

Aqua **Disc**

Automatic Disc Filters

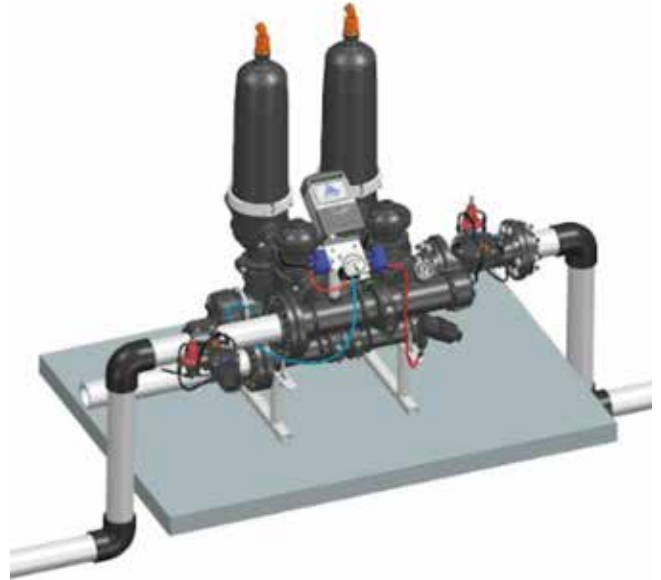


**WITH VERY
EFFECTIVE
SPRAY-JET
CLEANING
SYSTEM**

Simple, compact & cost effective fully automatic disc filter
to protect & improve the efficiency of your irrigation system.

Features

- Improve the efficiency of your irrigation system by safeguarding it against the impurities entering it & prevent the choking of the emitters.
- Fully automatic disc filter saves time, effort & energy.
- Less water & time requirement for back flushing. Flushing can be triggered by PD/TIME/Manual Mode.
- State of the art Automat “FILTER SMART” controller is equipped to operate filter very efficiently.
- New **Aqua Disc** automatic disc filter offers high cleaning efficiency.
- Easy to install with modular manifolds.



Applications

Agriculture

- For surface water containing algae and other organic contains coming from reservoirs, canals, rivers & waste water treatment plants.

Landscaping

- Turf irrigation systems, Institutional parks, residential complexes & sport fields.
- Golf courses.

Technical Specifications

Specifications	Available Models	
	AQUA DISC 40	AQUA DISC 80
Maximum Recommended Flow Rate*	40 m ³ /hr	80 m ³ /hr
Maximum Operating Pressure	10 bar	10 bar
Minimum Backwash Pressure	2 bar	2 bar
Filtration Surface Area	1620 cm ²	3240 cm ²
Inlet/Outlet Diameter	80 mm (3")	100 mm (4")
Maximum Working Temperature	60° C	60° C




* Depends on quality of water & Micron rating

Note: Greater than 3 ppm sand or silt may require primary filtration such as Hydro cyclone

Specifications	Connection Size	Available Model
		Aqua Disc 80
Inlet/Outlet connections	4" (100 mm)	Grooved/ Flanged

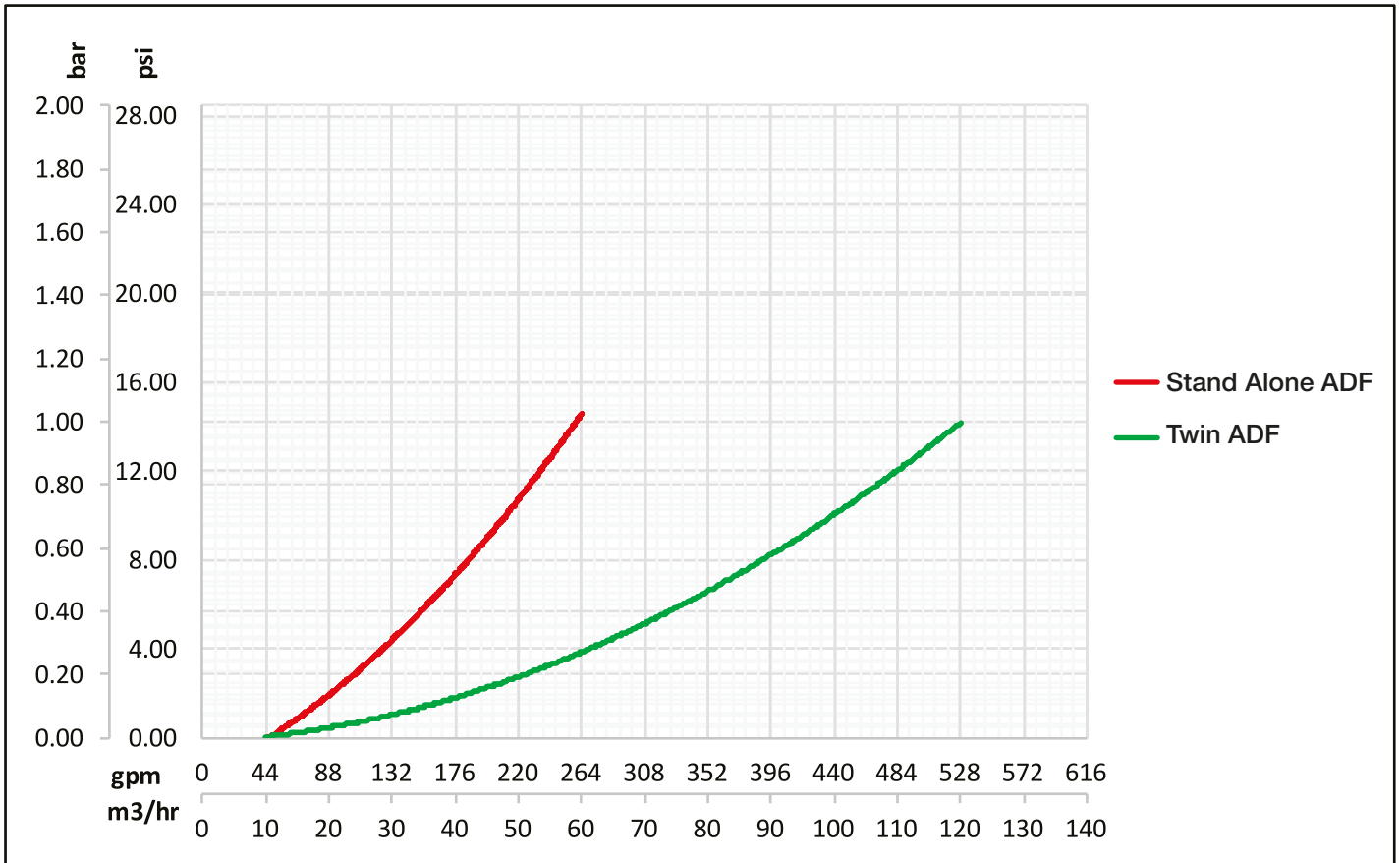
Specifications	Connection Size	Available Model
		Aqua Disc 40
Inlet/Outlet connections	3" (80 mm)	Flanged

BACK FLUSH DATA	
Back flush Valve	3" (80 mm)
Flushing Time	20 sec
Min. Backwash Flushing Flow (m ³ /hr)	12 m ³ /hr
Control and Electricity	
Rated Input Supply (To Controller)	6V DC / 12V DC

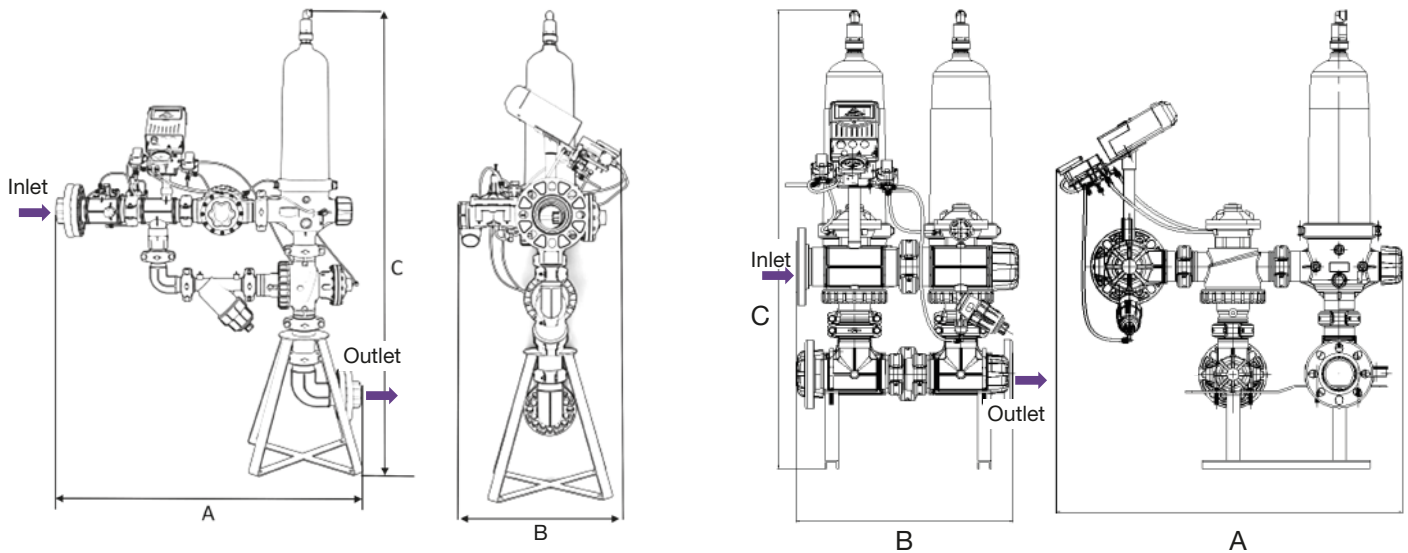
DISC FILTRATION DEGREE & MATERIAL			
Color Code			
Micron	200	130	100

Construction Materials:
PAGF, PPGF, PP, HDPE, NBR/EPDM, PE

Pressure Loss Chart (in clean water) 130 Micron



Dimensions



DIMENSIONS (mm)		STAND ALONE FILTER
A		940 mm
B		580 mm
C		1830 mm

DIMENSIONS (mm)		2 UNIT BATTERY
A		1032 mm
B		660 mm
C		1362 mm

