

# AZUD spiral clean

The semiautomatic AZUD SPIRAL CLEAN screen filter is designed to ensure high filtration quality and low maintenance.



## ADVANTAGES

- ✓ **Large screen area.**  
Up to 1730 cm<sup>2</sup> (268 in<sup>2</sup>)
- ✓ **Filtration with screen filter element.**  
The material of construction of the screen is stainless steel. Filtration degrees 100, 130 y 200 micron.
- ✓ **Non-stop working.** It is not necessary to stop filtrated water supply during the cleaning process.
- ✓ **Easy and effective cleaning.** The cleaning mechanism, consisting of a hand crank, scanner and suction nozzles, guarantees an efficient cleaning of the filter element without dismantling the filter.
- ✓ **Low maintenance.** No tools are needed.
- ✓ **Modularity, versatility, compatibility.** The system permits a wide range of possibilities with a minimal number of components.
- ✓ **Manufactured in technical plastic.**
- ✓ **Water and energy saving.**

## TECHNOLOGY

AZUD SPIRAL CLEAN has a wide surface screen filtering element. Water flows OUT-IN through the filtering element while particles bigger than the filtration degree are trapped in the screen.

During the cleaning phase, the rotatory movement of the handle allows the rotation of the nozzles. The said nozzles suction the particles retained on the screen surface and discharge them through the drain valve.



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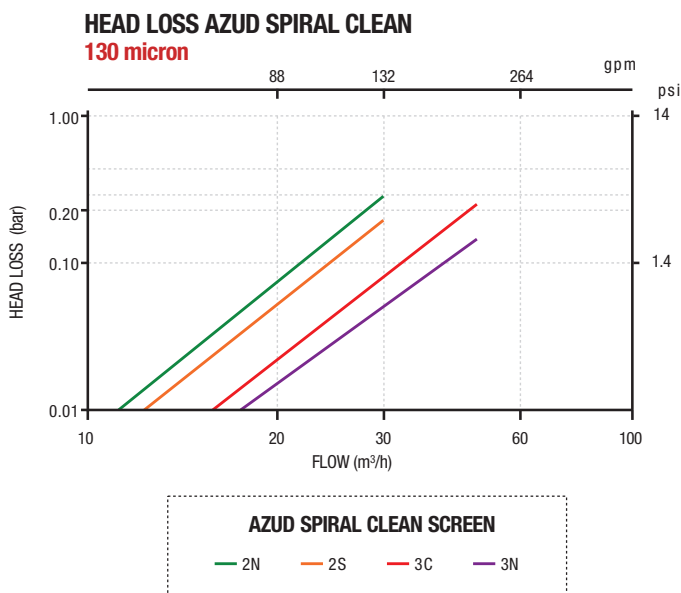
AZUD SPIRAL CLEAN 130 micron	Maximum flow	Filtration area
		Screen
2N	30 m <sup>3</sup> /h 132 gpm	1300 cm <sup>2</sup> 202 in <sup>2</sup>
2S	30 m <sup>3</sup> /h 132 gpm	1730 cm <sup>2</sup> 268 in <sup>2</sup>
3C	50 m <sup>3</sup> /h 220 gpm	1300 cm <sup>2</sup> 202 in <sup>2</sup>
3N	50 m <sup>3</sup> /h 220 gpm	1730 cm <sup>2</sup> 268 in <sup>2</sup>


Minimum pressure: 2 bar / 29 psi.  
The flow rate given by filter conditions the frequency of the flushing activation.  
Other filtration grades available [www.azud.com](http://www.azud.com)

## MATERIALS OF CONSTRUCTION

Housing	Polyamide reinforced with fiberglass
Filtering element	Stainless steel screen AISI 316
Locking system	Stainless steel
Sealing element	NBR

4 < pH < 11 • Maximum pressure 10 bar / 145 psi • Maximum temperature 60 °C / 140



FILTER CONFIGURATION	Connection	Model	Connection		Dimensions					
			A	B	H <sub>1</sub>	H <sub>2</sub>	W	X <sub>1</sub>	X <sub>2</sub>	D
			mm	mm	mm	mm	mm	mm	mm	mm
	2"	2NR	BSP	BSP	875	935	310	270	330	212
		2NW	GROOVED	GROOVED	34.5"	36.9"	12.2"	10.7"	13.0"	8.3"
	2" Super	2SR	BSP	BSP	1000	1060	310	270	330	212
		2SW	GROOVED	GROOVED	39.4"	41.7"	12.2"	10.7"	13.0"	8.3"
	3" C	3CR	BSP	BSP	890	950	336	285	345	212
		3CW	GROOVED	GROOVED	35.0"	37.3"	13.2"	11.3"	13.6"	8.3"
	3"	3NR	BSP	BSP	1015	1075	336	285	345	212
		3NW	GROOVED	GROOVED	40.0"	42.4"	13.2"	11.3"	13.6"	8.3"

Connection E 1 1/2" BSP • Connection M 1/4" BSP  
Body available in NPT thread.  
KIT DPI available. DPI: Device that indicates the differential of pressure in which the filter should be flushed.

