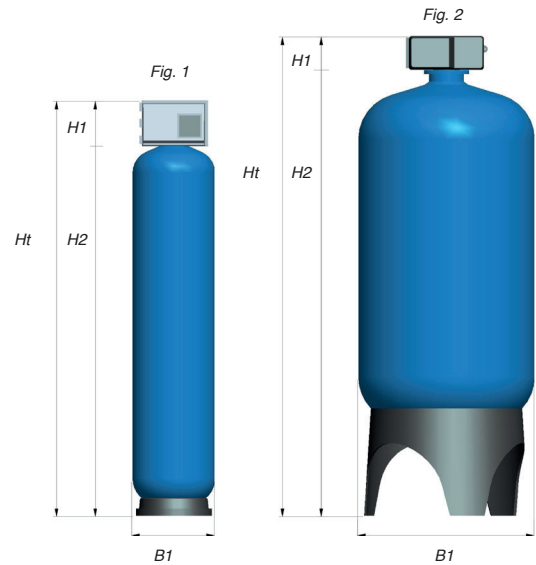


FLECK PH FILTERS

GENERAL CONDITIONS FOR INSTALLATION

Connection Inlet & Outlet		
5800 / 2750		1" BSP
2850		1½" BSP
3150		2" BSP
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
Operating pH Range		5.0 - 7.0
Size		1.0 - 2.0 mm
Media analysis	CaCO ³	99.10 %
	SiO ²	0.34 %
	Fe ² O ³	0.039 %



DIMENSIONS (MM)

Model Reference	Valve H1	Vessel H2	Vessel B1	Filter HT	Inlet/ Outlet	Drawing No
FLF27SXTC10FR	220	1387	257	1607	1"	Fig. 1
FLF27SXTC13FR	220	1374	334	1594	1"	Fig. 1
FLF27SXTC14FR	220	1660	369	1880	1"	Fig. 1
FLF28SXTC16FR	220	1660	406	1880	1½"	Fig. 1
FLF28SXTC18FR	220	1750	469	1970	1½"	Fig. 1
FLF31SXTC21FR	220	1640	552	1880	1½"	Fig. 1
FLF31SXTC24FR	200	2230	610	2430	2"	Fig. 2
FLF31SXTC30FR	200	2300	770	2500	2"	Fig. 2
FLF31SXTC36FR	200	2350	927	2550	2"	Fig. 2

SPECIFICATION

FLOW RATE						
Vessel Diameter		10"	13"	14"	16"	18"
Service flow rate	m ³ /hr	0.6	1.0	1.2	1.5	1.9
Backwash flow rate	m ³ /hr	1.2	2.0	2.4	3.2	4.1
Vessel Diameter		21"	24"	30"	36"	42"
Service flow rate	m ³ /hr	2.6	3.5	5.4	7.8	10.7
Backwash flow rate	m ³ /hr	5.2	7.3	11.4	16.4	22.3

REGENERATION

Start	Programmable regeneration time + day interval
Manual	Manual operation as required
Operating conditions	Increase of Hardness : per 10ppm CO ² consumed the increase is 23ppm as CaCO ³ Consumption : 2.5g Aqua-Juraperle per gram of CO ² consumed

MEDIA

Type	Aqua-Juraperle (99,1% Calcium carbonate)
Life Span	Dependent on frequency of backwashing and site conditions