

# AZUD modular 100

AZUD MODULAR 100 is the manual filter series for agricultural water filtration applications. 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

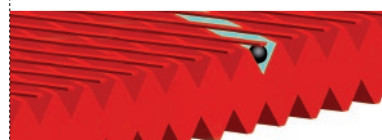
Easy and Safe closure system

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

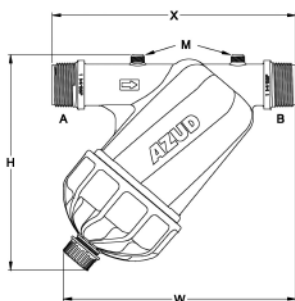
|                     |                                                                |
|---------------------|----------------------------------------------------------------|
| Housing             | Technical plastic                                              |
| Filtration elements | Polypropylene grooved discs<br>Stainless steel AISI 316 screen |

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

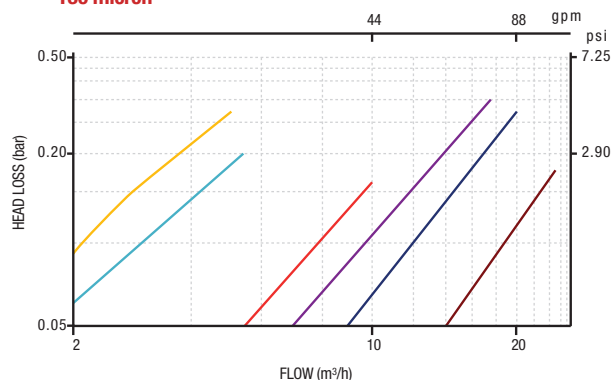
## Dimensions

| 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

— 3/4" — 1" — 1 1/4" — 1 1/2" — 1 1/2" SUPER — 2"

## AZUD MODULAR 100 SCREEN 130 micron

