

# 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

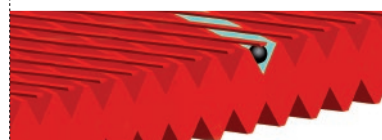
Easy and Safe  
closure system

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 m <sup>3</sup> /h 22 gpm             | 6 m <sup>3</sup> /h 26 gpm             |
| FILTERING SURFACE (DISCS)  | 180 cm <sup>2</sup> 28 in <sup>2</sup> | 180 cm <sup>2</sup> 28 in <sup>2</sup> |
| FILTERING SURFACE (SCREEN) | 160 cm <sup>2</sup> 25 in <sup>2</sup> | 160 cm <sup>2</sup> 25 in <sup>2</sup> |



| AZUD MODULAR 100           | 1 1/4"                                 | 1 1/2"                                 |
|----------------------------|--|--|
| CONNECTION                 | 1 1/4" BSP                             | 1 1/2" BSP                             |
| MAXIMUM RECOMMENDED FLOW   | 10 m <sup>3</sup> /h 44 gpm            | 14 m <sup>3</sup> /h 62 gpm            |
| FILTERING SURFACE (DISCS)  | 310 cm <sup>2</sup> 48 in <sup>2</sup> | 310 cm <sup>2</sup> 48 in <sup>2</sup> |
| FILTERING SURFACE (SCREEN) | 270 cm <sup>2</sup> 42 in <sup>2</sup> | 270 cm <sup>2</sup> 42 in <sup>2</sup> |



| AZUD MODULAR 100           | 1 1/2" SUPER                           | 2"                                     |
|----------------------------|--|--|
| CONNECTION                 | 1 1/2" BSP                             | 2" BSP                                 |
| MAXIMUM RECOMMENDED FLOW   | 20 m <sup>3</sup> /h 88 gpm            | 25 m <sup>3</sup> /h 110 gpm           |
| FILTERING SURFACE (DISCS)  | 535 cm <sup>2</sup> 83 in <sup>2</sup> | 535 cm <sup>2</sup> 83 in <sup>2</sup> |
| FILTERING SURFACE (SCREEN) | 490 cm <sup>2</sup> 76 in <sup>2</sup> | 490 cm <sup>2</sup> 76 in <sup>2</sup> |



### Filtration grades



#### Disc

130 micron.  
(120 mesh)



#### Screen INOX

530 micron.  
(35 mesh)

200 micron.  
(75 mesh)

130 micron.  
(120 mesh)

100 micron.  
(150 mesh)

### MATERIAL

|                    |  |
|--------------------|--|
| Housing            | Technical Plastic                            |
| Filtering Elements | PP grooved discs<br>316 AISI stainless steel |

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

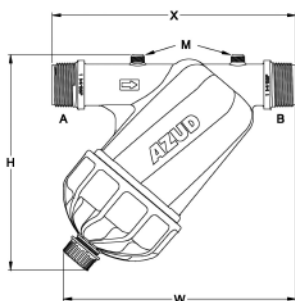
### Dimensions

| Model        | A - B      | H   |     | W   |      | X   |      | D   |     |
|--------------|------------|-----|-----|-----|------|-----|------|-----|-----|
|              |            | mm  | in  | mm  | in   | mm  | in   | mm  | in  |
| 3/4"         | 3/4" BSP   | 174 | 6.9 | 185 | 7.3  | 158 | 6.2  | 82  | 3.2 |
| 1"           | 1" BSP     | 174 | 6.9 | 190 | 7.5  | 158 | 6.2  | 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

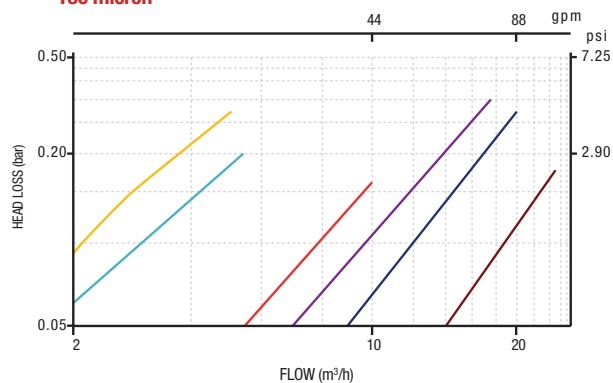
E - 3/4" BSP connection

M - 1/4" BSP connection



### AZUD MODULAR 100 DISCS

130 micron



### AZUD MODULAR 100

1 1/4"

1 1/2"

1 1/2" SUPER

2"

### AZUD MODULAR 100 SCREEN

130 micron

