

MANTEL WATER FILTER

General information

Brand : MANTEL
 Housing Model : SMT-2513
 Filter Set : Sediment-Carbon GAC UDF – Inline 12”- Inline 10”
 Operate pressure : at least 30 psig
 In – out piping diameter : ¼ inch 10 inch

1st stage housing with : sediment filter

Filter Specification

Material : Polypropylene
 Micron rating : 5 um
 Pressure Drop : 0.04 Bar @ 20 L/min.
 MAX.OP.Temp. : 60 Celsius
 Dimension : ID = 25.4 mm. OD = 63 mm.
 MAX.OP.Pressure : 45 psi
 Application : Dust and sediment Sediment
 Above filter micron rating.

2nd stage housing with (GAC UDF) : granular activated carbon ultrafine depth filtration.

Filter Specification

Material : Carbon from Coconut shell
 Micron rating : 10-15 um
 Pressure Drop : 0.04 Bar @ 5 L/min.
 MAX.OP.Temp. : 55 Celsius
 Dimension : 78 mm.
 MAX.OP.Pressure : 45 psi
 Application : unpleasant odours and flavours from Water caused by chlorine and other organic substances; removal of pesticides, insecticides, chlorinate solvents.

3rd stage housing with : sediment filter

Filter Specification

Material : Polypropylene
 Micron rating : 1 um
 Pressure Drop : 0.05 Bar @ 5 L/min.
 MAX.OP.Temp. : 60 Celsius
 Dimension : ID = 25.4 mm. OD = 63 mm.
 MAX.OP.Pressure : 45 psi
 Application : Decolorize Dechlorine Taste & Oder

4th stage stage with Inline 12”

Product specification

Material : Activated carbon inline
 Inlet & Outlet : ¼ inch
 MAX.OP.Temp. : 37 Celsius
 Dimension : 63 mm.
 MAX.OP.Pressure : 125 psi
 Application : Decolorize Dechlorine Taste & Oder

5th stage stage with Inline 10” : Hydrogen-rich

Product specification

Connection : 1/4” Female thread
 Life time : 4000 liter
 Maximum flow : 2.8 lpm
 Maximum pressure : 8.62 bar
 Maximum temperature : 42°C
 Length : 10
 Diameter : 2”



Flow-Rates 300 – 450 Litre / hr.
Dimension : 150W-400L-400H



STEP 1 Sediment filter



STEP 2 Carbon GAC UDF



STEP 3 Sediment filter



STEP 4 Inline 12”



STEP 5 Hydrogen-rich 10”