

Semiautomatic Filters SC

ENVIROGEN SC semiautomatic screen filter is based on low maintenance and optimum safety in filtration, and on its wide filtering surface.

Its ergonomic design allow an easy and quick cleaning, without disassembling the filter or stopping the installation.



ADVANTAGES

- **Maximum filtering surface.**
- **100% effective and easy cleaning.**
The screen is cleaned with a single turn of the handle
- **The filter is cleaned without disassembling it.**
- **Non-stop working.** It is not necessary to stop the supply of water
- **Low maintenance.** Without tooling
- **Modularity, versatily, compatibility.**
The system permits a wide range of possibilities with a minimal number of components.
- **Manufactured in technical plastic.**
- **Water and Energy saving.**
- **Guarantee of quality of ENVIROGEN Filtri**
- **Available retention: 100μ, 130μ, 200μ**

TECHNOLOGY

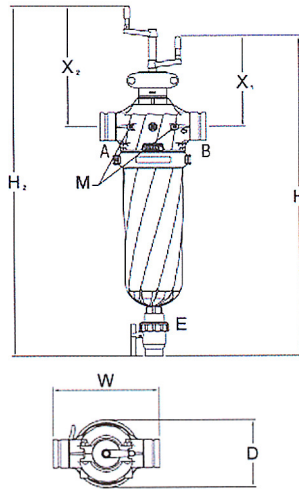
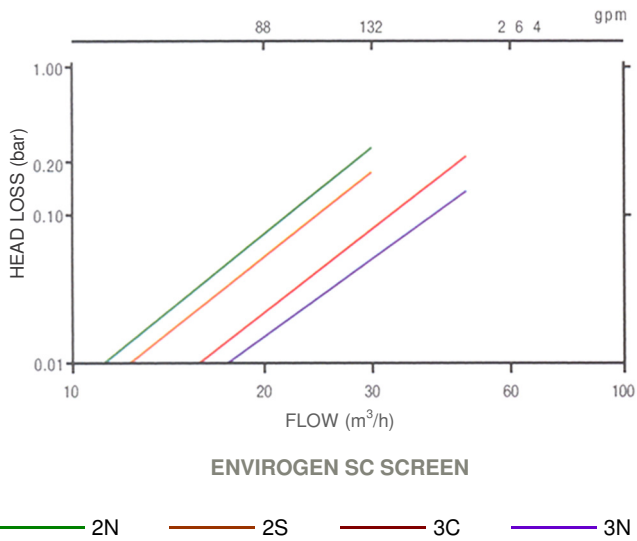
ENVIROGEN SC filters has a wide surface screen filtering element, and nozzles specially designed to remove the particles retained during the filtration process.

The rotary movement of the handle allow the nozzles, with a spiral movement, scan the 100% of the screen, sucking the particles and expelling it through the drainage, with little water consumption.

ENVIROGEN SC 130 micron	Maximum flow	Filtering surface
		Screen
2N	30 m ³ /h 132 gpm	890 cm ² 138 in ²
2S	30 m ³ /h 132 gpm	1.190 cm ² 184 in ²
3C	50 m ³ /h 220 gpm	890 cm ² 138 in ²
3N	50 m ³ /h 220 gpm	1.190 cm ² 138 in ²

Minimum pressure: 2 bar / 29 psi
 The flow rate given by filter conditions the frequency of the flushing activation. Other filtration grades available ENVIROGEN GROUP


HEAD LOSS ENVIROGEN SC 130 micron



MATERIAL ENVIROGEN SC

Housing	Polyamide reinforced with fiberglass
Filtering element	Stainless steel screen
Locking system	Stainless screen
Sealing element	NBR

pH>4 * Maximum pressure 10 bar / 145 psi
 Maximum temperature 60 °C / 140 °F

FILTER CONFIGURATION	Connection	Model	Connection		Dimensions					
			A	B	H ₁ mm in	H ₂ mm in	W mm in	X ₁ mm in	X ₂ mm in	D mm in
	2"	2NR	BSP	BSP	875	935	309	270	330	212
		2NW	GROOVED	GROOVED	35"	37"	12"	11"	13"	8"
	2" Super	2SR	BSP	BSP	1000	1060	309	270	330	212
		2SW	GROOVED	GROOVED	40"	42"	12"	11"	13"	8"
	3" C	3CR	BSP	BSP	890	950	336	290	350	212
		3CW	GROOVED	GROOVED	35"	38"	13"	12"	14"	8"
	3"	3NR	BSP	BSP	1015	1075	336	290	350	212
		3NW	GROOVED	GROOVED	40"	43"	13"	12"	14"	8"



Connection E 1½" BSP * Connection M ¼" BSP

Body available in NPT thread.

Kit DPI available. DPI: Device that indicates the differential of pressure in which the filter should be flushed.

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