



30VRHFD120



20VRHFD120

Materials

Body	Reinforced Polypropylene
Insert Ports	Brass
Cartridge Discs	Polypropylene
Clamp	Stainless Steel
Disc Shaft	Reinforced Nylon/ Polypropylene

Applications

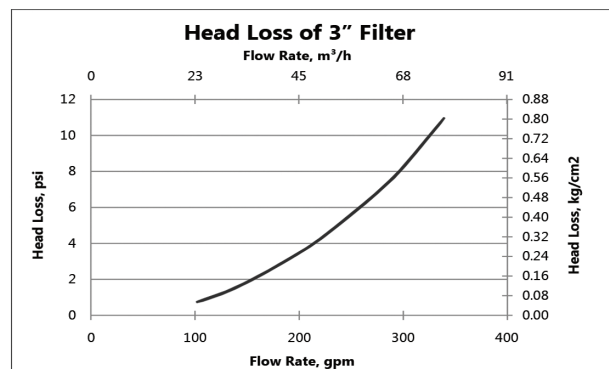
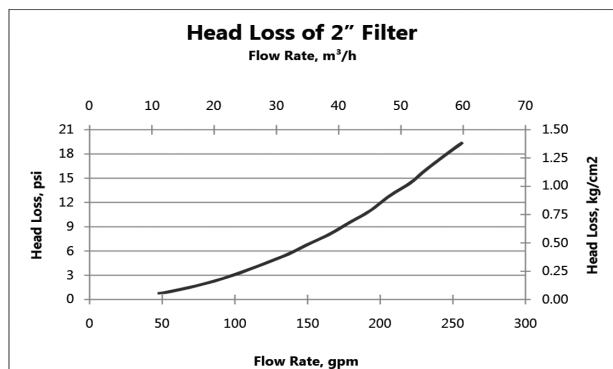
- As a primary filter or as a back-up filter downstream of a sand media filter, sand separator, or as a zone filter.
- Drip, micro sprinklers and sprinkler systems (check the filtration requirement of the system).
- For filtration of both ground and surface water.
- Limitations on sediments and organic contents may apply.

Features & Benefits

- Body made of reinforced Polypropylene for durability.
- T-configuration makes installation easier for combining multiple filters.
- Easy to open the disc chamber by unlocking the stainless steel spring loaded clamp.
- Three way valve assembly for easy monitoring of the inlet and outlet pressure.
- Helix effect to separate solid particles.
- Manual and automatic filter systems available upon request.

Description	2"	3"
Closing System	Stainless Steel Clamp	
Max Pressure, psi / kg/cm ²	150 / 10.5	150 / 10.5
Disc Mesh Size	120	120
Range of Flow Rate, gpm	96 - 154	198 - 228
Range of Flow Rate, m ³ /h	21.8 - 35.0	45.0 - 51.8
Nominal Flow Rate, gpm / m ³ /h	132 / 30	220 / 50
Pressure Drop @Nominal, psi / kg/cm ²	4.2 / 0.3	4.2 / 0.3
Filtration Surface Area, sq.in. / sq.cm	184 / 1187	262 / 1690
Cartridge Diameter, in. / cm	5.14 / 13.1	5.14 / 13.1
Cartridge Length, in. / cm	15.5 / 39.4	20.2 / 51.3
Weight, lb / kg	13.4 / 6.1	17.1 / 7.8

*Also available in 80 and 150 mesh



V-Rain® Plastic Filters



Applications

- As a primary filter or as a back-up filter downstream of an injector, or as a zone filter.
- Drip, micro sprinklers, and sprinkler systems (check the filtration requirement of the system).
- Ideally suited for agricultural, greenhouse, nursery, and landscape application.

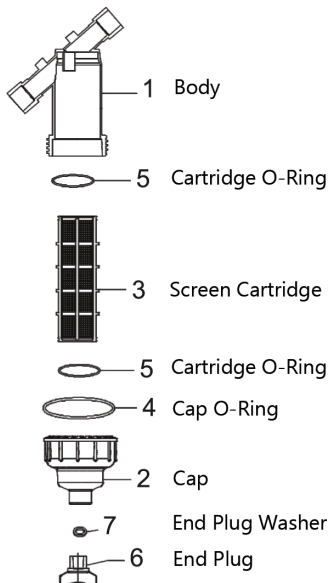
Features & Benefits

- Body made of highest quality polypropylene for durability and corrosion resistance.
- Y-configuration makes installation easier for combining multiple filters.
- Easy installation feature for pressure gauge or Schrader valve on inlet and outlet sides.
- Easy grip bottom helps with quick disconnect and trouble-free maintenance.
- Available with ½" male twist on/off cap for quick flushing or optionally ½" valve (for below 35 psi).

Part #s	3/4"	1"	1 1/2"	2"
80 mesh	FLT75080SSF-P	FLT100080SSF-P	FLT150080SSF-P	FLT200080SSF-P
120 mesh	FLT75120SSF-P	FLT100120SSF-P	FLT150120SSF-P	FLT2000120SSF-P

Materials

Body	Reinforced Polypropylene
Filtering Cartridge	Stainless Steel Screen



Description	3/4" & 1"	1 1/2"	2"
Max Pressure, psi / kg/cm ²	85 / 6	85 / 6	85 / 6
Disc Mesh Size	80, 120, 150	80, 120, 150	80, 120, 150
Range of Flow Rate, gpm	18 - 26	53 - 70	79 - 97
Range of Flow Rate, m ³ /h	4 - 6	12 - 16	18 - 22
Nominal Flow Rate, gpm / m ³ /h	22 / 5	66 / 15	88 / 20
Pressure Drop @Nominal, psi / kg/cm ²	4.2 / 0.3	2.5 / 0.18	4.2 / 0.3
Filtration Surface Area, sq.in. / sq.cm	18.6 / 120	45.7 / 295	45.7 / 295
Cartridge Diameter, in. / cm	1.89 / 4.8	2.72 / 6.9	2.72 / 6.9
Cartridge Length, in. / cm	5.91 / 15	8.74 / 22.2	8.74 / 22.2

Flow Loss					
Flow m ³ /hr	2	3	4	5	6
Pressure Loss kg/cm ²	0.06	0.11	0.2	0.3	0.43
Flow GPM	10	15	17	20	25
Pressure Loss PSI	0.93	1.69	2.73	4.10	5.92

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