

BWT INFINITY FILTER

SCREEN FILTER



→ **Flow rate:** 5 to 100 m³/h

PRODUCT PLUSSES

- Maintenance **without changing the screen**
- Continuous **supply of filtered water**, even when washing
- Fitted with a **directional connection head**

OPERATION

The BWT INFINITY filter is a backwash cleaning impurity filter that can be triggered manually or automatically depending on the model. This filter is composed of a 90 micron filter screen that traps particles such as sand, iron oxide, filings, etc. By eliminating the particles it prevents certain types of corrosion.

APPLICATIONS

Ideal for community applications to protect your networks and appliances (taps, softeners, mist devices, industrial processes, etc.)

STANDARD EQUIPMENT

- Permanent screen filter
- 90 Micron filtering element
- Threaded gasket or flange coupling
- Offset, directional connector head close to the wall
- Built-in backwashing filter cleaning system:
 - manual mode: backwashing by simply turning the wheel
 - automatic mode: programmed cleaning frequency (from 1 h to 56 days)
- Control pressure gauges at the filter input and output (2" 1/2 to 5" models) to monitor clogging
- Possibility of programming washing cycles using the automatic version

TECHNICAL SPECIFICATIONS

TYPE		INFINITY 3/4"	INFINITY 1"	INFINITY 1"1/4	INFINITY 1"1/2	INFINITY 2"
TECHNICAL SPECIFICATIONS						
Coupling diameter	DN / inch	DN 20/3/4"	DN 25/1"	DN 32/ 1"1/4	DN 40/ 1"1/2	DN 50/ 2"
Rated flow at $\Delta P = 0.2$ bar	m ³ /h	3.5	4.5	5	9	11
Threshold / filter density	μm	90	90	90	90	90
Max. static pressure	bars	10	10	10	10	10
Min/max water temperature	°C	0 / 30	0 / 30	0 / 30	0 / 30	0 / 30
Manual version product code		-	-	P0010072	P0010073	P0010074
Automatic version product code		P0010075	P0010076	P0010077	P0010078	P0010079
SIZE SPECIFICATIONS						
Width	mm	210	210	218	240	260
Height	mm	550	550	550	550	550

TYPE		INFINITY 2"1/2	INFINITY 3"	INFINITY 4"	INFINITY 5"
TECHNICAL SPECIFICATIONS					
Coupling diameter	DN / inch	DN 65 / 2"1/2	DN 80 / 3"	DN 100 / 4"	DN 125 / 5"
Rated flow at $\Delta P = 0.2$ bar	m ³ /h	22	36	85	100
Threshold / filter density	μm	90	90	90	90
Max. static pressure	bars	10	10	10	10
Min/max water temperature	°C	0 / 30	0 / 30	0 / 30	0 / 30
Manual version product code		PK0033932A	PK0033933A	PK0033934A	PK0033935A
Automatic version product code		PK0033936A	PK0033937A	PK0033938A	PK0033939A
SIZE SPECIFICATIONS					
Width	mm	220	220	350	350
Height	mm	550	550	690	700

ACCESSORIES AND CONSUMABLES

NAME	Product code
Differential pressure gauge	P0097913
Stainless steel 200 μm screen	P0039072
Stainless steel 500 μm screen	P0003511

INSTALLATION RECOMMENDATIONS

