

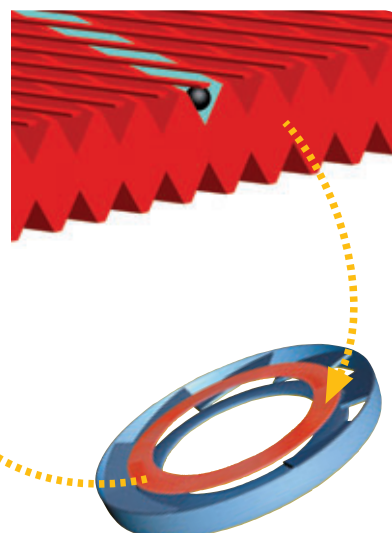
The AZUD HELIX SYSTEMS are based on high efficiency, with low maintenance and precision manufacturing in a safe environment.

The Centrifugal Action optimizes the filtration performance while reducing backwash frequency and maintenance.



ADVANTAGES

- ✓ **AZUD Helix System.**
Helix created Centrifugal Action optimizes the filtration performance and reduces backwash frequency and maintenance.
- ✓ **Disc Filtration with Maximum Safety.**
Its patented design and high quality materials used in manufacturing guarantee an extended life with high resistance.

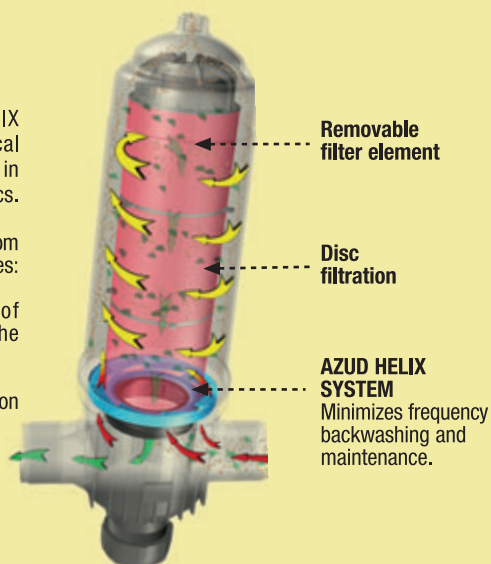


TECHNOLOGY

FILTRATION STAGE: The HELIX technology generates a centrififical effect which pushes the particles in the dirty water away from the discs.

Keeping the larger particles away from the discs has two major advantages:

- It decreases the frequency of backwashing, thus minimizing the amount of water used.
- Allows the disc's to concentrate on removal of the finer particles.



- ✓ **Modularity, Versatility, Compatibility.**
The system permits a wide range of flows and configurations using a minimal number of components.
- ✓ **Manufactured in plastic materials.**
- ✓ **Low Maintenance.** Simple with no tools required.
- ✓ **The exclusive Butterfly System** used for locking the filter elements allows for easy decompression of the disc stack during backwash. It also allows easy handling and disc maintenance.
- ✓ **Water and energy saving.**

AZUD HELIX SYSTEM 130 micron	Max. flow	Filtering surface	
		Discs	Screen
2N	30 m³/h 132 gpm	1.198 cm² 186 in²	-
2S	30 m³/h 132 gpm	1.699 cm² 263 in²	1.087 cm² 169 in²
3C	50 m³/h 220 gpm	1.198 cm² 186 in²	-
3N	50 m³/h 220 gpm	1.699 cm² 263 in²	1.087 cm² 169 in²
4N	70 m³/h 308 gpm	2.396 cm² 371 in²	-
4S	100 m³/h 440 gpm	3.398 cm² 527 in²	2.174 cm² 334 in²
6N	100 m³/h 440 gpm	3.398 cm² 527 in²	2.174 cm² 334 in²

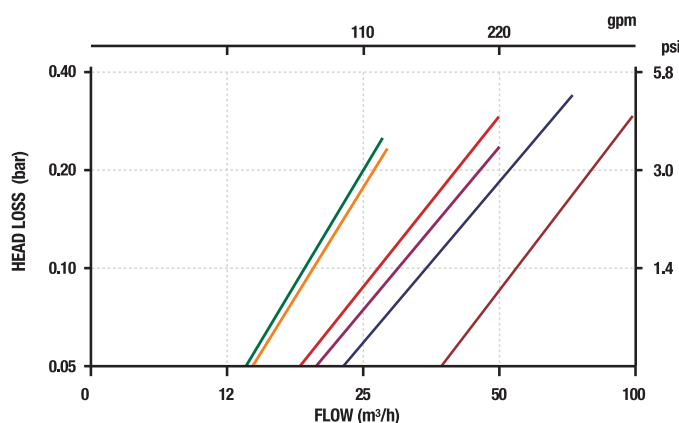
Other filtration grades available.

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

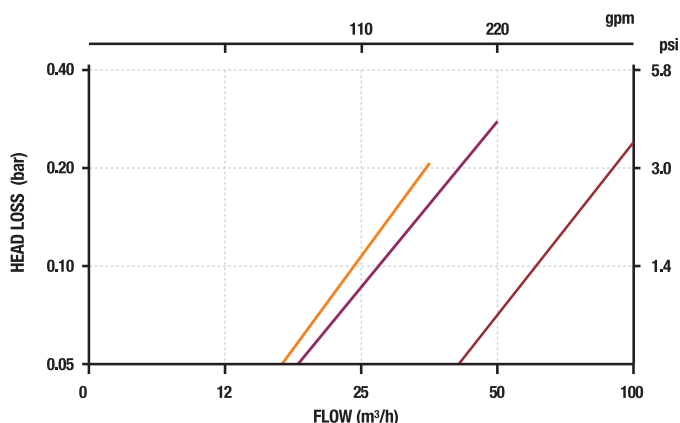
AZUD HELIX SYSTEM DISCS HEAD LOSS 130 micron



AZUD HELIX SYSTEM DISCS

— 2N — 2S — 3C — 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			
			A	B	C	H	W	X	
	2"	2NR 2NA 2NV 2NW	BSP NPT GROOVED GROOVED	BSP NPT GROOVED BSP	BSP NPT BSP GROOVED	597	24	309	123
	2"Super	2SR 2SA 2SV 2SW	BSP NPT GROOVED GROOVED	BSP NPT GROOVED BSP	BSP NPT BSP GROOVED	721	28	309	123
	3"C	3CR 3CA 3CV 3CW	BSP NPT GROOVED GROOVED	BSP NPT GROOVED BSP	BSP NPT BSP GROOVED	615	24	336	147
	3"	3NR 3NA 3NV 3NW	BSP NPT GROOVED GROOVED	BSP NPT GROOVED BSP	BSP NPT BSP GROOVED	727	29	336	147
	4"	4NL 4NB	GROOVED FLANGE	GROOVED FLANGE	-	950	37	341	13
	4"Super	4SL 4SB	GROOVED FLANGE	GROOVED FLANGE	-	1200	47	341	13
	6"	6NB	FLANGE	FLANGE	-	1200	47	531	21

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

AZUD HELIX SYSTEM

2N, 2S, 3C, 3N

4N, 4S, 6N

