



FT4DC

Disc filtration modules, consisting of Ø4" self-cleaning filters

Ideal for installations requiring a high filtration flow.

Technical characteristics

- **Filtration technology:** Discs
- **Cleaning system:** Self-cleaning
- **Number of filters:** 6 - 12 double filters x Ø4
- **Nominal pressure:** PN10
- **Material:** Polymeric



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

Reduced water consumption with the patented AZUD HELIX device, which drastically reduces the frequency of self-cleaning cycles.

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



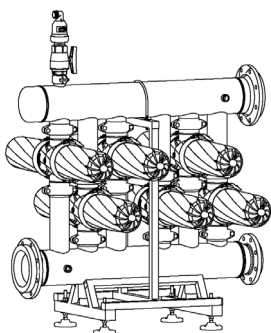
Reliability

High-quality polymers provide robustness and high corrosion resistance.

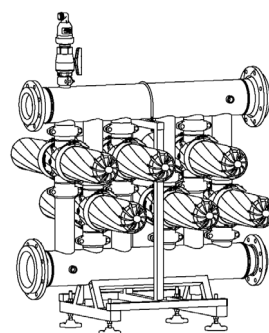
Minimal, tool-free maintenance reduces time and labor.

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

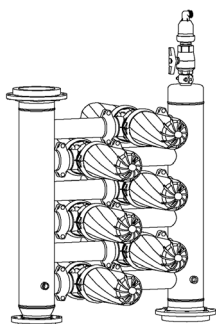
Configurations



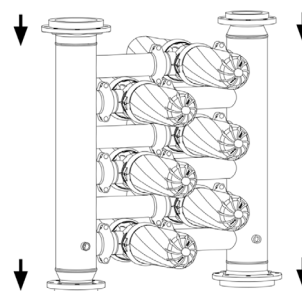
Horizontal



Horizontal LP



Vertical (V)



Vertical LP

Product range

Model	No. of filters	Filtration area	Max. flow rate (130 µ)	Manifold diameter E/S
		cm²	m³/h	
FT4DC6	6	19.440	168	6"
FT4DC8	8	25.920	224	8"
	8	25.920	384	10" - 8"
FT4DC12	12	38.880	336	10"
	12	38.880	576	12" - 10"

*Maximum flow rate varies depending on the filtration level and water quality. Consult AZUD for nominal flow rates for each case.

Available connections: DIN 2576 flange and ANSI B16.5 CLASS 150 flange

Pressure manifold (LP model): Same characteristics as the drain manifold

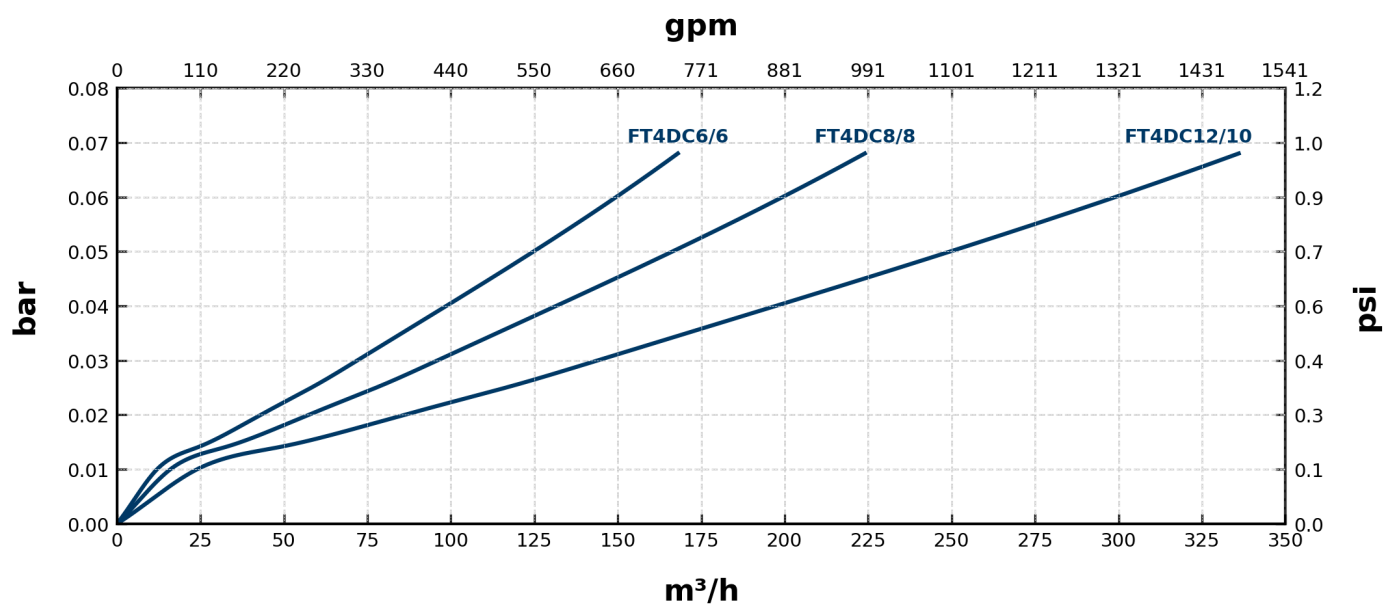
Filtration degrees



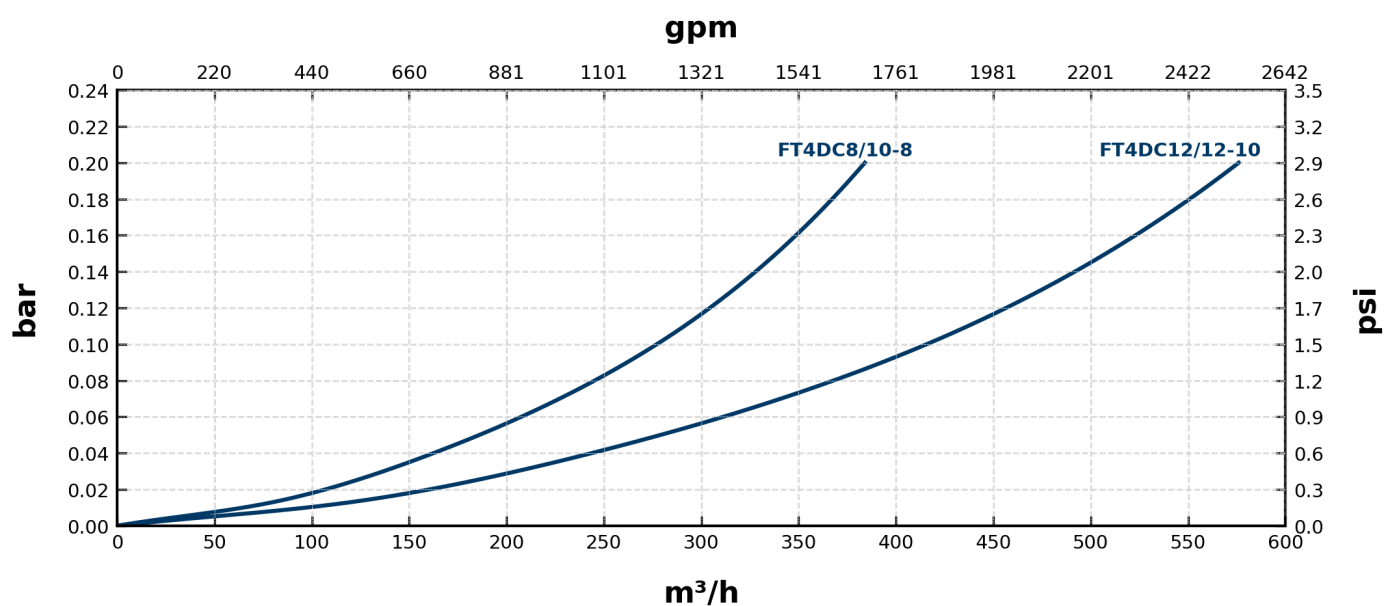
Working condition

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	10	0,8	1,5	5	4 - 11	60
High salinity water	6.000 - 55.00	10	0,8	1,5	5	4 - 11	60

Head Loss Graph (Flow rate vs Pressure)



Head Loss Graph (Flow rate vs Pressure)



Construction Materials - Filter

Type of water	Low salinity water	High salinity water
Base-lid	Glass-fiber-reinforced polyamide	Glass-fiber-reinforced polyamide
Clamp	316L Stainless steel	316L Stainless steel
MG/WS Discs	Polypropylene / High density polyethylene	Polypropylene / High density polyethylene
Support structure	Glass-fiber-reinforced polypropylene	Glass-fiber-reinforced polypropylene
Spring	Stainless steel 302	Hastelloy

Construction Materials - Valve

Type of water	Low salinity water	High salinity water
Body	Glass-fiber-reinforced polyamide	Glass-fiber-reinforced polyamide
Shaft - Seat - Spring	Stainless steel 303-304-304	Stainless steel DUPLEX - Stainless steel DUPLEX - 316L Stainless steel

Construction Materials - Manifolds

Type of water	Low salinity water	High salinity water
Manifold body	High density polyethylene PE-100	High density polyethylene PE-100
Manifold flange connection	Aluminum	Polypropylene coated steel
Grooved connection	High density polyethylene PE-100	High density polyethylene PE-100

Related products



**AZUD HELIX AUTOMATIC
FT200 AA**



ACCS
5 YEARS WARRANTY



AZUD FBC




**AZUD HELIX AUTOMATIC
FT4DCL**



ACCS
5 YEARS WARRANTY

AZUD FBC Controller unit not included with the equipment.