

# SEMI AUTOMATIC DISC FILTER

2" & 3"

## Features

- Uniform Distribution of Flow into Filter Housing Optimizes Filtration Process
- Color Coded Discs Available for 80, 120 & 150 Mesh
- Clean Filtered Water Is Used for Backwashing, Which Prevents Contaminants to Enter The Filter During Back Flushing
- A Unique Differential Pressure Indicator Red Cap Pops Up to Indicate Filter Clogging During Operation
- Innovative Disc Cartridge Design Enables Loosening & Rotation of Discs During Back Flushing to Get Efficient Cleaning with High Pressure Water Jets
- Specially Designed Handle Requires Less Torque to Rotate It During Backwashing & Flushing Can Be Quickly Done by Simply Rotating Handle 90° In Clockwise Direction Which Saves Time
- Distinctive Check Valve Results in High Pressure Jets for Efficient Cleaning Of Discs During Back Washing
- High Spinning Effect by Disc Housing Fan Prevents Particles in Suspension to Get Deposited On the Disc Surface, Thereby Reducing Cleaning Frequency
- Grooved Disc Design with High Dimensional Consistency Allows More Than 95% Filter Efficiency



Specifications		
Model	2"-134T-SADF	3"-136T-SADF
	Metric Standard	Metric Standard
Inlet/outlet connection	50mm BSP male thread / Grooved/ Glanged End	80mm BSP male thread / Grooved/ Glanged End
Max. Working Pressure (PPGF Filter)	6 kg/cm <sup>2</sup>	6 kg/cm <sup>2</sup>
Range of Flow Rate	25-35 m <sup>3</sup> /h	35-45 m <sup>3</sup> /h
Nominal Flow Rate	25 m <sup>3</sup> /h	40 m <sup>3</sup> /h
Min. Recommended flush pressure	2 kg/cm <sup>2</sup>	2 kg/cm <sup>2</sup>
Filtration Surface area	1620 cm <sup>2</sup>	1620 cm <sup>2</sup>
Material of Construction	Glass Filled Polypropylene/	Glass Filled Polypropylene/
Material of Disc	Polypropylene Disc	Polypropylene Disc
Cartridge Diameter (With O-ring)	122 mm	122 mm
Cartridge Length	395 mm	395 mm
Available Mesh	80, 120, 150 mesh (Green, Red & Yellow Color)	
Flush Port	1.5" male Threaded (BSP/NPT)	
Flush Valve	1.5" - Flush Valve MxF (BSP / NPT threaded)	

