



## SIATA AC FILTERS

DIMENSIONS (MM)						
Model Reference	Valve H1	Vessel H2	Vessel B1	Filter Ht	Inlet/Outlet	Drawing No
SIF132SFEC10AC	195	1387	257	1582	1"	Fig. 1
SIF132SFEC13AC	195	1374	334	1569	1"	Fig. 1
SIF132SFEC14AC	195	1660	369	1855	1"	Fig. 1
SIF132SFEC16AC	195	1660	406	1855	1"	Fig. 1
SIF230SFEC18AC	195	1750	469	1945	1¼"	Fig. 1
SIF250SFEC21AC	370	1640	552	2010	1½"	Fig. 2
SIF250SFEC24AC	370	1890	610	2260	1½"	Fig. 2
SIF250SFEC30AC	370	2300	770	2670	1½"	Fig. 2
SIF250SFEC36AC	370	2350	927	2550	1½"	Fig. 2

TIME CLOCK	
SIF132SFEC10AC	V132F Activated Carbon Filter Kit, 10" x 54" tank, 0.6m <sup>3</sup> /hr
SIF132SFEC13AC	V132F Activated Carbon Filter Kit, 13" x 54" tank, 0.7m <sup>3</sup> /hr
SIF132SFEC14AC	V132F Activated Carbon Filter Kit, 14" x 65" tank, 1.0m <sup>3</sup> /h
SIF132SFEC16AC	V132F Activated Carbon Filter Kit, 16" x 65" tank, 1.4m <sup>3</sup> /hr
SIF230SFEC18AC	V230F Activated Carbon Filter Kit, 18" x 65" tank, 1.9m <sup>3</sup> /hr
SIF250SFEC21AC	V250F Activated Carbon Filter Kit, 21" x 60" tank, 2.2m <sup>3</sup> /hr
SIF250SFEC24AC	V250F Activated Carbon Filter Kit, 24" x 69" tank, 3.2m <sup>3</sup> /hr
SIF250SFEC30AC	V250F Activated Carbon Filter Kit, 30" x 72" tank, 4.5m <sup>3</sup> /hr
SIF250SFEC36AC	V250F Activated Carbon Filter Kit, 36" x 78" tank, 6.5m <sup>3</sup> /hr

OPTIONS	
V132 NBP Assy	1" Aquamatic Valve. Complete with Limit Stop and Fitting Kit
V230/V250 NBP Assy	1½" Aquamatic Valve. Complete with Limit Stop and Fitting Kit

## GENERAL CONDITIONS FOR INSTALLATION

Connection Inlet & Outlet	V132F	1"
	V230F	1¼" Union
	V250F	1½" 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	0.4	0.7	1.0	1.4	1.9
Backwash flow rate m <sup>3</sup> /hr	0.5	1.0	1.2	1.5	2.2
Vessel Diameter	21"	24"	30"	36"	
Service flow rate m <sup>3</sup> /hr	2.2	3.2	4.5	6.5	
Backwash flow rate m <sup>3</sup> /hr	2.6	3.4	5.3	7.7	

## 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).