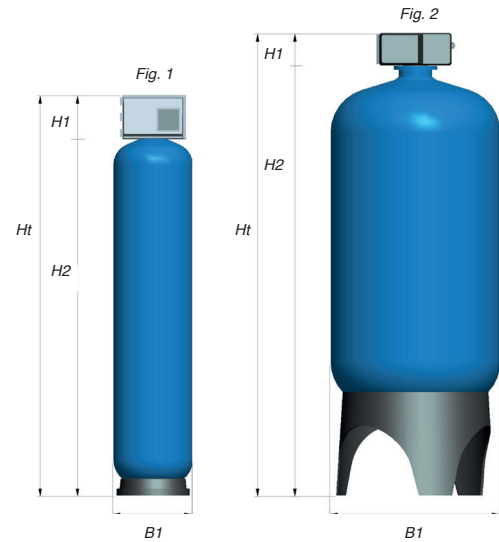


FLECK AC FILTERS

GENERAL CONDITIONS FOR INSTALLATION

Connection Inlet & Outlet	
5800 / 2750	1" BSPM
2850	1½" BSPF
3150	2" BSPF
Drain Connection	¾" BSPF
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
FLF58SXTC10AC	220	1387	257	1607	1"	Fig. 1
FLF58SXTC13AC	220	1374	341	1594	1"	Fig. 1
FLF58SXTC14AC	220	1660	369	1880	1"	Fig. 1
FLF58SXTC16AC	220	1660	406	1880	1"	Fig. 1
FLF27SXTC18AC	220	1750	469	1970	1"	Fig. 1
FLF27SXTC21AC	220	1640	552	1860	1"	Fig. 1
FLF27SXTC24AC	220	1890	610	2110	1"	Fig. 1
FLF28SXTC30AC	220	2050	770	2270	1½"	Fig. 1
FLF31NXTC36AC	200	2350	927	2550	2"	Fig. 2
FLF31NXTC42AC	200	2435	1074	2635	2"	Fig. 2

SPECIFICATION

FLOW RATE						
Vessel Diameter		10"	13"	14"	16"	18"
Service flow rate	m ³ /hr	0.4	0.7	1.0	1.4	1.9
Backwash flow rate	m ³ /hr	0.5	1.0	1.2	1.5	2.2
Vessel Diameter		21"	24"	30"	36"	42"
Service flow rate	m ³ /hr	2.2	3.2	4.5	6.5	10.0
Backwash flow rate	m ³ /hr	2.6	3.4	5.3	7.7	10.5

REGENERATION

Start	Immediately after reaching the set capacity
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).

MEDIA

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