



**NEW**

## **DIDO SELF CLEANING FILTER**

These filters are normally used for finishing on civil drinking water networks for domestic use. The purpose is to eliminate foreign bodies in the water such as gravel, flakes of metal, mucilage, rust, etc.

The elimination of suspended solids and particles in general is fundamental in the treatment of domestic water. In fact, water systems can be subject to problems where there are impurities present, such as the clogging of jet regulators on taps and damage that in the long run can be extremely critical and expensive.

Filtration is all the more essential the more sophisticated the equipment installed is (condensing boilers, osmosis, water dispensers).

These devices can be defined as “protection filters” and are therefore designed for this purpose, so they are not suitable for filtering water containing large quantities of silt, sand or other materials. In these cases, filtration systems must be set upstream.



### **OUR STRENGTHS**

- **TESTED ONE BY ONE** for a long lasting life
- Polyamide glassfiber reinforced head and fittings
- Easy to unscrew bowl by opening two jaws
- Use of innovative materials
- Stainless steel cartridge AISI 304 - 50/89/200/500 my
- Backwash through a bottom knob
- Inside rotator turboclean to ensure a perfect cartridge cleaning

### **TECHNICAL FEATURES**

- Available with and without pressure reducer (from 1 to 6.5 bar)
- Fittings that can rotate through 360° without any disassembly
- Transparent bowl in Trogamid
- Discharge knob
- PN 16



The water entering the filter follows an obligatory path that leads it to cross the mesh on the filtering element, consisting of a stainless steel AISI 304 net, flowing from the outside toward the inside.

In this way, the particles with dimensions greater than the filtration degree of the mesh will stop, will accumulate on the bottom of the filter or they will remain blocked on the external surface of the filtering element.

All the particles previously stopped will then be eliminated by opening the filter discharge using the knob on the bottom. This operation activates the rotation of the impeller "TurboClean" inside, in order to clean the surface of the cartridge from inside to the outside.

To ensure effective operation, the filter cartridge must be cleaned periodically and replaced at least once a year.

## TECHNICAL DATA

Model	Flow rate m <sup>3</sup> /h (0,2 bar)	Flow rate m <sup>3</sup> /h (0,5 bar)	PN bar	Pressure range	Fitting size	DN	Max H <sub>2</sub> O Temp °C	Max Env. Temp °C	Weight Kg	Front view	Side view	A mm	B mm	C mm	D mm	E mm
WITHOUT PRESSURE REDUCER																
DIDO89-3/4"	5.0	7.6	16		3/4"	20	40	40	1,5			354	292	110	172	165
DIDO89-1"	5.1	7.8	16		1"	25	40	40	1,5			354	292	110	183	165
DIDO89-1-1/4"	5.2	8.0	16		1-1/4"	32	40	40	1,6			354	292	110	188	165
DIDO89-1-1/2"	5.8	9.7	16		1-1/2"	40	40	40	2,1			354	292	110	254	175
DIDO89-2"	6.1	10.1	16		2"	50	40	40	2,5			354	292	110	262	175
WITH PRESSURE REDUCER																
DIDO89-R-3/4"		2.3	16	1-6	3/4"	20	40	40	2			354	292	110	172	165
DIDO89-R-1"		3.6	16	1-6	1"	25	40	40	2			354	292	110	183	165
DIDO89-R-1-1/4"		3.6	16	1-6	1-1/4"	32	40	40	2,1			354	292	110	188	165