

Droplet® **FRP MULTI CARTRIDGE FILTER HOUSING**

INNOVATIVE HIGH FLOW CORROSION FREE FILTRATION SYSTEM



SAHARA INDUSTRY, India's leading manufacturer and supplier of Multi Cartridge Filter Housing is a pioneer in this segment. The FRP Multi Cartridge Filter Housing has excellent anti-corrosion capabilities with wide range of chemical compatibility and resistance to UV and atmospheric oxygen while bearing the high pressure of 10kg/cm².

Compared with products made from stainless steel, the FRP housing has various advantages in terms of being light weight, low cost and rust free. The FRP filter housing has the highest operating pressure compared to PVC filter housings. We have introduced the FRP filter housing to the world that has highest flow rate and operating pressure of upto 10kg/cm².

The filter housing is made from 100% FRP material and can effectively replace stainless steel / PVC housing and work smoothly in corrosive harsh operating conditions.

APPLICATIONS

 Water Filtration	 Pharmaceutical
 Oil & Gas	 Industrial Filtration
 Food & Beverages	 Chemical Processing
 Power Plants	 Marine Filters
 Commercial Building	 Swimming Pool
 Paper Industry	 Hospitals
 Dairy Industry	 Textile Industry



FEATURES & BENEFITS

- Wide Chemical Compatibility.
- 100% Corrosion Free.
- FRP Construction offers longer life.
- Molded construction for product consistency.
- Quick lock plate closure.
- Equipped with filter holddown assembly to avoid bypass
- Maximum operating pressure
- Maximum operating temperature up to 60°C
- Easy installation - cartridge and bag filter change out.

FROM THE HOUSE OF

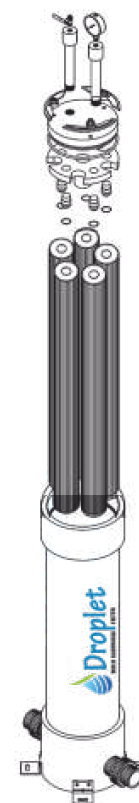


SAHARA INDUSTRY
Innovation Beyond Your Imagination

Specification: Droplet Multi Cartridge Filter Housing

Material	Housing Sump/Top Housing Lock "O"-ring/Gasket	Fibre-reinforced plastic (FRP) Stainless Steel EPDM / Silicon (others on request)
Suitable Cartridge Filter	Size	Size 2.5"x 20", Size 2.5" x 30", Size 2.5" x 40"
Configuration	Connection Type Connection Size	Union / Flange 1.5", 2" & 2.5"
Operating Conditions	Maximum operating pressure Hydro-test pressure Operating temperature range	10 bar (150 psi) @ 21°C (69.8°F) 15 bar (225 PSI) 4°C (39.2°F) to 60°C (140°F)

Model	Material	Filter Element Numbers	Fiber Element Sizes	Reference Flow
Size: 20"X2.5"				
DROPLET 20X5	FRP	5	20"X2.5	8-10M ³ /hr
DROPLET 20X7	FRP	7	20"X2.5	13-14M ³ /hr
DROPLET 20X7	FRP	9	20"X2.5	17-18M ³ /hr
Size: 30"X2.5"				
DROPLET 30X7	FRP	5	30"X2.5	13-15M ³ /hr
DROPLET 30X7	FRP	7	30"X2.5	18-21M ³ /hr
DROPLET 30X7	FRP	9	30"X2.5	24-27M ³ /hr
Size: 40"X2.5"				
DROPLET 40X5	FRP	5	40"X2.5	18-20M ³ /hr
DROPLET 30X7	FRP	7	40"X2.5	26-28M ³ /hr
DROPLET 40X7	FRP	9	40"X2.5	34-36M ³ /hr



Corporate Office:

