

Iron Removal Filters

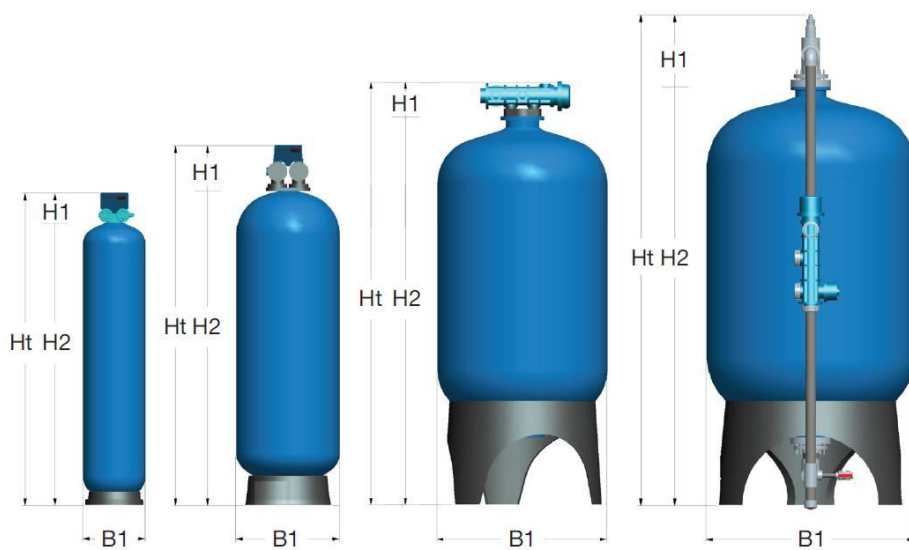


Fig. 1

Fig. 2

Fig. 3

Fig. 4

Dimensions (mm)

MODEL	Valve H1	Vessel H2	Vessel B1	Filter Ht	Inlet / Outlet	Drawing No
SIRF09	195	1387	257	1582	1"	Fig. 1
SIRF18	195	1374	334	1569	1"	Fig. 1
SIRF22	195	1660	369	1855	1¼"	Fig. 1
SIRF36	370	1660	406	2030	1½"	Fig. 2
SIRF45	370	1750	469	2120	1½"	Fig. 2
SIRF54	370	1640	552	2010	1½"	Fig. 2
SIRF72	260	1890	610	2150	1½"	Fig. 3
SIRF100	260	2300	770	2560	1½"	Fig. 3
SIRF145	N/A	2350	927	2550	2"SM*	Fig. 4

*SM denotes side mounted valve

General Conditions for installation

Electrical Rating	230 - 24V / 50 HZ
Power Rating	4.6VA
Minimum Inlet Pressure	200 kPa (2 Bar)
Maximum Inlet Pressure	700 kPa (7 Bar)
Vacuum	Not Permitted
Average Pressure Loss	100 kPa (1 Bar)
Maximum Water Temperature	43°C
Operating pH Range	5.0 - 9.0
Screen Size	12 x 40

Media

Type	Filox R (75% - 85% Manganese Dioxide)
Life span	Dependent on frequency of backwashing and site conditions

Backwash

Start	Programmable backwash time & day interval
Manual	Manual operation as required

Specification

Model	SIRF09	SIRF18	SIRF22	SIRF36	SIRF45
Service flow rate m ³ /hr	0.9	1.8	2.2	3.6	4.5
Backwash flow rate m ³ /hr	1.8	3.1	3.5	4.7	5.9
Media Volume cu ft	1	2	2.5	4	6
Vessel Diameter	10"	13"	14"	16"	18"
Model	SIRF54	SIRF72	SIRF100	SIRF145	
Service flow rate m ³ /hr	5.4	7.2	10.0	14.5	
Backwash flow rate m ³ /hr	8.9	11.8	16	24	
Media Volume cu ft	6	8	11	16	
Vessel Diameter	21"	24"	30"	36"	



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