

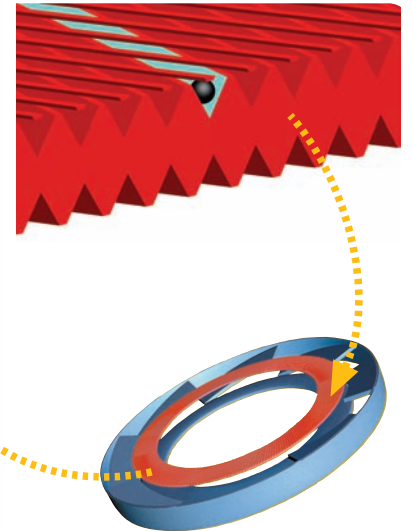
AZUD HELIX SYSTEM filtration range is based on low maintenance and optimum safety in filtration.

Centrifugal Action device system. Optimization of the performance and minimum frequency and intensity of maintenance labours.



ADVANTAGES

- ✓ **AZUD HELIX System.** Centrifugal Action device. Optimization of the performance and minimum frequency and intensity of maintenance labours.
- ✓ **Disc Filtration. Maximum safety.** Its studied design and the materials used in its manufacture guarantee a long life and high resistance. Also available in screen. Wide filtering area.

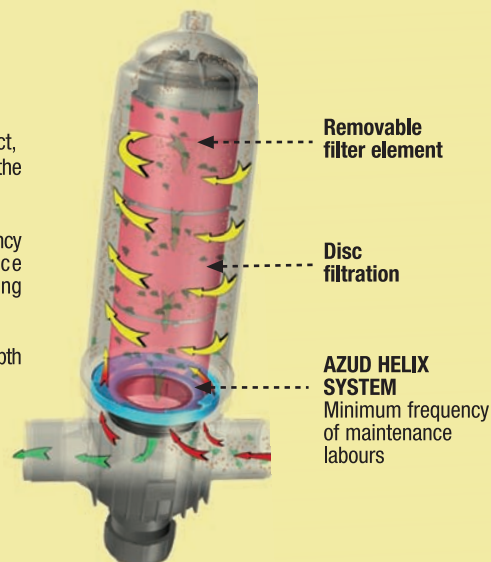


TECHNOLOGY

FILTRATION STAGE: The helix generates a centrifuge helical effect, which moves away from the discs the particles in the water.

This is translated in a lesser frequency and intensity of the maintenance labours, with the subsequent saving of water.

Through the discs is made the in-depth filtration process.



- ✓ **Modularity.** Versatility, compatibility. The system permits a wide range of possibilities with a minimal number of components.
- ✓ **Manufactured in plastic materials.**
- ✓ **Low Maintenance and Easy.** Without tooling.
- ✓ **The exclusive Butterfly System** of closure of the filtering element, which allows an easy decompression of the discs stack. Easy handling and at the same time prevents the missing of discs.
- ✓ **Water and energy saving.**

AZUD HELIX SYSTEM 130 micron	Max. flow	Filtering surface	
		Discs	Screen
2N	30 m ³ /h 132 gpm	1,198 cm ² 186 in ²	-
2S	30 m ³ /h 132 gpm	1,699 cm ² 263 in ²	1,087 cm ² 169 in ²
3N	50 m ³ /h 220 gpm	1,699 cm ² 263 in ²	1,087 cm ² 169 in ²
4N	70 m ³ /h 308 gpm	2,396 cm ² 371 in ²	-
4S	100 m ³ /h 440 gpm	3,398 cm ² 527 in ²	2,174 cm ² 334 in ²
6N	100 m ³ /h 440 gpm	3,398 cm ² 527 in ²	2,174 cm ² 334 in ²

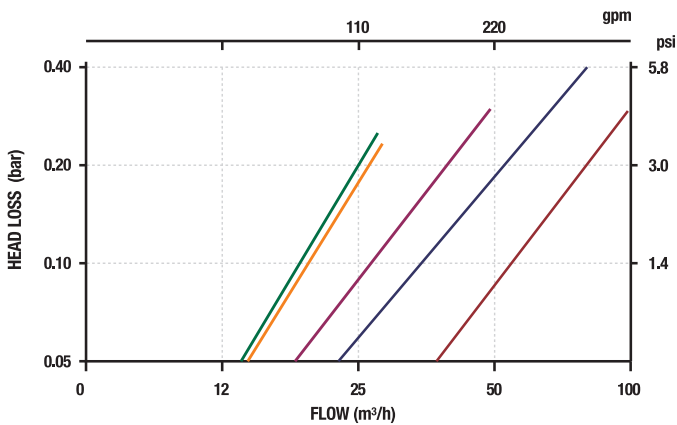
Other filtration grades available.

MATERIAL

Housing	Polyamide reinforced with fiberglass
Filtering element	PP grooved discs AISI 316 stainless steel screen
Clamp	Stainless steel
Sealing element	NBR

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

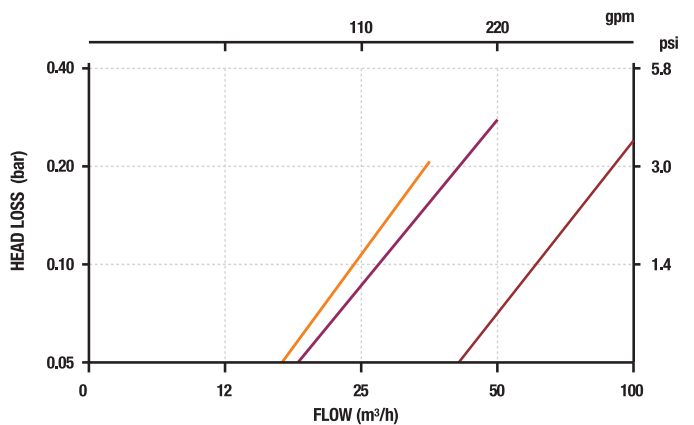
AZUD HELIX SYSTEM DISCS HEAD LOSS 130 micron



AZUD HELIX SYSTEM DISCS







— 2N — 2S — 3N — 4N — 4S-6N

AZUD HELIX SYSTEM SCREEN HEAD LOSS 130 micron



AZUD HELIX SYSTEM SCREEN

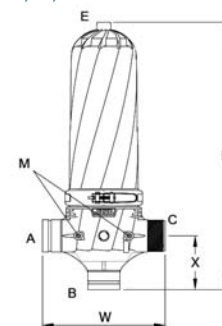
— 2S — 3N — 4S-6N

FILTER CONFIGURATION	Connection	Model	Connection			Dimensions (mm)		
			A	B	C	H	W	X
	2"	2NR	BSP	BSP	BSP	597	309	133
		2NA	NPT	NPT	NPT			
		2NV	GROOVED	GROOVED	BSP			
		2NW	GROOVED	BSP	GROOVED			
	2"Super	2SR	BSP	BSP	BSP	721	309	133
		2SA	NPT	NPT	NPT			
		2SV	GROOVED	GROOVED	BSP			
		2SW	GROOVED	BSP	GROOVED			
	3"	3NR	BSP	BSP	BSP	727	336	147
		3NA	NPT	NPT	NPT			
		3NV	GROOVED	GROOVED	BSP			
		3NW	GROOVED	BSP	GROOVED			
	4"	4NL	GROOVED	GROOVED	-	950	341	-
		4NB	FLANGE	FLANGE	-			
	4"Super	4SL	GROOVED	GROOVED	-	1200	341	-
		4SB	FLANGE	FLANGE	-			
	6"	6NB	FLANGE	FLANGE	-	1200	531	-

Connection E 3/4" BSP • Connection M 1/4" BSP

AZUD HELIX SYSTEM

2N, 2S, 3N



4N, 4S, 6N

