



FLECK FILOX R FILTERS

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
FLF31NXTC21FR	220	1640	552	1880	1½"	Fig. 1
FLF31NXTC24FR	200	2230	610	2430	2"	Fig. 2
FLF31NXTC30FR	200	2300	770	2500	2"	Fig. 2
FLF31NXTC36FR	200	2350	927	2550	2"	Fig. 2

TIME CLOCK	
FLF27SXTC10FR	2750 Filox R Iron Removal Filter Kit, 10" x 54" tank, 0.9m ³ /hr
FLF27SXTC13FR	2750 Filox R Iron Removal Filter Kit, 13" x 54" tank, 1.8m ³ /hr
FLF27SXTC14FR	2750 Filox R Iron Removal Filter Kit, 14" x 65" tank, 2.2m ³ /h
FLF28SXTC16FR	2850 Filox R Iron Removal Filter Kit, 16" x 65" tank, 3.6m ³ /hr
FLF28SXTC18FR	2850 Filox R Iron Removal Filter Kit, 18" x 65" tank, 4.5m ³ /hr
FLF31NXTC21FR	3150 Filox R Iron Removal Filter Kit, 21" x 66" tank, 5.4m ³ /hr
FLF31NXTC24FR	3150 Filox R Iron Removal Filter Kit, 24" x 75" tank, 7.2m ³ /hr
FLF31NXTC30FR	3150 Filox R Iron Removal Filter Kit, 30" x 78" tank, 10m ³ /hr
FLF31NXTC36FR	3150 Filox R Iron Removal Filter Kit, 36" x 78" tank, 14.5m 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	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 - 9.0
Screen Size		12 x 40
Removal Capacity @ Exhaustion	Iron	27 ppm
	Manganese	11 ppm
	Hydrogen Sulfide	17 ppm

MEDIA

Type	Filox R (75% - 85%% Manganese Dioxide)
Life Span	Dependent on frequency of backwashing and site conditions

SPECIFICATION					
Vessel Diameter	10"	13"	14"	16"	18"
Media Volume cu ft	1	2	2.5	4	5
Service flow rate m ³ /hr	0.9	1.8	2.2	3.6	4.5
Backwash flow rate m ³ /hr	1.8	3.1	3.5	4.7	5.9
Vessel Diameter	21"	24"	30"	36"	
Media Volume cu ft	6	8	11	17.5	
Service flow rate m ³ /hr	5.4	7.2	10.0	14.5	
Backwash flow rate m ³ /hr	8.8	11.8	16	24	

REGENERATION

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