



SEMI-AUTO SCREEN FILTERS

The Helix Hydro Plastic Semi – Automatic screen filter with a significant filtration surface area provides a simple and low maintenance operation.

The unique design allows for easy and quick cleaning, without disassembling the filter or restricting the flow during the cleaning process.

Technology

The spiral filter cleaning action with the specially designed suction nozzles removes the dirt particles retained during the filtration process.

The clockwise and anti-clockwise rotation movement of the handle allows the nozzles with a spiral rotation to scan 100% of the screen surface area, vacuuming the particles and expelling the waste through the drainage valve with minimal water consumption.



Feature & Advantage



Maximum filtering surface;



High effective and easy cleaning;



The filter is cleaned without disassembly.



Non-stop working. It is not necessary to stop the supply of water;



Low maintenance, without tooling;



Water and energy saving.



Model & Specification



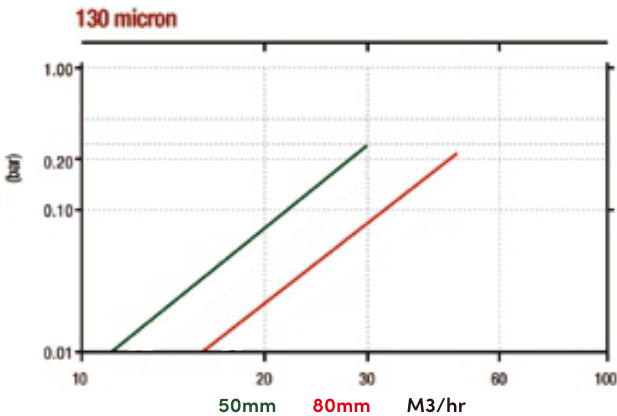
TSA50-120



TSA80-120



Head Loss

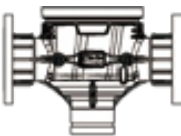


MODEL	CONNECTIONS	FILTRATION GRADES (MESH)	MAX FLOW (m ³ /h)	FILTRATION SURFACE (cm ²)	WEIGHTS (kg)
TSA50-120	DN50-BSP	120	30	1190	10.10
TSA80-120	DN80-Flange	120	50	1190	10.50

Connections

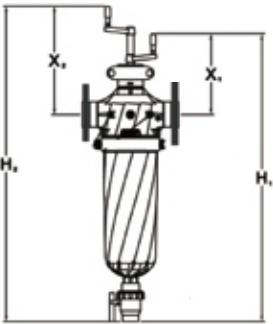
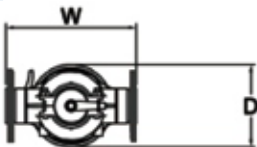


50mm BSP



80mm Flange

Dimension



Material

- HOUSING
Reinforced Polyamide
- FILTERING ELEMENTS
304 Stainless Steel Screen
- CLAMP
Stainless Steel
- SEALING ELEMENT
NBR

Maximum Pressure 10 Bar	Maximum Temperature 60 °C
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MODEL	H1 (mm)	H2 (mm)	W (mm)	X1 (mm)	X2 (mm)	D (mm)
TSA50-120	1085	1030	345	355	300	220
TSA80-120	1100	1045	360	355	300	220



Helix Hydro Pty. Ltd.
23 Sir Laurence Drive
Seaford, Victoria 3198
Phone: 03 9580 2122

Contact: enquiries@helixhydro.com.au
Website: www.helixhydro.com.au



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