
11	Stem	Brass CW617N	Brass colour
12	Handle	ZAMAK	Red Epoxy
13	Nut	Stainless steel	Stainless steel



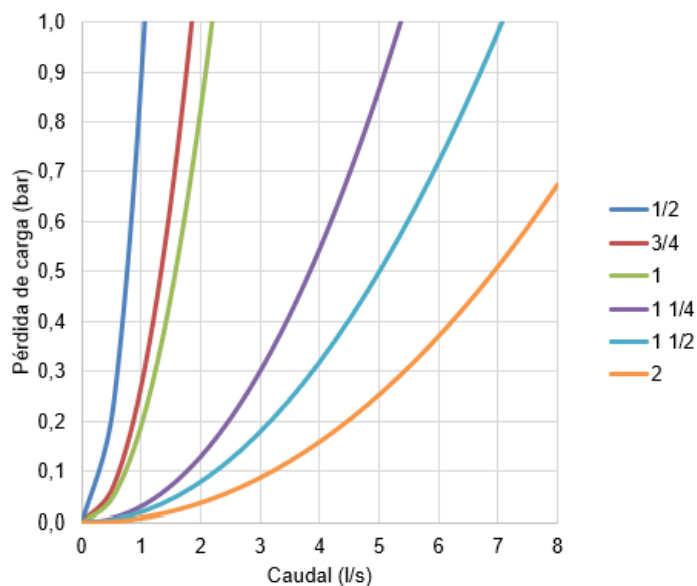


TECHNICAL DATA

Pressure vs. temperature



Hydraulic features. Flow vs. loss of pressure.



Compatibility with fluids

Fluid	Compatibility
Drinking water and domestic hot water	Excellent
Water + 50% Glycol (maximum)	Good

Size	1/2	3/4	1	1 1/4	1 1/2	2
Kv	3,8	6,6	7,9	19,3	25,5	34,8

Kv (m³/h), cubic meters per hour that flow through the valve generating a loss of 1 bar pressure.

For any other fluid, please contact Arco technical service.

Filter specifications

Nominal diameter.	1/2 a 2
Filtration capacity	700 µm
Equivalent hydraulic diameter	0,75 mm
% open area	60%



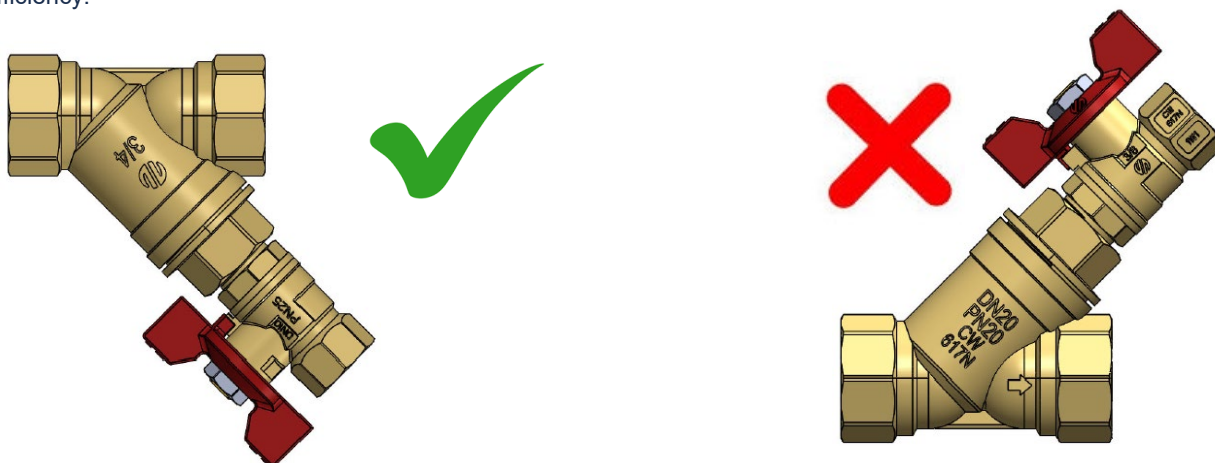
INSTALLATION INSTRUCTIONS

Before performing any action, the water supply to the installation should be shut off. Make sure there is no dirt or foreign objects in the connection to the network. Apply the appropriate sealing material to the inlet thread of Y type strainer. The strainer should be installed with a suitable tool, preferably with wrench to hold the body. The tool should act on the flat surfaces of the strainer body to avoid deforming this area due to excessive pressure from the tool.

Do not alter the assembly of the strainer components.

During installation, hold the filter by the connection end, never by the central part to avoid deformation.

It should be installed in a horizontal position, in the direction of flow indicated by the arrow on the body, ensuring that the drain valve is oriented downward and that there is enough space for maneuvering. This arrangement optimizes filtration efficiency and facilitates cleaning and maintenance operations through the valve. Vertical installation is not recommended because it significantly reduces filtration efficiency.



Restore the water supply and check the tightness of all connections before putting the filter into service.

The assembly of the filter components must not be altered.

MAINTENANCE INSTRUCTIONS

Maintenance of the filter must be carried out at appropriate intervals, depending on the level of impurities present in the water. This maintenance consists of cleaning the filter mesh.

To perform this operation, proceed as follows:

1. Shut off the water supply to the filter by closing the valves located upstream and downstream of it.
2. Open the valve to drain and clean the impurities from inside the filter.
3. For a more deeper cleaning, unscrew the service cap and remove both the cap and the filter mesh together.
4. Clean the metal mesh with water and remove the adhered particles.
5. Reassemble the unit, screwing the service cap back in place and ensuring that the gasket is in good condition; if not, replace it.
6. Close the drain valve.
7. Restore the water supply and check the proper tightness of the filter and its connections.



All products have an environmental impact during its life cycle, even once retired. All the components of this product can be recycled. Once the use is over, leave the valve in any recycling green point. Válvulas Arco reserves the right to change the product or any of its technical specifications without prior notice.

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