

# AZUD modular 100

AZUD MODULAR 100 is a range of lower flow disc and screen filters. Manufacture in plastic which ensures easy maintenance, high resistance and durability.

Flows up to 25 m<sup>3</sup>/h (110 gpm).



## TECHNOLOGY

Pressure gauge connections

BSP / NPT connection

Modular Filter: interchangeable elements in different filtration grades.

Wide filtering surface

Auxiliary connection

Design

Robustness

Easy and Safe closure system

Effective closure system allows discs to be loosened but not lost during cleaning.

## ADVANTAGES

✓ **MAXIMUM QUALITY AND SAFETY IN FILTRATION** in a wide range of filtration grades in discs and screens.

• **Disc filter element with threaded closure for easy handling.** This ensures the compression of the discs and prevents accidental loss.



• **Screen filter element manufactured** in plastic and stainless steel.



✓ **LARGE FILTERING AREA RESULTS IN LESS MAINTENANCE.** Allows for a reduction in the frequency and level of maintenance. The filter elements can be removed for cleaning.

✓ **ROBUSTNESS.** Base and lid manufactured in high quality thermoplastic.

✓ **THREADED CLOSURE SYSTEM** efficient from low to high pressures.

✓ **GASKET SET IN THE LID.** This avoids loss or wear during maintenance.

✓ **EQUIPPED WITH AUXILIARY CONNECTIONS.**

• Lid has threaded connections, this allows easy draining or pressure relief.

• Ports for Pressure Gauges.

✓ **EASY HANDLING,** no tools required for maintenance.

✓ **EASY INSTALLATION.**

✓ **RESISTANCE TO CHEMICAL PRODUCTS.** With special gaskets.

# AZUD modular 100



AZUD MODULAR 100	3/4"	1"
CONNECTION	3/4" BSP	1" BSP
MAXIMUM RECOMMENDED FLOW	5 m³/h 22 gpm	6 m³/h 26 gpm
FILTRATION AREA (DISCS)	180 cm² 28 in²	180 cm² 28 in²
FILTRATION AREA (SCREEN)	160 cm² 25 in²	160 cm² 25 in²



AZUD MODULAR 100	1 1/4"	1 1/2"
CONNECTION	1 1/4" BSP	1 1/2" BSP
MAXIMUM RECOMMENDED FLOW	10 m³/h 44 gpm	14 m³/h 62 gpm
FILTRATION AREA (DISCS)	310 cm² 48 in²	310 cm² 48 in²
FILTRATION AREA (SCREEN)	270 cm² 42 in²	270 cm² 42 in²



AZUD MODULAR 100	1 1/2" SUPER	2"
CONNECTION	1 1/2" BSP	2" BSP
MAXIMUM RECOMMENDED FLOW	20 m³/h 88 gpm	25 m³/h 110 gpm
FILTRATION AREA (DISCS)	535 cm² 83 in²	535 cm² 83 in²
FILTRATION AREA (SCREEN)	490 cm² 76 in²	490 cm² 76 in²



**Filtration degrees**

**Disc**

- 130 micron. (120 mesh)

**Screen**

- 530 micron. (35 mesh)
- 200 micron. (75 mesh)
- 130 micron. (120 mesh)
- 100 micron. (150 mesh)

## MATERIALS OF CONSTRUCTION

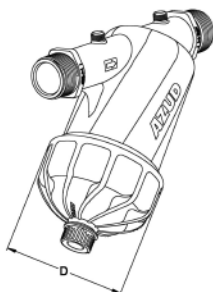
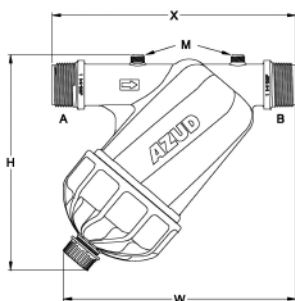
Housing	Technical plastic
Filtration elements	Polypropylene grooved discs Stainless steel AISI 316 screen

Maximum pressure 8 bar / 116 psi • Maximum temperature 60 °C / 140 °F

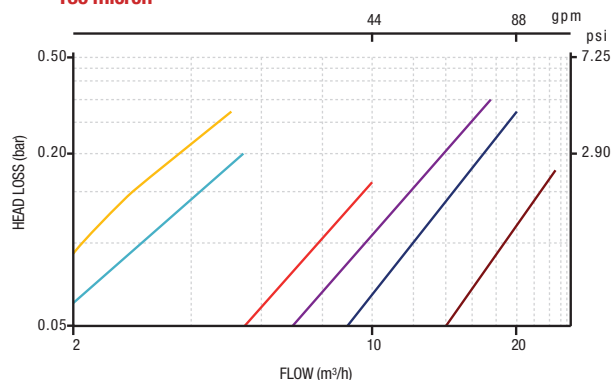
## Dimensions

AZUD MODULAR 100	Model	A - B	H		W		X		D	
			mm	in	mm	in	mm	in	mm	in
	3/4"	3/4" BSP	174	6.8	185	7.3	158	6.2	82	3.2
	1"	1" BSP	174	6.8	190	7.5	168	6.6	82	3.2
	1 1/4"	1 1/4" BSP	204	8.0	231	9.1	231	9.1	115	4.5
	1 1/2"	1 1/2" BSP	204	8.0	231	9.1	231	9.1	115	4.5
	1 1/2" SUPER	1 1/2" BSP	244	9.6	262	10.3	252	9.9	147	5.8
	2"	2" BSP	250	9.8	270	10.6	267	10.5	147	5.8

A - B Available in NPT connection  
E - 3/4" BSP connection  
M - 1/4" BSP connection



## AZUD MODULAR 100 DISCS 130 micron



## AZUD MODULAR 100



## AZUD MODULAR 100 SCREEN 130 micron

