

# AZUD | SPIRAL clean



Semiautomatic 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:** Mesh
- **Cleaning system:** Semiautomatic
- **Material:** Polymeric
- **Nominal pressure:** PN10



## 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

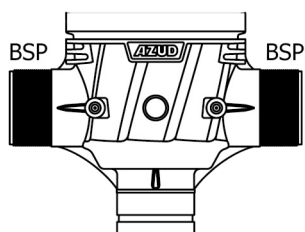
Minimum and easy maintenance, with no need for tool

## Product range

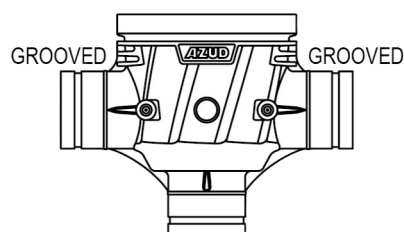
| Model | Connection diameter | Max. flow rate (130 µ) | Filtration area | Connection type |
|-------|---------------------|------------------------|-----------------|-----------------|
|       |                     | m³/h                   | cm²             |                 |
| 2NR   | 2"                  | 30                     | 1.300           | BSP             |
| 2NA   | 2"                  | 30                     | 1.300           | NPT             |
| 2NW   | 2"                  | 30                     | 1.300           | Grooved         |
| 2SR   | 2"                  | 30                     | 1.730           | BSP             |
| 2SA   | 2"                  | 30                     | 1.730           | NPT             |
| 2SW   | 2"                  | 30                     | 1.730           | Grooved         |
| 3NR   | 3"                  | 50                     | 1.730           | BSP             |
| 3NA   | 3"                  | 50                     | 1.730           | NPT             |
| 3NW   | 3"                  | 50                     | 1.730           | Grooved         |

Includes DPI KIT, a device that indicates the pressure differential at which the filter must be cleaned

## Connections



2NR/2SR/3NR



2NW/2SW/3NW

Available connections: BSP, NPT or grooved thread

## Filtration degrees



■ 200 micron
 ■ 130 micron
 ■ 100 micron

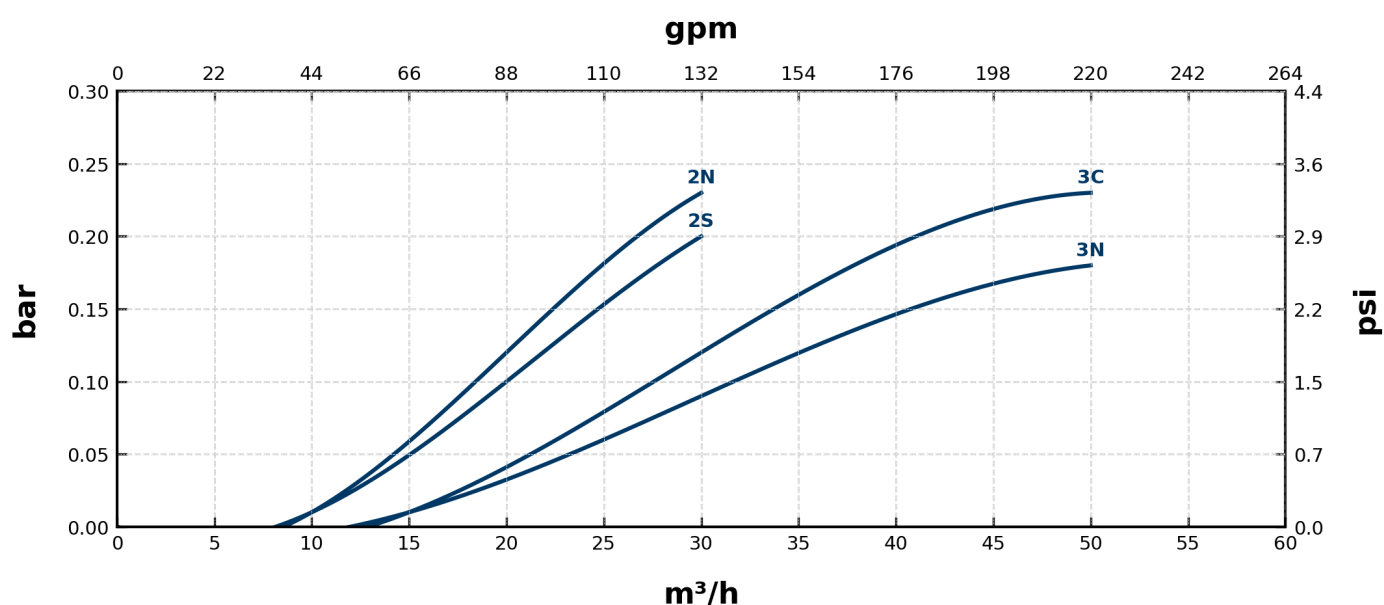
## Working condition

| Type of water      | TDS (mg/l) | Max. Working Pressure | Min. working pressure | pH     | Water temperature |
|--------------------|------------|-----------------------|-----------------------|--------|-------------------|
|                    |            | bar                   | bar                   |        | °C                |
| Low salinity water | <6.000     | 10                    | 0,8                   | 4 - 11 | 60                |

## Construction Materials

| Type of water     | Low salinity water               |
|-------------------|----------------------------------|
| Body-lid          | Glass fiber reinforced polyamide |
| Filtering element | AISI 316 stainless steel Screen  |
| Clamp             | 304 Stainless steel              |
| Sealing o-rings   | NBR                              |

## Head Loss Graph (Flow rate vs Pressure) - Screen



Calculated Head loss with 130 micron Screen

## Related products

**AZUD HELIX AUTOMATIC 200**

5 YEARS WARRANTY

**AZUD HELIX SYSTEM**

10 YEARS WARRANTY

**AZUD MODULAR 100**