



FILTERS



Total Water Solutions

#48, Ground Floor, Pooja Layout (Next to NRI Layout),
Near Sundara Anjaneya Temple, Kalkere, Bangalore - 43.

Phone : 080- 65653322
Mobile : +91 99018 82231
Mail : info@watermax.co.in
Web : watermax.co.in

Filters

Watermax offer a wide range of filtration systems standardised on the basis of specific velocities for each type of filter. Filters are available with single 5-way valve operation & multiple valve operation with auto and manual mode depending on the flow rate & the application. Filters are available in MS (painted), FRP & and MSRL.

Watermax Pressure Sand Filter

The principal media in these filters is filtered sand. Other supporting media include pebbles of various sizes, crushed gravel and silex. The filters are widely appreciated for their reliable performance and efficiency

Advantages

- ◆ Very little maintenance required
- ◆ Lower backwash water requirement
- ◆ Available at FRP and MS Constructions
- ◆ Avail Auto and Manual Type

Applications

- ◆ Drinking water for residential colonies and commercial complexes.
- ◆ Pre-treatment for industrial water treatment Plants such as RO Plants, Softener and Demineralisation Plants and Swimming Pool.
- ◆ Food processing, beverages and mineral water Production

Technical Specifications

MODEL	FLOW RATE (M3/Hr)	SAND QTY (KGS)	VESSEL SIZE IN INCHES (DIA × HEIGHT)	LINE SIZES	MOC
MAX PSF – 500	500	30	10 × 54	3/4"	FRP
MAX PSF - 1000	1000	100	13 × 54	1'	FRP
MAX PSF - 2000	2000	150	16 × 65	1'	FRP
MAX PSF- 3000	3000	200	18 × 65	1'	FRP
MAX PSF - 4000	4000	250	21 × 62	1.5"	FRP
MAX PSF - 6000	6000	400	24 × 72	1.5"	FRP
MAX PSF - 7000	7000	650	30 × 72	1.5"	FRP
MAX PSF - 8000	8000	780	36 × 72	2"	FRP
MAX PSF- 10000	10000	900	40 × 72	2.5"	FRP

Specs will change without prior notice

Watermax Activated Carbon Filter

The activated carbon filters are widely used to remove colour, odour and excess chlorine present in the raw water. The principal media in these filters is activated carbon. Other supporting media include pebbles of various sizes, crushed gravel and silex. The activated carbon is a highly porous media. This property of carbon allows it to absorb the free chlorine in raw water. Also organic matter present in colloidal form is adsorbed in these pores. Thus odour emanating from raw water on account of these colloids is reduced.

Advantages

- ◆ Very little maintenance required.
- ◆ Easy to operate
- ◆ Available at FRP and MS Constructions
- ◆ Avail at Manual/Automatic

Applications

- ◆ Dechlorination of Water for Drinking and Industrial Applications
- ◆ Pre-treatment for industrial water treatment Plants such as RO Plants, Softener and De-Mineralisation Plants and Swimming Pool.
- ◆ Food processing, beverages and mineral water Production
- ◆ For Odour free water



Technical Specifications

MODEL	FLOW RATE (M3/HR)	SAND QTY (KGS)	VESSEL SIZE IN INCHES (DIA × HEIGHT)	LINE SIZES
MAX ACF – 500	500	20	10 × 54	3/4"
MAX ACF - 1000	1000	30	13 × 54	1'
MAX ACF - 2000	2000	50	16 × 65	1'
MAX ACF- 3000	3000	60	18 × 65	1'
MAX ACF - 4000	4000	90	21 × 62	1.5"
MAX ACF - 6000	6000	150	24 × 72	1.5"
MAX ACF - 7000	7000	220	30 × 72	1.5"
MAX ACF - 8000	8000	330	36 × 72	2"
MAX ACF- 10000	10000	420	40 × 72	2.5"



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