

MANTEL WATER FILTER

General information

Brand	:	MANTEL
Housing Model	:	SMT-2510
Filter Set	:	Sediment-Carbon GAC UDF - Inline 12" - Inline 10"
Operate pressure	:	at least 30 psig
In - out piping diameter	:	¼ inch
Housing Height	:	10 inch

1st stage housing with sediment filter

Filter Specification	
Material	: Polypropylene
Micron rating	: 5 µm
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 µm
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 (CIF) : Carbon in filter

Filter Specification	
Material	: Carbon from Coconut shell
Micron rating	: 10 µm
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 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"

Product specification	
Material	: Activated inline
Inlet & Outlet	: ¼ inch
MAX.OP.Temp.	: 37 Celsius
Dimension	: 50 mm.
MAX.OP.Pressure	: 125 psi
Application	: Decolorize Dechlorine Taste & Oder



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



STEP 1 Sediment



STEP 2 Carbon GAC UDF



STEP 3 Carbon in filter



STEP 4 Inline 12"



STEP 5 Inline 10"