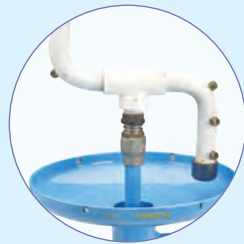


Rotoclean

Smart Clean Suction Filter



Features & Benefits



Hydraulically Powered Spray

Hydraulically powered spray rotor continuously spray trash / debris away from the screen



Special Stainless Steel

Special stainless steel screen provided for corrosion free performance



Standard Pure Polyester / Epoxy coating for Protecting from Corrosion

Coated up to 150 micron thick deep blue colored pure Polyester powder on outer surface & Epoxy coating from inner side for protection against corrosion and weather effects



Foot Valve Option

Can also be supplied with Foot Valve to prevent back flow of water

Rotoclean

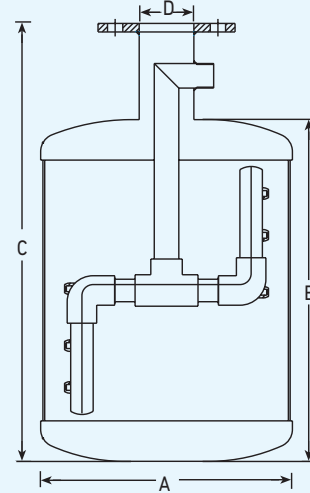
Additional Features

- Self cleaning suction filter.
- Flushing of screen using filtered water. Special provision of 3/4" screen filter to avoid plugging of nozzles.
- Constructed from mild steel body and stainless steel screen. Stainless steel body can be supplied on demand.
- Low frictional loss across the filter.
- Strong metal ribbed supported screen to avoid collapse due to suction pressure.
- Available in standard screen size of 400 micron. Other screen size can be supplied on demand.
- Maintains constant flow rate.
- Helps to improve system efficiency by reducing load on the micro irrigation filters.
- Low maintenance. Does not require frequent removal of suction pipe or cleaning of foot valve.
- Minimum operating pressure for spray rotors is 1 kg/cm² (14 psi).
- Protects pump and piping system damage and clogging due to physical impurities.
- Available in 2½", 3" and 4" sizes without foot valve. Please specify for Jain foot valve (plastic) or metal foot valve option while ordering.
- Standard end connections are BSP flanged. Please specify for other end connections.

Applications

- Recommended to use for water source having heavy load of algae, trash, sand and other debris.
- Best suitable for irrigation pumping lines running on open wells, reservoirs, ponds, tanks etc.

Dimensional Specifications



Nominal flow		A	B	C	D
m ³ /hr	gpm	mm	mm	mm	inch
25	95	250	300	450	2.5"
40	151	280	380	485	2.5"
50	189	316	500	620	3"
80	303	316	500	630	4"

Note: JFV – Jain Foot Valve, MFV – Metal Foot Valve

Technical Specifications

Type	Nominal flow		Inlet connection, BSP flanged	Return inlet size	Flange PCD	No. of Holes	Hole Dia.
	m ³ /hr	gpm					
Rotoclean	25	95	2"	3/4"	114.0	6	7.0
	40	151	2½"	3/4"	114.0	6	7.0
	50	189	3"	3/4"	137.0	8	7.0
	80	303	4"	3/4"	178.0	8	9.0
Rotoclean with Foot Valve	40	151	2½"	3/4"	127.0	4	17.0
	50	189	3"	3/4"	146.05	4	17.0
	80	303	4"	3/4"	177.8	8	17.0

Note: JFV – Jain Foot Valve, MFV – Metal Foot Valve

Ordering Specifications

RC	XX
	Inlet Connection, inch
	25 – 2½" BSP flange 30 – 3" BSP flange 40 – 4" BSP flange

Example: RC30 - This code represents Rotoclean Filter with 3" BSP Flanged inlet connection without foot valve option.

Note: For ordering Rotoclean filter with metal foot valve option add suffix 'MFV' and 'JFV' for Jain foot valve option to the above ordering specification.