

ScreenGuard filters

Netafim



The Netafim ScreenGuard, the successor to the small sized RevaClean filter, is a redesigned range of PP plastic Y-type filters that combines the advantages of screen filters with the affordability of a plastic filter. The ScreenGuard filter line is available in ¾", 1", and 1½" and 2" sizes.

Thanks to its well-thought-out design, the filters are easy to open and simple to clean. With ScreenGuard, the filter screen is supplied as a complete standard assembly. The filter screens can be easily identified using the newly introduced color-coding system.



Please note: The larger sizes 2", 2" S and 3" (T-model) are available in the RevaClean series.

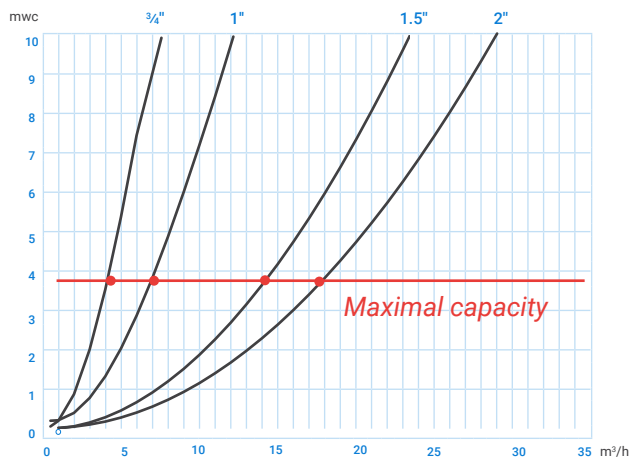
APPLICATION

Main filter for smaller installations, as a valve manifold filter or as a secondary filter downstream of a sand filter.

CHARACTERISTICS

- ✓ Filter screen supplied with the filter as one complete set
- ✓ Low-cost based filter line
- ✓ Larger screen area for increased dirt-holding capacity and reduced pressure loss
- ✓ Easy to open and simple to clean
- ✓ The filter element is of high-quality stainless steel
- ✓ Equipped with a threaded connection (including rotating cap) for connection of a flush valve
- ✓ Pressure gauge connections available on 1½" and 2" models

Pressure loss



*Pressure losses (with clean water and a 130-micron screen)

TECHNICAL DATA

Diameter	: ¾" / 1" / 1½" / 2" BSPT
Screen area	: 165 to 515 cm² (check table)
Filtration level*	: 100 micron (black) : 130 micron (red) : 200 micron (yellow)
Maximum pressure	: 8 bar (20 °C)
Maximum capacity**	: 3.5 to 16 m³/h (check table)
Maximum temperature	: 60°C (with decreasing max. pressure)
Material	: PP (housing) : NBR (o-ring housing) : St. St. 316 (filter screen 1" / 1½" / 2") : St. St. 304 (filter screen ¾")

* note: color coding and material differs from RevaClean

** depending on filtration degree and contamination load

Specifications

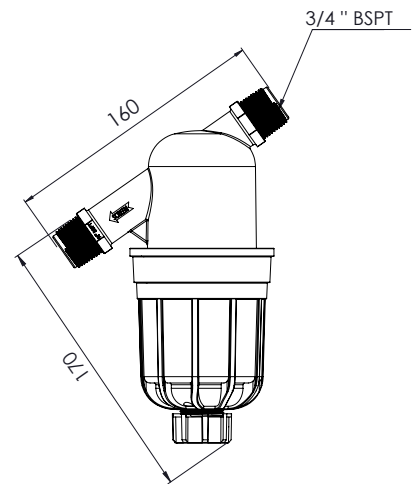
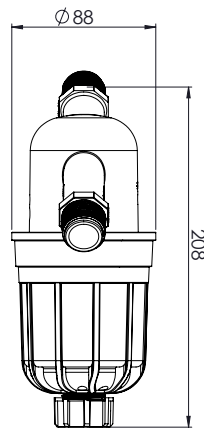
Diameter	Maximal capacity	Screen surface	Screen dimensions L x D	Connection flushing valve	Connection pressure-gauge
	m³/hour	cm²	mm	½"	¼"
¾"	3.5	165	149 x 47	yes	no
1"	6	300	180 x 77	yes	no
1½"	12.5	515	225 x 96	yes	yes
2"	16	515	225 x 96	yes	yes

INSTALLATION & MAINTENANCE

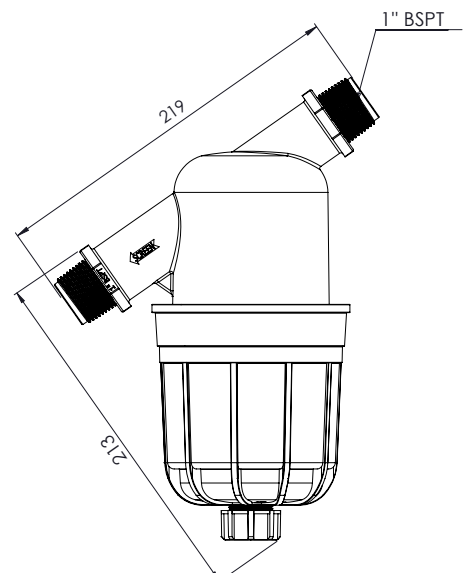
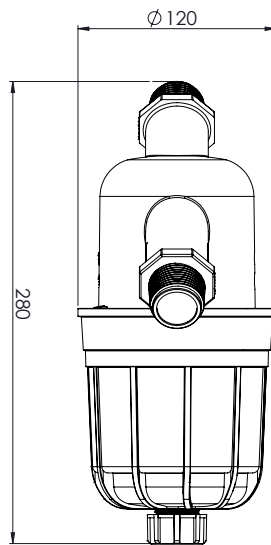
- ✓ Do not open the filter while pressurised.
- ✓ Install the filter in the recommended flow direction to avoid damage to the filter element.
- ✓ Installation by using threaded couplings (BSPT).
- ✓ Mounting the filter at an angle is possible.
- ✓ The filter is equipped with two ¼" male BSP connections for pressure gauges.
- ✓ The filter includes one ½" male BSP connection for a flush valve.
- ✓ Please note: the RevaClean and ScreenGuard filters have different installation dimensions.

TECHNICAL DRAWINGS

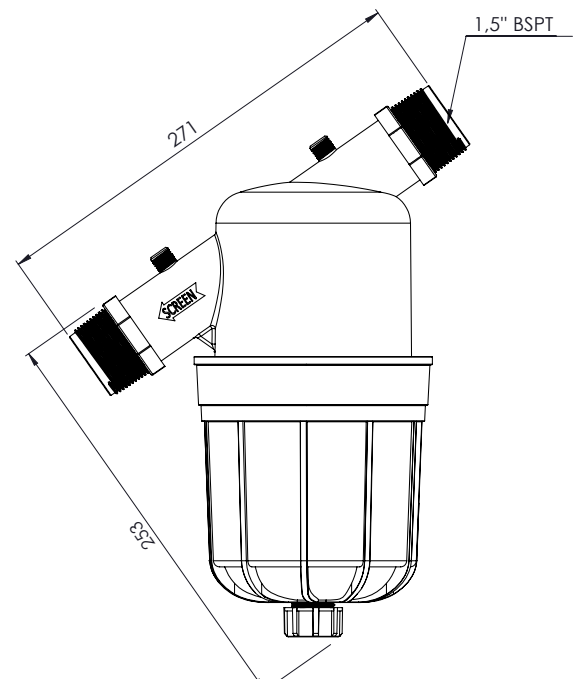
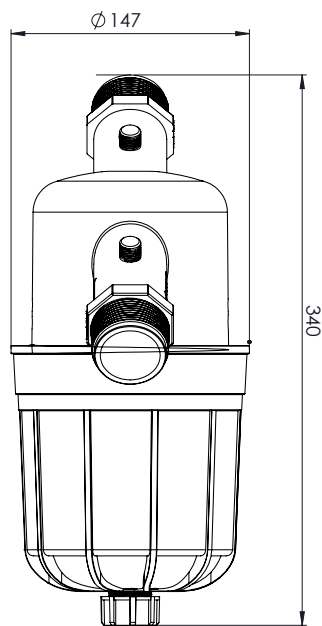
3/4"



1"



1 1/2"



TECHNICAL DRAWINGS

2"

