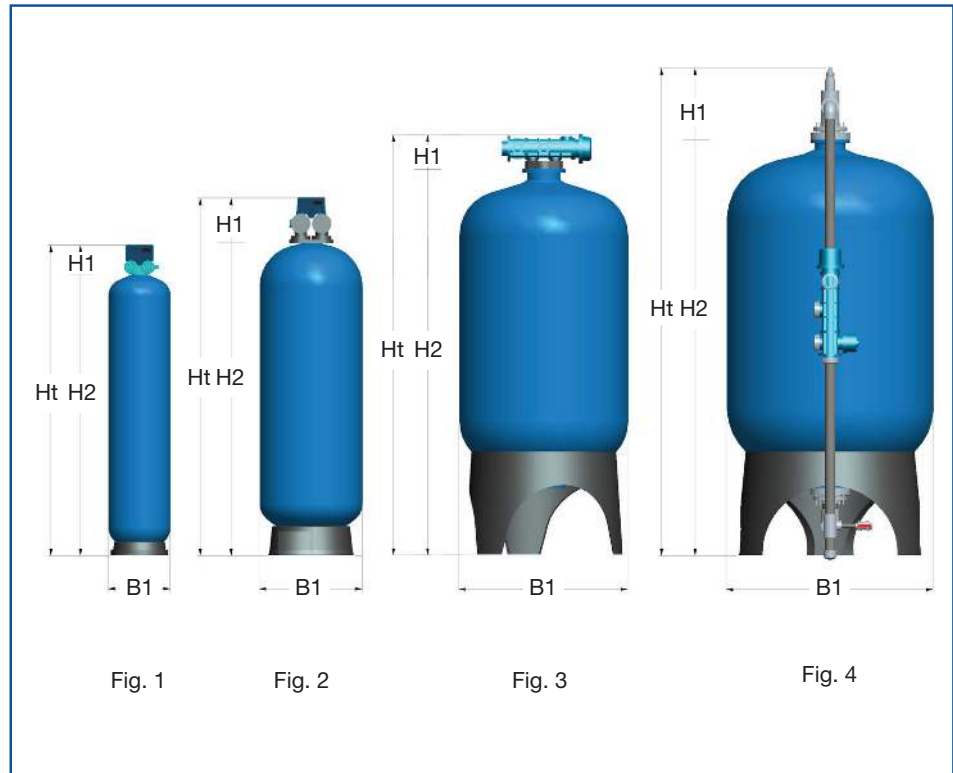


# Siata Filox R Filters



Dimensions (mm)						
Model Reference	Valve H1	Vessel H2	Vessel B1	Filter Ht	Inlet/Outlet	Drawing No
SIF132STE10FR	195	1387	257	1582	1"	Fig. 1
SIF132STE13FR	195	1374	334	1569	1"	Fig. 1
SIF230STE14FR	195	1660	369	1855	1¼"	Fig. 1
SIF250STE16FR	370	1660	406	2030	1½"	Fig. 2
SIF250STE18FR	370	1750	469	2120	1½"	Fig. 2
SIF250STE21FR	370	1640	552	2010	1½"	Fig. 2
SIF351STE24FR	260	1890	610	2150	1½"	Fig. 3
SIF351STE30FR	260	2300	770	2560	1½"	Fig. 3
SIF363STE36FR	N/A	2350	927	2550	2" SM*	Fig. 4

\* SM denotes side mounted valve



# Siata Filox R Filters

## General conditions for installation

Connection Inlet & Outlet	V132F : 1"
	V230F : 1¼" Union
	V250/V351 : 1½" Union
	V363 : 2" Union
Electrical Rating	: 230-12V / 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
Removal Capacity @ Exhaustion	Iron : 27 ppm
	Manganese : 11 ppm
	Hydrogen Sulfide : 17 ppm

## Media

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

Specification					
Vessel Diameter	10"	13"	14"	16"	18"
Media Volume cu ft	1	2	2.5	4	5
Service flow rate m³/hr	0.9	1.8	2.2	3.6	4.5
Backwash flow rate m³/hr	1.8	3.1	3.5	4.7	5.9
Vessel Diameter	21"	24"	30"	36"	
Media Volume cu ft	6	8	11	16	
Service flow rate m³/hr	5.4	7.2	10.0	14.5	
Backwash flow rate m³/hr	8.8	11.8	16	24	

## Regeneration

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

