



## FLECK TURBIDEX FILTERS

DIMENSIONS (MM)						
Model Reference	Valve H1	Vessel H2	Vessel B1	Filter Ht	Inlet/Outlet	Drawing No
FLF27SXTC10TX	220	1387	257	1607	1"	Fig. 1
FLF27SXTC13TX	220	1374	334	1594	1"	Fig. 1
FLF27SXTC14TX	220	1660	369	1880	1"	Fig. 1
FLF28SXTC16TX	220	1660	406	1880	1½"	Fig. 1
FLF28SXTC18TX	220	1750	469	1970	1½"	Fig. 1
FLF28SXTC21TX	220	1640	552	1880	1½"	Fig. 1
FLF31NXTC24TX	200	2230	610	2430	2"	Fig. 2
FLF31NXTC30TX	200	2300	770	2500	2"	Fig. 2
FLF31NXTC36TX	200	2350	927	2550	2"	Fig. 2

TIME CLOCK	
FLF27SXTC10TX	2750 Turbidex Filter Kit, 10" x 54" tank, 1.5m <sup>3</sup> /hr
FLF27SXTC13TX	2750 Turbidex Filter Kit, 13" x 54" tank, 2.5m <sup>3</sup> /hr
FLF27SXTC14TX	2750 Turbidex Filter Kit, 14" x 65" tank, 3.0m <sup>3</sup> /hr
FLF28SXTC16TX	2850 Turbidex Filter Kit, 16" x 65" tank, 3.7m <sup>3</sup> /hr
FLF28SXTC18TX	2850 Turbidex Filter Kit, 18" x 65" tank, 4.8m <sup>3</sup> /hr
FLF28SXTC21TX	2850 Turbidex Filter Kit, 21" x 60" tank, 6.6m <sup>3</sup> /hr
FLF31NXTC24TX	3150 Turbidex Filter Kit, 24" x 75" tank, 8.6m <sup>3</sup> /hr
FLF31NXTC30TX	3150 Turbidex Filter Kit, 30" x 78" tank, 13m <sup>3</sup> /hr
FLF31NXTC36TX	3150 Turbidex Filter Kit, 36" x 78" tank, 19m <sup>3</sup> /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

## MEDIA

Type	Turbidex
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 <sup>3</sup> /hr	1.5	2.5	3	3.7	4.8
Backwash flow rate m <sup>3</sup> /hr	1.8	3.1	3.5	4.7	5.9
Vessel Diameter	21"	24"	30"	36"	
Media Volume cu ft	7	8	11	16	
Service flow rate m <sup>3</sup> /hr	6.6	8.6	13	19	
Backwash flow rate m <sup>3</sup> /hr	8.2	11	17	24	

## REGENERATION

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