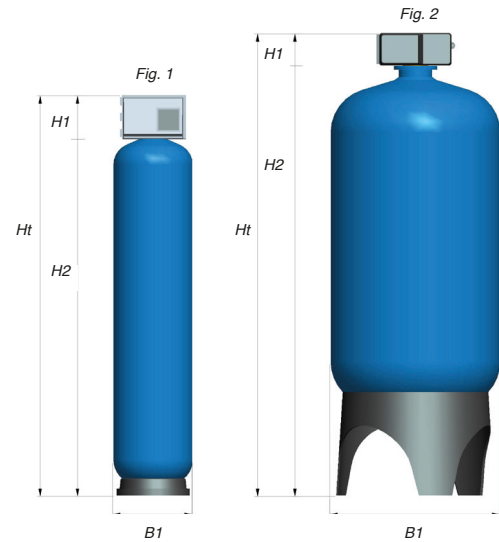


FLECK AFM FILTERS

GENERAL CONDITIONS FOR INSTALLATION

Connection	Inlet & Outlet	Drain
5800	1" BSPM	1/2"
2750	1" BSPM	3/4"
2850	1 1/2" BSPF	3/4"
3150	2" BSPF	2"
Electrical Rating	230-24V / 50 Hz	
Power Rating	55 watts	
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	



DIMENSIONS (MM)

Model Reference	Valve H1	Vessel H2	Vessel B1	Filter HT	Inlet/ Outlet	Drawing No
FLF58SXTC10AFM	220	1387	257	1607	1"	Fig. 1
FLF27SXTC13AFM	220	1374	341	1594	1"	Fig. 1
FLF27SXTC14AFM	220	1660	369	1880	1"	Fig. 1
FLF27SXTC16AFM	220	1660	406	1880	1"	Fig. 1
FLF28SXTC18AFM	220	1750	469	1970	1.5"	Fig. 1
FLF28SXTC21AFM	220	1640	552	1860	1.5"	Fig. 1
FLF28SXTC24AFM	220	1890	610	2110	1.5"	Fig. 1
FLF31NXTC30AFM	200	2050	770	2250	2"	Fig. 2
FLF31NXTC36AFM	200	2350	927	2550	2"	Fig. 2

SPECIFICATION

FLOW RATE						
Vessel Diameter		10"	13"	14"	16"	18"
Service flow rate	m ³ /hr	1.1	1.7	2.1	2.5	3.5
Backwash flow rate	m ³ /hr	1.6	2.7	3.4	4.5	5.7

Vessel Diameter		21"	24"	30"	36"
Service flow rate	m ³ /hr	4.7	5.8	9.3	13.6
Backwash flow rate	m ³ /hr	6.8	9.1	13.6	20.5

REGENERATION

Start	Programmable regeneration time + day interval
Manual	Manual operation as required
Operating conditions	Superior mechanical filtration up to 1µm particles (95% removal). Self sterilizing surface resistant to bacterial growth

MEDIA

Type	AFM is an inert, amorphous aluminosilicate (glass) manufactured by up-cycling green and brown glass.
Life span	10 to 20 years