



FT300 HP

Ø3" self-cleaning disc filtration system, with butterfly backwash valves for the removal of inorganic and organic suspended particles, with non-stop filtered water supply thanks to sequential backwash of each filter element.

Ideal for installations operating at high working pressure (PN16)



5
YEARS WARRANTY

Technical characteristics

- **Filtration technology:** Discs
- **Cleaning system:** Self-cleaning
- **Number of filters:** 2 - 8 x Ø3" filters
- **Nominal pressure:** PN16
- **Material:** Stainless steel

Unique selling points



+ Protection

High filtration capacity, ideal for water with a high particle load.

Guaranteed water quality thanks to AZUD 3D discs, with MG or WS technology, providing surface and depth filtration.



+ Savings

Low water consumption and minimal self-cleaning frequency

Minimal energy consumption thanks to AZUD DLP TECHNOLOGY, with high-efficiency low-pressure self-cleaning



Reliability

High-quality stainless steel provides high mechanical strength, robustness, and durability.

Minimal, tool-free maintenance reduces time and labor.

Reliable and long-lasting operation, backed by a 5-year warranty.

Product range

Model	No. of filters	Filtration area	Max. flow rate (130 µ)	Manifold diameter E/S
		cm²	m³/h	
FT302 HP	2	3.240	44	4"
FT303 HP	3	4.860	66	4"
FT304 HP	4	6.480	88	6"
FT305 HP	5	8.100	110	6"
FT306 HP	6	9.720	132	6"
FT307 HP	7	11.340	154	6"
FT308 HP	8	12.960	176	8"

Available connections: DIN 2502 flange and ANSI B16.5 CLASS 150 flange

Drainage manifold with sustaining valve: Ø3" DIN 2502 flange or ANSI B16.5 CLASS 150 flange

Filtration degrees



■ 400 micron
 ■ 200 micron
 ■ 130 micron
 ■ 100 micron

Working condition

Type of water	TDS (mg/l)	Max. Working Pressure	Min. working pressure	Min. Backflushing pressure	Min. cleaning flow rate	pH	Water temperature
		bar	bar	bar	l/s		°C
Low salinity water	<6.000	16	0,8	1,5	2,5	4 - 11	60

Construction Materials - Filter

Type of water	Low salinity water
Base-lid	316L Stainless steel
MG/WS Discs	Polypropylene / High density polyethylene
Support structure	Reinforced polypropylene
Spring	Stainless steel 302
Closing screws	Stainless steel 304

Construction Materials - Valve

Type of water	Low salinity water
Body	Stainless steel 304
Shaft - Seat - Spring	EPDM rubber
Disc	316L Stainless steel

Butterfly type Ø2" with single-acting pneumatic actuator and butterfly type Ø3" with double-acting pneumatic actuator

Construction Materials - Manifolds

Type of water	Low salinity water
Manifold body	Carbon steel with epoxy-polyester coating
Manifold flange connection	Carbon steel with epoxy-polyester coating

Related products



AZUD FBC Controller unit not included with the equipment.