

Aqua **Disc**

Automatic Disc Filters






**INNOVATIVE
AND EFFECTIVE
SELF-CLEANING
'SPRAY-JET'
SYSTEM**

**Protect your Irrigation System with
Fully Automatic Disc Filters**

Features

- Newly innovative discs design delivers:
 - Excellent dirt retention capacity
 - Perfect protection for irrigation systems results in better uniformity & higher crops
 - Less wear and tear
- Superior Spray-Jet cleaning mechanism for excellent flushing at lower pressure
- Simple modular designed system to address any flow rates

MULTIPLE FILTRATION DEGREES			
Color Code			
Mesh/Micron	80/200	120/130	150/100



Single Unit ADF



Multiple Unit ADF

Applications

Agriculture

Irrigation systems using surface water containing algae and other organic contaminants coming from reservoirs, canals, ponds and rivers.

Landscaping

- Turf irrigation systems, Institutional parks, Residential complexes etc.
- Golf courses, Sports fields, etc.

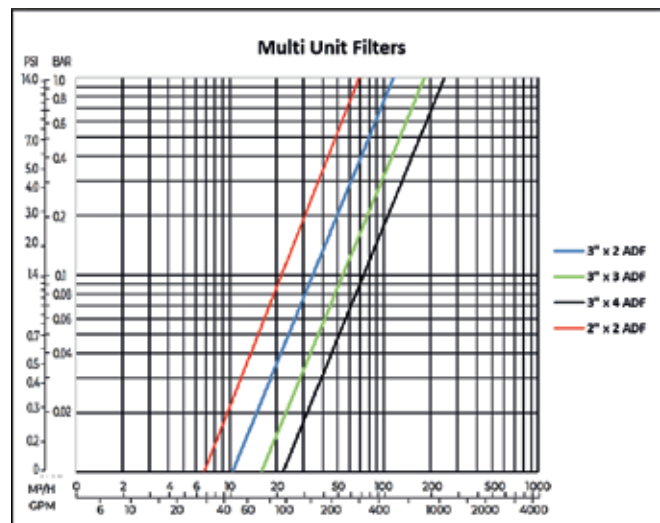
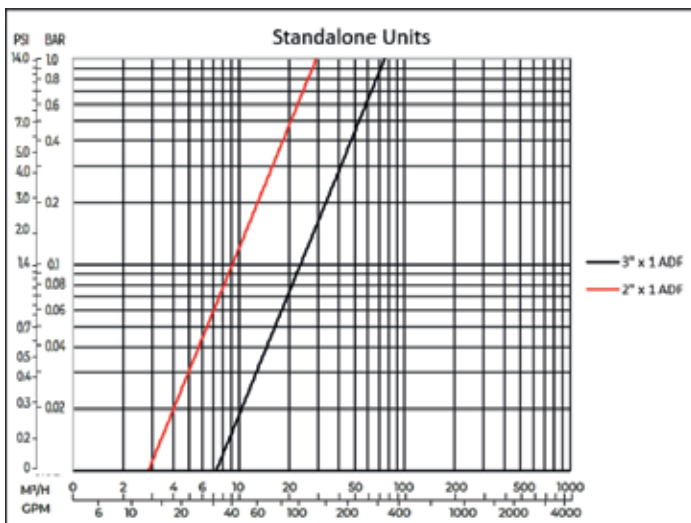


Technical Data

Specifications		AQUA DISC 25	AQUA DISC 50	AQUA DISC 35	AQUA DISC 70	AQUA DISC 105	AQUA DISC 140
		2"x1 Unit	2"x2 Units	3"x1 Unit	3"x2 Units	3"x3 Units	3"x4 Units
Connection Size (Inlet/Outlet)	Inch	2	3	3	4		6
	mm	50	80	80	100		150
Connection Type		Grooved/Flanged					
Maximum Recommended Flow Rate*	m ³ /hr	25	40	35	70	105	140
	GPM	110	106	154	308	462	616
Maximum Operating Pressure (bar/psi)		10/145					
Min. Backwash Pressure (bar/psi)		2/30					
Filtration Area	cm ²	1620	3240	1620	3240	4860	6480
	inch ²	251	502	251	502	753	1004
Material of Construction		All polymeric (PAGF, PPGF, PP, HDPE, NBR/EPDM, PE), St.					
Maximum Working Temperature (°C/°F)		60/140					
Power Input to Controller	By Power Adaptor	6V / 12V DC					
	By Batteries	6V By 4 x 1.5 "D" Size Alkaline Batteries					
Flushing Data							
Flush Duration Per Filter		30 seconds					
Flushing Flow	m ³ /hr	12					
Rate	GPM	53					

*Maximum flow rate is depended on the quality of water and filtration degree.

Head Loss Curve

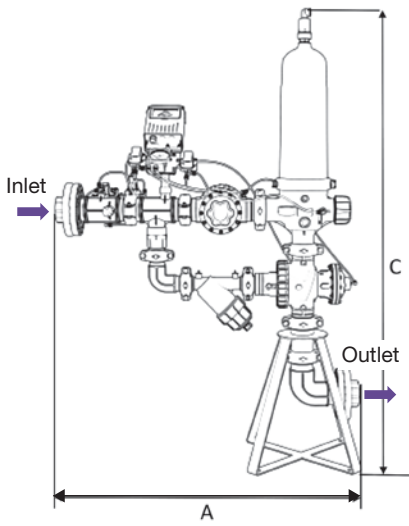


Standard Filtration Degree: 130 microns

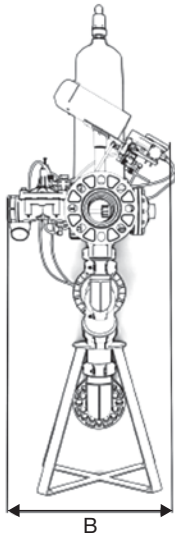
Dimensions

Single Unit Filter

Front View

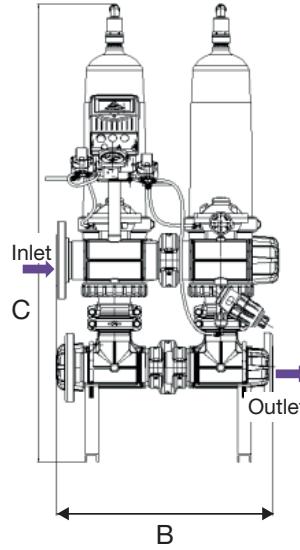


Side View

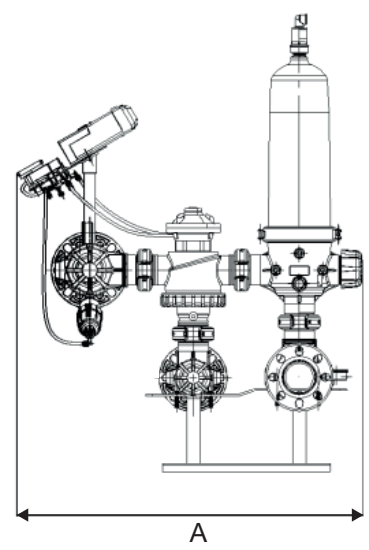


Multi Unit Filters

Front View



Side View



DIMENSIONS		AQUA DISC 25	AQUA DISC 50	AQUA DISC 35	AQUA DISC 70	AQUA DISC 105	AQUA DISC 140
		2" x 1 Unit	2" x 2 Units	3" x 1 Unit	3" x 2 Units	3" x 3 Units	3" x 4 Units
A	mm	1185	910	1150	1032	1032	1230
	inch	47	36	45	41	41	48
B	mm	560	710	670	910	1250	1410
	inch	22	28	26	36	49	56
C	mm	1710	1400	1830	1430	1430	1450
	inch	67	55	72	56	56	57



**Field
Installation
of Aqua Disc
Filter System**

