



## SIATA MM FILTERS

DIMENSIONS (MM)						
Model Reference	Valve H1	Vessel H2	Vessel B1	Filter Ht	Inlet/Outlet	Drawing No
SIF132SFEC10MM	195	1387	257	1582	1"	Fig. 1
SIF132SFEC13MM	195	1374	334	1569	1"	Fig. 1
SIF132SFEC14MM	195	1660	369	1855	1"	Fig. 1
SIF132SFEC16MM	195	1660	406	1855	1"	Fig. 1
SIF230SFEC18MM	195	1750	469	1945	1¼"	Fig. 1
SIF250SFEC21MM	370	1640	552	2010	1½"	Fig. 2
SIF250SFEC24MM	370	1890	610	2260	1½"	Fig. 2
SIF250SFEC30MM	370	2050	770	2420	1½"	Fig. 2

TIME CLOCK		
SIF132SFEC10MM	V132F Multi-Media Filter Kit, 10" x 54" tank, 0.6m <sup>3</sup> /hr	
SIF132SFEC13MM	V132F Multi-Media Filter Kit, 13" x 54" tank, 1.1m <sup>3</sup> /hr	
SIF132SFEC14MM	V132F Multi-Media Filter Kit, 14" x 65" tank, 1.2m <sup>3</sup> /h	
SIF132SFEC16MM	V132F Multi-Media Filter Kit, 16" x 65" tank, 1.5m <sup>3</sup> /hr	
SIF230SFEC18MM	V230F Multi-Media Filter Kit, 18" x 65" tank, 1.9m <sup>3</sup> /hr	
SIF250SFEC21MM	V250F Multi-Media Filter Kit, 21" x 60" tank, 2.6m <sup>3</sup> /hr	
SIF250SFEC24MM	V250F Multi-Media Filter Kit, 24" x 75" tank, 3.5m <sup>3</sup> /hr	
SIF250SFEC30MM	V250F Multi-Media Filter Kit, 30" x 78" tank, 5.4m <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
	V250	1½" Union
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

## MEDIA

Type	Anthracite
	0.8 - 1.25mm Filter Sand
	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	0.6	1.1	1.2	1.5	1.9
Backwash flow rate m <sup>3</sup> /hr	1.2	2.3	2.4	3.2	4.1
Vessel Diameter	21"	24"	30"		
Service flow rate m <sup>3</sup> /hr	2.6	3.5	5.4		
Backwash flow rate m <sup>3</sup> /hr	5.2	7.3	11.4		

## REGENERATION

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