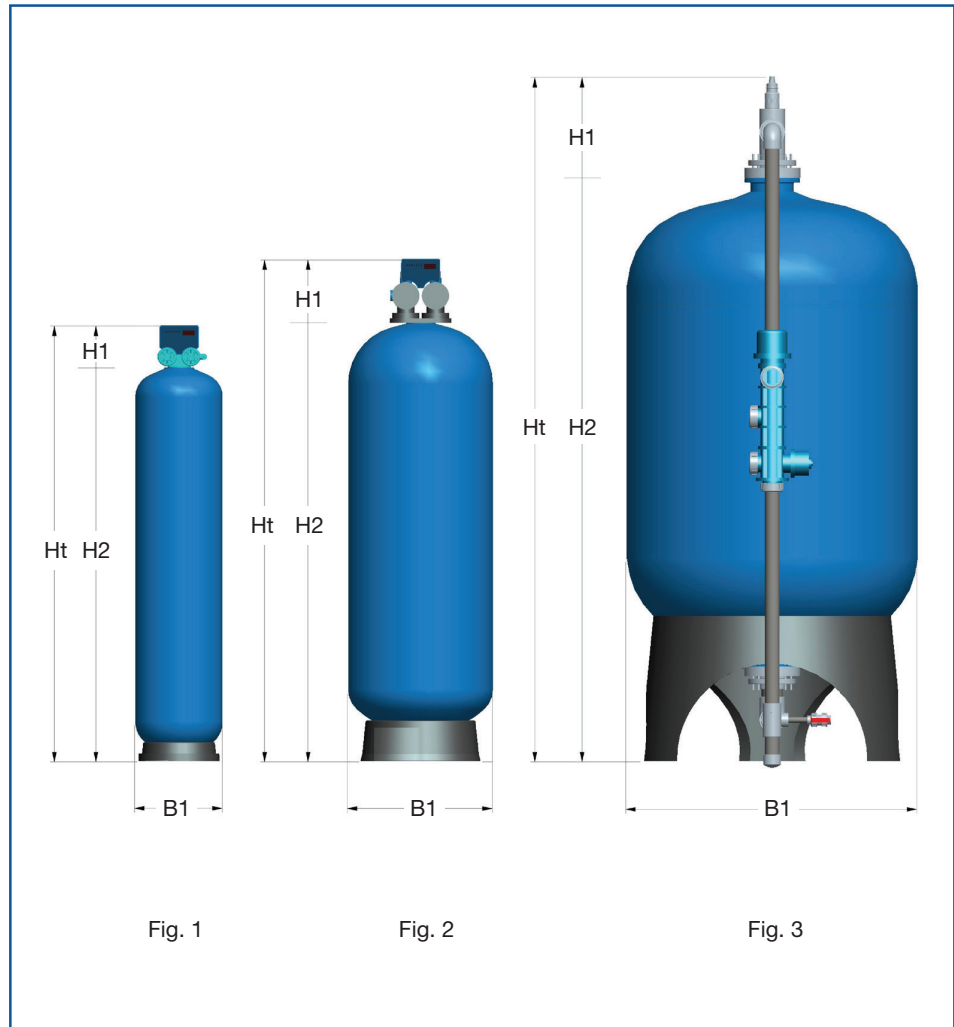


# Siata AC Filters



Dimensions (mm)						
Model Reference	Valve H1	Vessel H2	Vessel B1	Filter Ht	Inlet/Outlet	Drawing No
SIF132F10AC	195	1387	257	1582	1"	Fig. 1
SIF132F13AC	195	1374	334	1569	1"	Fig. 1
SIF132F14AC	195	1660	369	1855	1"	Fig. 1
SIF132F16AC	195	1660	406	1855	1"	Fig. 1
SIF230F18AC	195	1750	469	1945	1¼"	Fig. 1
SIF250F21AC	370	1640	552	2010	1½"	Fig. 2
SIF250F24AC	370	1890	610	2260	1½"	Fig. 2
SIF250F30AC	370	2300	770	2670	1½"	Fig. 2
SIF250F36AC	370	2350	927	2550	1½"	Fig. 2
SIF363F42AC	N/A	2435	1074	2635	2" SM*	Fig. 3

\* SM denotes side mounted valve



# Siata AC Filters

## General conditions for installation

Connection Inlet & Outlet	V132F : 1"
	V230F : 1¼" Union
	V250F : 1½" Union
	V363F : 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

## Media

Type	: Coconut Shell Carbon
	: 3 - 5mm Support Gravel
Life Span	: Dependent on frequency of backwashing and site conditions

## Specification

Vessel Diameter	10"	13"	14"	16"	18"
Service flow rate m <sup>3</sup> /hr	0.5	0.75	1.0	1.5	1.9
Backwash flow rate m <sup>3</sup> /hr	0.75	1.1	1.5	2.3	3

Vessel Diameter	21"	24"	30"	36"	42"
Service flow rate m <sup>3</sup> /hr	2.25	3.25	5.0	7.5	10.0
Backwash flow rate m <sup>3</sup> /hr	3.0	4.75	7.5	11.0	15.0

## Regeneration

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

## Operating Conditions

For organic and colour removal 6 mins contact time

For dechlorination 3 mins contact time (flow rates may be doubled)

