

Y-Type Screen Filter

($\frac{3}{4}$ " & 1")



IS : 12785:1994



CM/L : 3006128

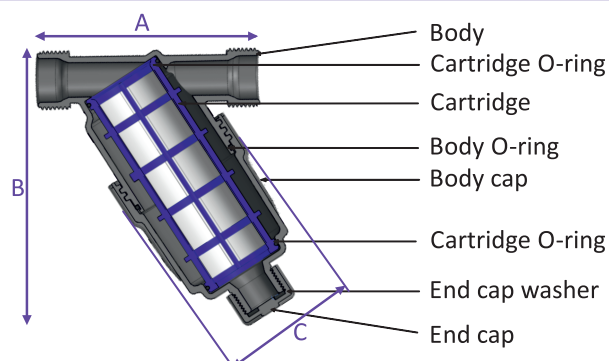
Features

- Surface sealing design: O-ring on periphery of filter body ensures proper sealing and prevents leakage.
- Flow passes from inside to outside of screen cartridge.
- Uniform distribution of flow into filter housing optimizes filtration process.
- Maximum operating pressure: PN-6
- Rustproof stainless steel (SS-316) screen mesh.
- Easy to open & close cap with smooth ribs on its periphery for better grip.
- Less space required to install the filter due to its compact design.
- Smooth ribs on periphery provides superior grip & allows easy opening & closing of cap.
- Due to its compact design less space is required to install the filter.

Applications

- Landscape & turf, kitchen garden, small nurseries:
 - Removes physical impurities which prevents clogging of emitting devices having small aperture.
- House hold water tank:
 - Removes physical impurities from water supply collected in roof top tanks.
 - It further helps in reducing the load on R.O filter & other appliances.

Sectional view



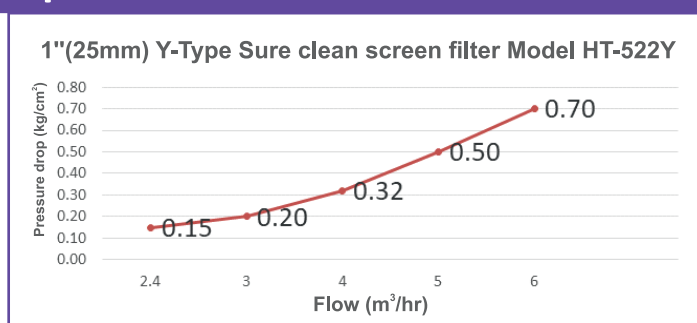
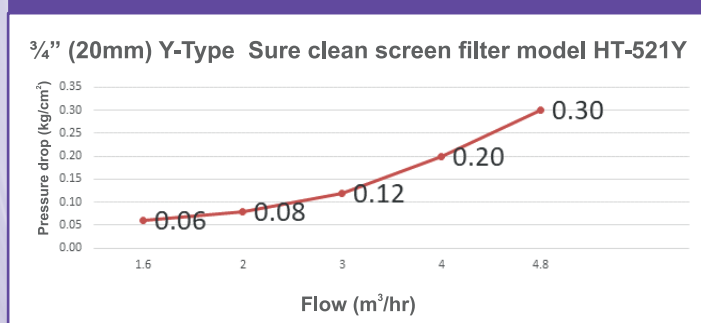
Product Dimensions

Sl	Category	HT-521 Y ($\frac{3}{4}$ ")	HT-522 Y (1")
1	Distance between end connections (A)	124 mm	125 mm
2	Filter height (B)	158 mm	158 mm
3	Filter width (C)	78 mm	78 mm
4	Cartridge diameter (With O-ring)	48.5 mm	48.5 mm
5	Cartridge length	130 mm	130 mm
6	Drain port	$\frac{3}{4}$ " Male Threaded	$\frac{3}{4}$ " Male Threaded

Technical Specifications

A	Technical Data	HT-521 Y	HT-522 Y
1	Nominal Size, mm (inch)	20 mm (¾")	25 mm (1")
2	Nominal Pressure	6 kg/cm ²	6 kg/cm ²
3	Inlet & Outlet Connection Type	Threaded	Threaded
4	Screen Mesh Size	Standard Mesh Size - 120 Mesh/ 130 Micron –Blue colour (Other mesh are also available) 80 Mesh/200 Micron –Black colour 150 Mesh/100 Micron –Red colour	Standard Mesh Size - 120 Mesh/ 130 Micron –Blue colour (Other mesh are also available) 80 Mesh/200 Micron –Black colour 150 Mesh/100 Micron –Red colour
5	Filtration Surface Area	151 cm ²	151 cm ²
B	Material of Construction		
1	Body and Cap	PPGF (Polypropylene Glass Filled)	PPGF (Polypropylene Glass Filled)
2	Screen Cartridge	PPGF+SS (Stainless Steel)	PPGF+SS (Stainless Steel)
C	Range of Recommended Flow Rate	2~4 m ³ /hr	3~5 m ³ /hr
D	Maximum Temperature	60 °C	60 °C
E	Safe Maximum Pressure Drop	0.12 kg/cm ² at 3 m ³ /hr	0.50 kg/cm ² at 5 m ³ /hr

Pressure Drop Curve



Note : Filters are not designed for online flushing