

# Rotoclean

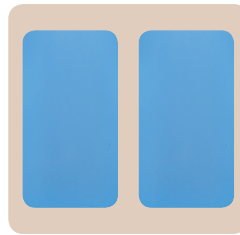
Smart Clean Suction Filter



## Features & Benefits

### Hydraulically Powered Spray

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



### Standard Pure Polyester / Epoxy coating for Protecting from Corrosion

Coated with more than 70 micron thick deep blue colored pure Polyester powder on outer surface & Epoxy coating from inner side for protection against corrosion and weather effects

### Special Stainless Steel

Special stainless steel screen provided for corrosion free performance



### 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/cm<sup>2</sup> (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.

## Technical Specifications

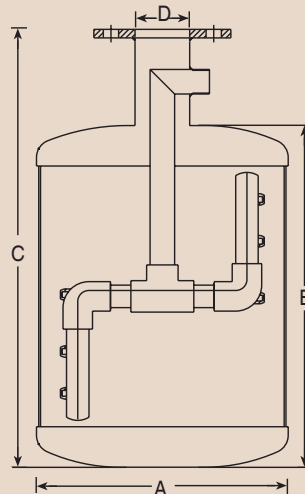
Type	Nominal flow		Inlet connection, BSP flanged	Return inlet size	Flange PCD	No. of Holes	Hole Dia.
	m <sup>3</sup> /hr	gpm					
Rotoclean	25	95	2"	3/4"	114.0	6	7.0
	40	151	2½"	3/4"	114.0	6	7.0
	50	189	3"	3/4"	137.0	8	7.0
	80	303	4"	3/4"	178.0	8	9.0
Rotoclean with Foot Valve	40	151	2½"	3/4"	127.0	4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

## Dimensional Specifications



Nominal flow		A	B	C	D
m <sup>3</sup> /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