

INDION[®]

NG Series – New Generation Manual Activated Carbon Filters

The INDION NG series of manual activated carbon filters use granular activated carbon as media.

These filters are ideally suited for dechlorination of water with free chlorine content and for removal of organic matter. The free chlorine is reduced to “not detectable” levels.

Special Features

The NG series of activated carbon filters are aesthetic, light weight and easy to install.

Plastic constitutes a major portion of the materials of construction. The pressure vessel is made of fibre reinforced plastic (FRP), pipes of poly vinyl chloride (PVC) and all the filters have a single multi-port plastic valve operated by a hand lever except the smallest ones where plastic ball valves are used.

Advantages

- Light weight equipment, easy to install. Does not require concrete foundations.
- Single lever operated multi-port valve makes it user friendly and easy to operate.
- Plastic pressure vessel and piping do not require maintenance and are corrosion resistant.

Applications

- Dechlorination of water for industrial/drinking water applications.
- Removal of organic matter from water.



Specifications

- One FRP pressure vessel fitted with plastic internal fittings.
- One set of plastic frontal piping, linking multi-port valve/plastic ball valves to FRP vessel.
- One complete charge of suitable filter media with supporting underbed media.
- One pressure vessel.

Technical Specifications

Model	*NGMA-15	NGMA-30	NGMA-45	NGMA-65	NGMA-110	NGMA-160
Max. Flow (m³/h)						
Inlet Free Chlorine :						
(a) 1.0 ppm	1.5	3.0	4.5	6.5	11.0	16.0
(b) 3.5 ppm	1.1	2.3	3.5	5.0	8.3	11.8
Max. Working Pressure (kg/cm²g)	3.5	3.5	3.5	3.5	3.5	3.5
Dimensions						
Width (mm)	325	450	550	650	850	970
Height (mm)	2100	2200	2400	2500	3070	3070
Depth (mm)	500	800	900	1000	1200	1400
Weights						
Shipping weight (kg)	90	170	270	350	505	716
Working weight (kg)	325	450	550	650	850	970

* Uses plastic ball valves

Note : Feed water must be free from suspended impurities, oil and grease.

To the best of our knowledge the information contained in this publication is accurate. Ion Exchange (India) Ltd. maintains a policy of continuous development and reserves the right to amend the information given herein without notice. Please contact our regional offices for current product specifications.

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