

AZUD | AGL

Manual disc and screen filters, for a safe and an effective protection of irrigation systems.

Simple and competitive filtration solutions to optimize investment cost.

Technical characteristics

- **Filtration technology:** Discs and Mesh
- **Cleaning system:** Manual
- **Material:** Polymeric
- **Nominal pressure:** PN8



Unique selling points



Safety

Reliable system protection through efficient particle removal



Robustness

Made of high quality polymers for high corrosion resistance and long lifetime



Simplicity

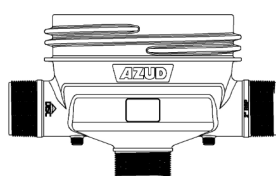
Minimum and easy maintenance, with no need for tool

Product range

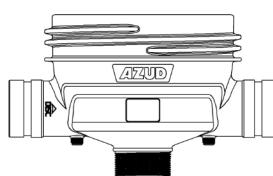
Model	Connection diameter	Max. flow rate (130 µ)*	Filtration area	Filtration technology
		m³/h	cm²	
2"	2"	30	1.050	Discs
	2"	30	900	Screen
2" SUPER	2"	30	1.660	Discs
	2"	30	1.350	Screen
3" COMPACT	3"	50	1.050	Discs
	3"	50	900	Screen
3"	3"	50	1.660	Discs
	3"	50	1.350	Screen

*The flow rate assigned per filter determines the cleaning frequency.

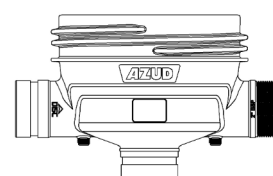
Connections



2" BSP / 2"S BSP
3"C BSP / 3" BSP



2" GRV90 / 2"S GRV90
3"C GRV90 / 3" GRV90



2" GRV180 / 2"S GRV180
3"C GRV180 / 3" GRV180

Available connections: BSP, NPT or grooved thread

Filtration degrees



400 micron 200 micron 130 micron 100 micron

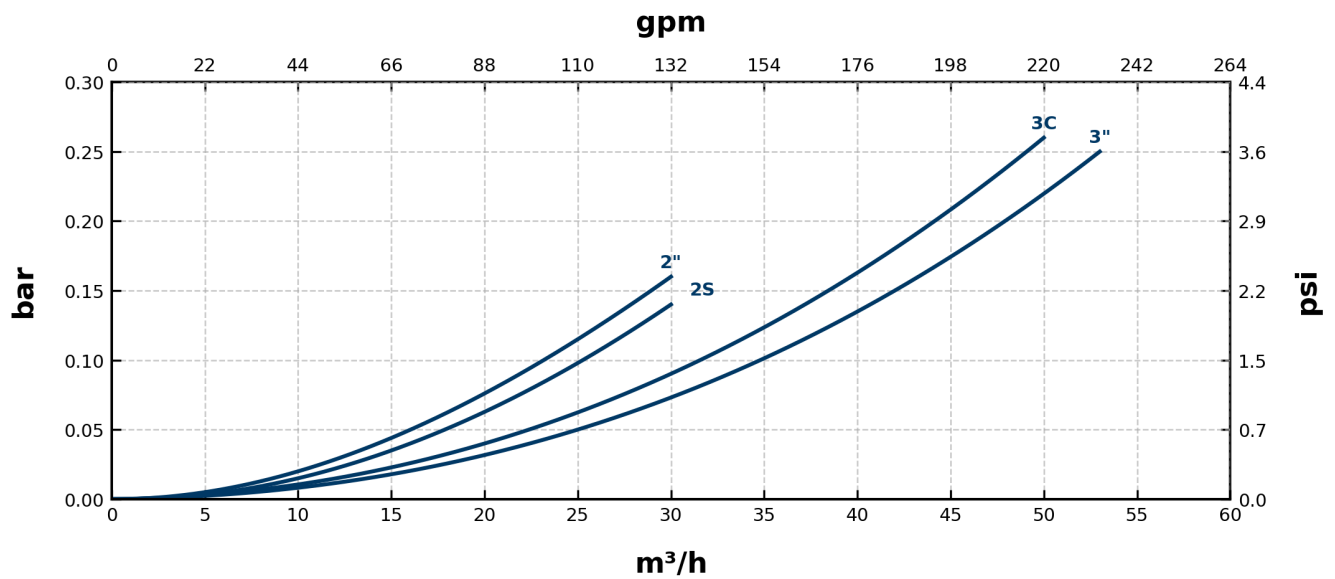


200 micron 130 micron 100 micron

Working condition

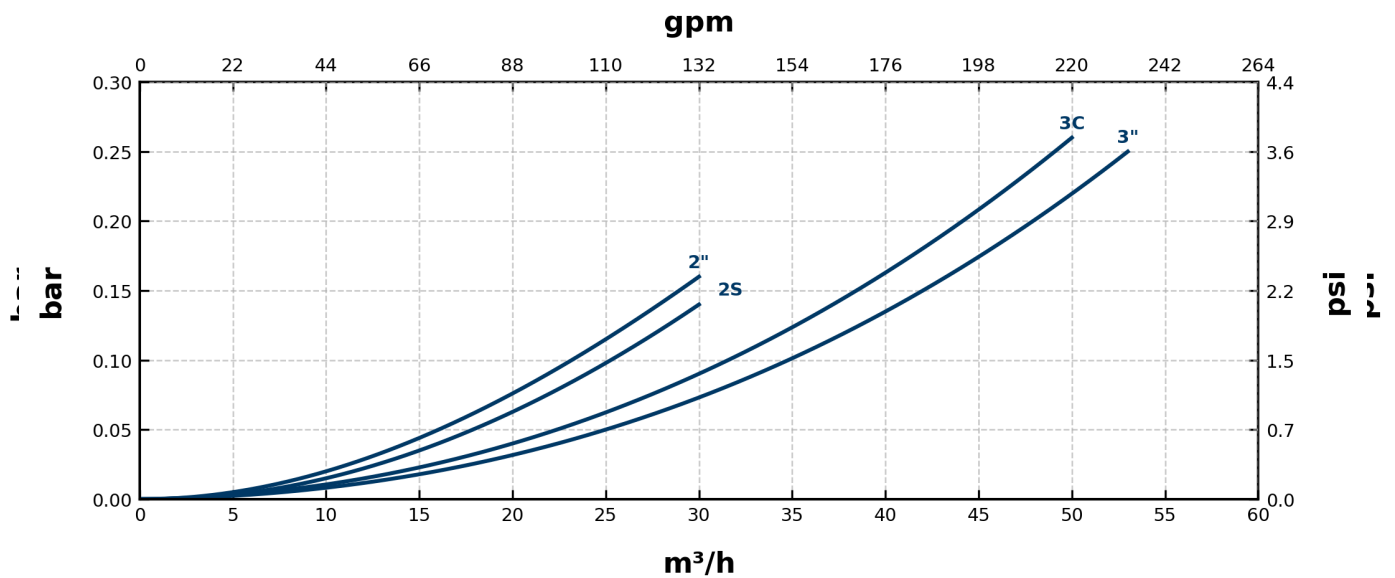
Type of water	TDS (mg/l)	Max. Working Pressure	Min. working pressure	pH	Water temperature
		bar	bar		°C
Low salinity water	<6.000	8	0,8	2 - 13	60

Head Loss Graph (Flow rate vs Pressure) - Discs



Calculated head loss with MG 130 micron discs

Head Loss Graph (Flow rate vs Pressure) - Screen



Calculated head loss with 130 micron screen

Construction Materials

Type of water	Low salinity water
Body-lid	Polypropylene
Filtering element	Polypropylene discs / Screen Stainless steel
Sealing o-rings	NBR

Related products



AZUD HELIX AUTOMATIC
200



AZUD HELIX SYSTEM



AZUD MODULAR 100

