



Y TYPE NPT STRAINER

Y Type strainer where the connection is made by threaded ends.

- European Brass, DW (4MS) quality for use in drinking water installation.



TECHNICAL SHEET Y TYPE STRAINER

PRODUCT DESCRIPTION

The Y type strainer with drain valve is suitable for use in drinking water installations where protection against particles of a certain size is required.

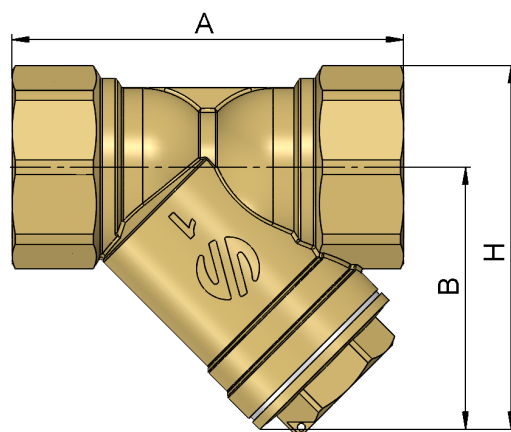
PRODUCT SCOPE

- 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)	B (mm)	H (mm)	PN (BAR)	Temp. (°C)*
01830NPT	1/2" F-F	57	39	50	20	0 to 95
01831NPT	3/4" F-F	68	43	56	20	0 to 95
01832NPT	1" F-F	75	52	70	20	0 to 95
01833NPT	1 1/4" F-F	93	69	92	20	0 to 95
01834NPT	1 1/2" F-F	107	75	103	20	0 to 95
01835NPT	2" F-F	126	92	112	20	0 to 95

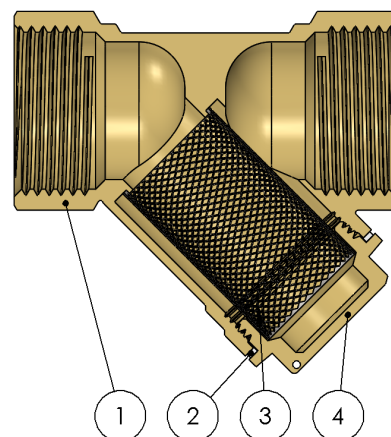
* Freezing is excluded.



MATERIALS

Item	Component	Material	Finishing
1	Body	Brass CW617N	Brass color
2	Flat joint	Fiber	-
3	Filter	Stainless steel	Stainless steel
4	Service cap	Brass CW617N	Brass color

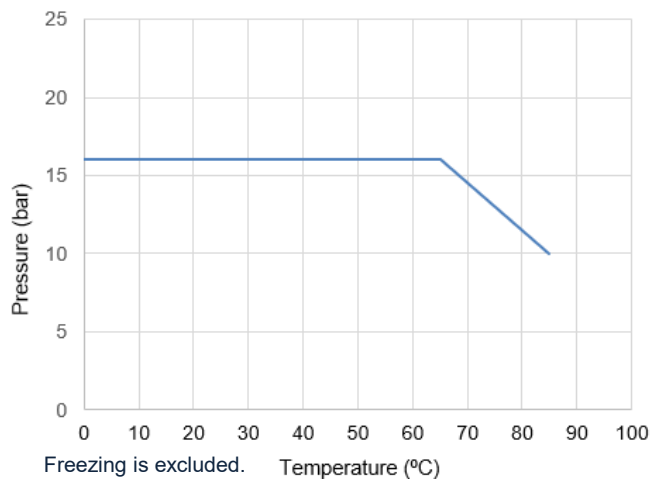
Threading according to ASME B1.20.1



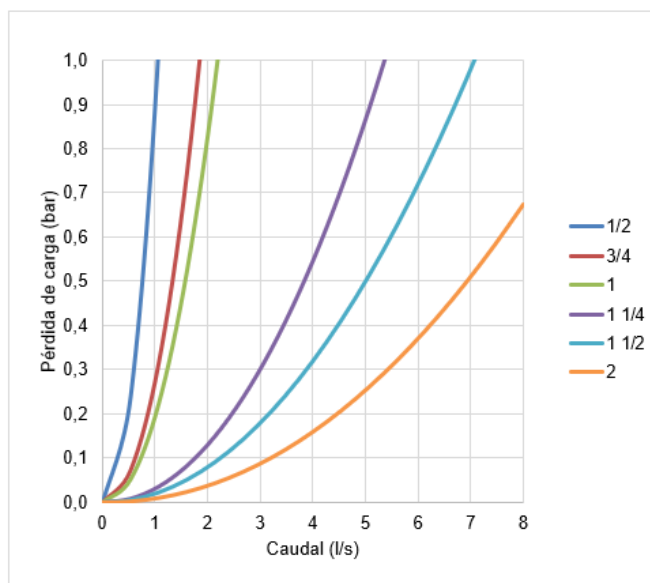


TECHNICAL DATA

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

For any other fluid, please contact Arco technical service.

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.

Filter specifications

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



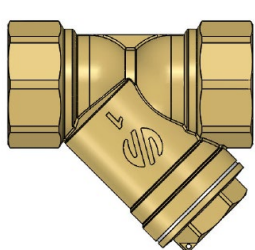
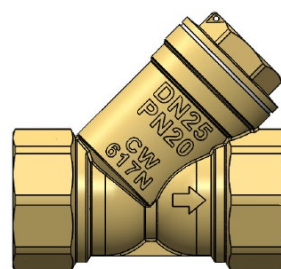
INSTALLATION INSTRUCTIONS

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 must be installed in a horizontal position, in the direction of flow indicated by the arrow on the body, ensuring that the service plug is oriented downward and that there is enough space for unscrewing and removing the filter. This arrangement optimizes filtration efficiency and facilitates cleaning and maintenance operations through the service plug itself. 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. Interrupt the water supply to the filter by closing the valves located upstream and downstream of it.
2. Unscrew the service cap..
3. Clean the metal mesh and remove the adhered particles.
4. Reassemble the unit, screwing the service cap back in place and ensuring that the gasket is in good condition; if not, replace it.
5. 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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