Siata pH Filters

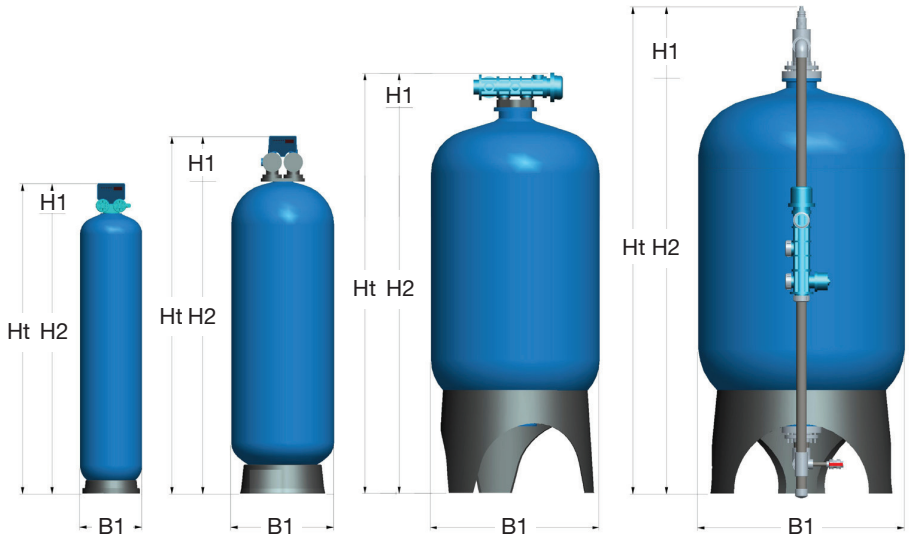

Fig. 1 Fig. 2 Fig. 3 Fig. 4

Dimensions (mm)

Model Reference	Valve H1	Vessel H2	Vessel B1	Filter Ht	Inlet/ Outlet	Drawing No
SIF132STE10MM	195	1387	257	1582	1"	Fig. 1
SIF132STE13MM	195	1374	334	1569	1"	Fig. 1
SIF132STE14MM	195	1660	369	1855	1"	Fig. 1
SIF132STE16MM	195	1660	406	1855	1"	Fig. 1
SIS230STE18MM	195	1750	469	1945	1¼"	Fig. 1
SIS250STE21MM	370	1640	552	2010	1½"	Fig. 1
SIS250STE24MM	370	1890	610	2260	1½"	Fig. 2
SIS250STE30MM	370	2050	770	2420	1½"	Fig. 2
SIS351STE36MM	370	2350	927	2720	1½"	Fig. 3
SIS363STE42MM	N/A	2435	1074	2635	2" SM*	Fig. 4

* SM denotes side mounted valve

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General conditions for installation

Connection Inlet & Outlet	V132F :	1”
	V230F :	1¼” Union
	V250F/V351F :	1½” Union
	V363 :	2” Union
Electrical Rating	:	230-12V / 50 Hz
Power Rating	:	4.6 VA
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 - 7
Size	:	1.0 - 2.0mm
Operating Conditions	Increase of Hardness :	per 10ppm CO^2 consumed the increase is 23ppm as $CaCO^3$
	Consumption :	2.5g Aqua-Juraperle per gram of CO^2 consumed
Media analysis	$CaCO^3$:	99.10%
	SiO^2 :	0.34%
	Fe^2O^3 :	0.039%

Media

Type	:	Aqua-Juraperle (99.1% Calcium carbonate)
Life Span	:	Dependent on frequency of backwashing and site conditions

Specification					
Vessel Diameter	10"	13"	14"	16"	18"
Service flow rate m^3/hr	0.6	1.1	1.2	1.5	1.9
Backwash flow rate m^3/hr	1.2	2.3	2.4	3.2	4.1

Vessel Diameter	21"	24"	30"	36"	42"
Service flow rate m^3/hr	2.6	3.5	5.4	7.8	10.7
Backwash flow rate m^3/hr	5.2	7.3	11.4	16.4	22.3

Regeneration

Start	:	Programmable regeneration time + day interval
Manual	:	Manual operation as required