

Semi Automatic Screen Filters

2", 2½" & 3"

IS : 12785:1994



CM/L : 3006128

Pressure Differential Indicator



Can be used for Primary filtration in place of Sand Media Filters for small farm holdings



Features

- Available in
 2" BSP/NPT male thread connection : HT-124T-SA.
 2½" BSP/NPT male thread connection : HT-125T-SA.
 3" BSP/NPT male thread connection : HT-126T-SA.
- Body made of special chemically bonded polymer for durability.
- Non Corrosive SS-316 Stainless Steel Filter Mesh.
- Easy to install & Low Maintenance.

Specifications

Model No.	HT-124TSA	HT-125TSA	HT-126TSA
Mesh Size	120 Mesh/130 Micron	120 Mesh/130 Micron	120 Mesh/130 Micron
Filtering Cartridge	Stainless Steel Screen	Stainless Steel Screen	Stainless Steel Screen
Max. Pressure	8 Kg/cm ²	8 Kg/cm ²	8 Kg/cm ²
Range of Flow Rate	18-27 m ³ /hr	25-35 m ³ /hr	35-42 m ³ /hr
Nominal Flow Rate	25 m ³ /hr	30 m ³ /hr	40 m ³ /hr
Clean Pressure Drop	Max. 0.26 kg/cm ²	Max. 0.28 kg/cm ²	Max. 0.28 kg/cm ²
Filtration Surface Area	554 cm ²	831 cm ²	831 cm ²
Closing System	Stainless Steel Clamp	Stainless Steel Clamp	Stainless Steel Clamp
Cartridge Diameter	119 mm	119 mm	119 mm
Cartridge Length	252 mm	378 mm	378 mm

Cleaning Instructions

- Cleaning of the filter must be done when pressure differential across the screen reaches 0.5kg/cm² (7psi) or when the pressure indicator red button pops up.
- Cleaning the semi-automatic filter must be done while the filter is under pressure.
- Open the drain valve gradually.
- Rotate the handle gripper in clockwise direction 4 - 5 times and then rotate in anti-clockwise direction to finish the process. This is to be done online when the system is on.
- Close the valve gradually.
- In case the filter is still clogged (pressure indicator button is up). Repeat the above while the downstream valve of the filter is closed.

WARNING: To prevent water hammer (surge), always open and close upstream valve gradually.



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