



FLECK PH FILTERS

DIMENSIONS (MM)						
Model Reference	Valve H1	Vessel H2	Vessel B1	Filter Ht	Inlet/Outlet	Drawing No
FLF58SXTC10PH	220	1387	257	1607	1"	Fig. 1
FLF58SXTC13PH	220	1374	334	1594	1"	Fig. 1
FLF58SXTC14PH	220	1660	369	1880	1"	Fig. 1
FLF58SXTC16PH	220	1660	406	1880	1"	Fig. 1
FLF27SXTC18PH	220	1750	469	1970	1"	Fig. 1
FLF28SXTC21PH	220	1640	552	1860	1½"	Fig. 1
FLF28SXTC24PH	220	1890	610	2110	1½"	Fig. 1
FLF31NXTC30PH	200	2300	770	2500	2"	Fig. 2
FLF31NXTC36PH	200	2350	927	2550	2"	Fig. 2
FLF31NXTC42PH	200	2435	1074	2635	2"	Fig. 2

TIME CLOCK	
FLF58SXTC10PH	5800 pH Correction Filter Kit, 10" x 54" tank, 0.6m ³ /hr
FLF58SXTC13PH	5800 pH Correction Filter Kit, 13" x 54" tank, 1.1m ³ /hr
FLF58SXTC14PH	5800 pH Correction Filter Kit, 14" x 65" tank, 1.2m ³ /h
FLF58SXTC16PH	5800 pH Correction Filter Kit, 16" x 65" tank, 1.5m ³ /hr
FLF27SXTC18PH	2750 pH Correction Filter Kit, 18" x 65" tank, 1.9m ³ /hr
FLF28SXTC21PH	2850 pH Correction Filter Kit, 21" x 60" tank, 2.6m ³ /hr
FLF28SXTC24PH	2850 pH Correction Filter Kit, 24" x 69" tank, 3.5m ³ /hr
FLF31NXTC30PH	3150 pH Correction Filter Kit, 30" x 78" tank, 5.4m ³ /hr
FLF31NXTC36PH	3150 pH Correction Filter Kit, 36" x 78" tank, 7.8m ³ /hr
FLF31NXTC42PH	3150 pH Correction Filter Kit, 42" x 78" tank, 10.7m ³ /hr

OPTIONS	
2750 NBP	NBP Piston Option - add-on price
2850 NBP	2850 Valve - add-on price
3150 NBP	3150 Valve - add-on price
	Auxiliary Microswitch

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 - 7
Size		1.0 - 2.0mm
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 analysis	CaCO ³	99.10%
	SiO ²	0.34%
	Fe ² O ³	0.039%

MEDIA

Type	Aqua-Juraperle (99.1% Calcium carbonate)
Life Span	Dependent on frequency of backwashing and site conditions

SPECIFICATION

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