



# Filter Unit : FS Type and FC Type

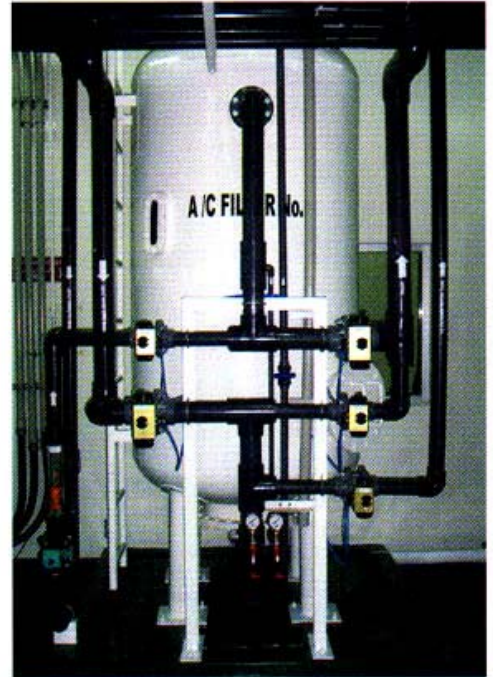
High Efficiency of Filtration with Various Types of Filling Media

## Introduction

It is generally known that sand filter is applied for removal of suspended solid, turbidity whereas activated carbon is applied for adsorption of residual chlorine and organic matter even oxidizing agent or organic solvent. Our filter unit has been designed to use conveniently with a variety of filling media such as sand and activated carbon, which we can select the media to serve suitably your application with either manual type or automatic type.

## Features

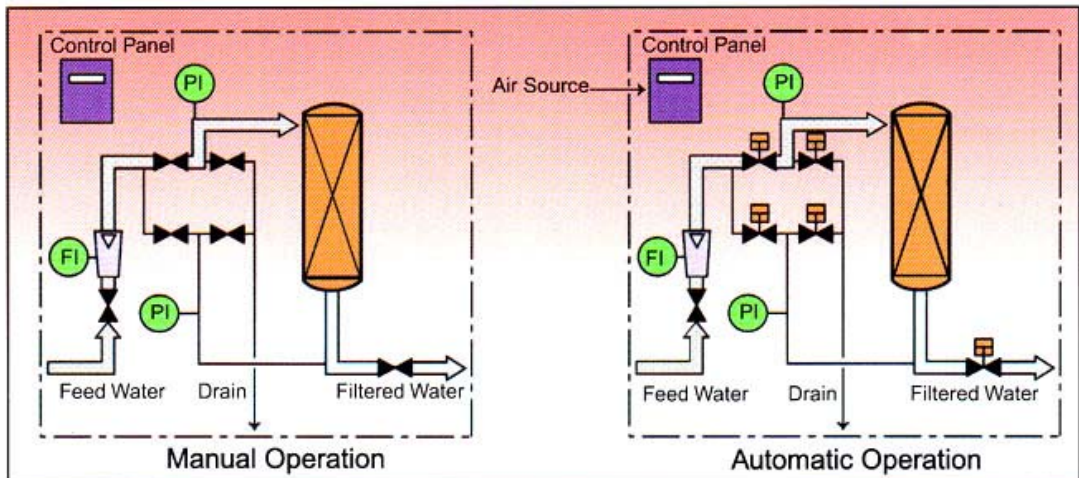
- Optimal design to remove the impurities efficiently
- Serve your requirement with various types of filling media
- Use high grade of filling media
- Lining with epoxy inside the filter tank for corrosive prevention
- Available with either manual type or automatic type
- Easy combination with other equipment units such as chemical feeding unit, DI skid, etc



## Applications

- Treatment for drinking water
- Pretreatment for pure water treatment
- Pretreatment for reverse osmosis system
- Pretreatment of industrial water for boiler, processing and cooling tower
- Treatment of recycling water for cooling tower
- Tertiary treatment of sewage and domestic wastewater
- Others

## Flow Diagram





## Sand Filter : FS Type

Model	Filter Diameter (mm)	Straight Height (mm)	Service Flow (m <sup>3</sup> /Hr)	Backwash Flow (m <sup>3</sup> /Hr)	Media Volume (L)	Product Weight (Kg)	Operating Weight (Kg)	Dimension (W x D x H)
FS-35	350	1525	1.0	3.5	60	410	520	1600 x 950 x 2000
FS-43	430	1525	1.5	5.0	90	540	690	1600 x 950 x 2000
FS-53	530	1525	2.0	7.5	140	740	970	1800 x 1200 x 2000
FS-58	580	1525	3.0	9.0	160	890	1160	2100 x 1200 x 2000
FS-67	675	1525	4.0	12.0	220	1120	1480	2100 x 1500 x 2000
FS-77	770	1525	5.0	15.5	280	1380	1840	2300 x 1500 x 2000
FS-87	870	1525	6.0	20.0	360	1690	2270	2300 x 1700 x 2000
FS-96	965	1525	8.0	24.5	440	2040	2740	2400 x 1800 x 2000

\* Wide range of product besides above items are available.

\* All designs and specifications will be subject to change with or without prior notice.

## Activated Carbon Filter : FC Type

Model	Filter Diameter (mm)	Straight Height (mm)	Service Flow (m <sup>3</sup> /Hr)	Backwash Flow (m <sup>3</sup> /Hr)	Media Volume (L)	Product Weight (Kg)	Operating Weight (Kg)	Dimension (W x D x H)
FC-35	350	1525	1.0	3.0	60	240	350	1600 x 950 x 2000
FC-43	430	1525	1.5	4.5	90	280	440	1600 x 950 x 2000
FC-53	530	1525	2.0	7.0	140	350	580	1800 x 1200 x 2000
FC-58	580	1525	3.0	8.0	160	430	700	2100 x 1200 x 2000
FC-67	675	1525	4.0	11.0	220	510	870	2100 x 1500 x 2000
FC-77	770	1525	5.0	14.0	280	580	1040	2300 x 1500 x 2000
FC-87	870	1525	6.0	18.0	360	670	1250	2300 x 1700 x 2000
FC-96	965	1525	8.0	22.0	440	780	1480	2400 x 1800 x 2000

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