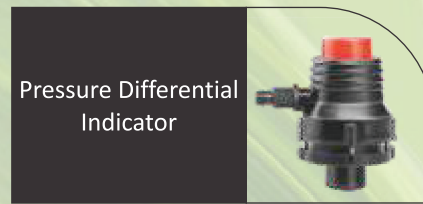


Semi Automatic Disc Filters

2" & 3"



Pressure Differential Indicator



Features

- flow passes through outside to Inside of Disc cartridge.
- Uniform distribution of flow into filter housing optimize filtration process.
- Filter designed for Pressure rating PN8 (8bar)
- 2 male threaded pressure port at the top for easy visibility of pressure.
- Disc cartridge enabled with spring loaded for full compression of disc and loosen during cleaning.
- Filter with Clogging indicator, Red pop up comes out at 0.6 kg/cm² pressure differential, indicated end user to clean filter manually.
- During cleaning operation, all inlet water passes through the pipe, and water jets removes dirt from the discs.
- Barrel with 1½" Drain port.
- Handle for 90 degree rotation for cleaning of disc without dismantling of filter.
- Disc housing fan gives hydro cyclonic effect which makes particles in suspension that reduces cleaning frequency.
- Grooved disc design with dimensional consistency proven with more than 95% filter efficiency

Specifications

Model	134T-SAD	136T-SAD
Max. Working Pressure	8 kg/cm ²	8 kg/cm ²
Recommended flow	417 lit/m (25m ³ /hr)	667 lit/m (40 m ³ /hr)
Range of Flow Rate	18-27 m ³ /hr	35-50 m ³ /hr
Filter Disc (standard)	120 mesh PP Red disc (Single Removable cartridge)	
Filtration Surface area	1080 cm ²	1590 cm ²
Inlet/outlet connection	2" BSP/NPT male thread	3" BSP/NPT male thread
Closing System	Stainless Steel/ Hybrid Clamp	
Distance between End connections	341mm	344mm
Filter height (With Ball Valve)	800mm	930mm
Filter width (With End Plug)	235mm	235mm
Cartridge Diameter	121mm	121mm
Cartridge Length	375mm	510mm
Drain Valve (1no.)	1½" Female x Female threaded	
End Plugs (1nos.)	¾" Male Threaded	

Cleaning Instructions

- Cleaning of the filter must be done when pressure differential across the disc filter reaches 0.6 kg/cm² (8.5psi) or when the clogging indicator red button pops up.
- Cleaning the semi-automatic filter must be done while the filter is under pressure.
- Gradually open the flushing valve below the filter.
- To start cleaning mode of filter, turn the handle (top of the filter) 90° degree in clockwise direction.
- Cleaning operation starts, system pressure might increase during cleaing operation.
- When cleaning operation done, first filter handle direction should be at filtration mode. And then flushing valve gradually close.
- In case the the filter is still clogged (pressure indicator button is up). Repeat the above steps for effective disc cleaning.

WARNING: In order to prevent water hammer (surge), always open or close filter handle valves in a gradual motion.