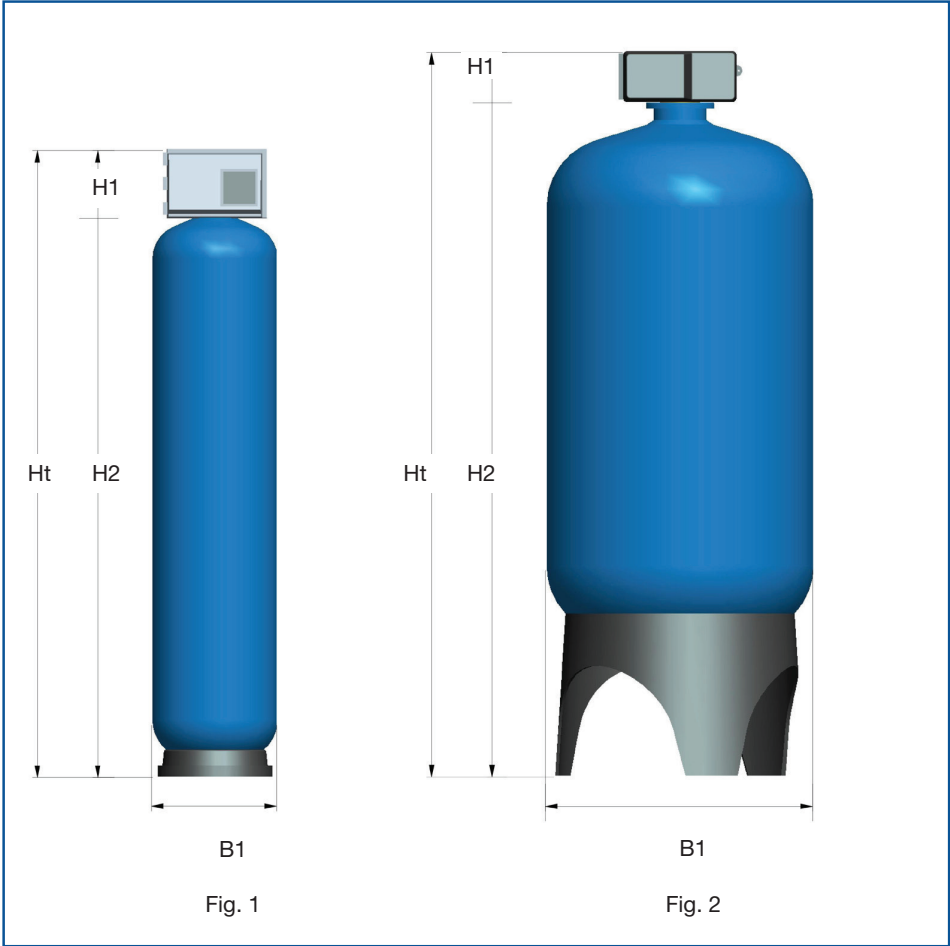


Fleck Birm Filters



Dimensions (mm)

Model Reference	Valve H1	Vessel H2	Vessel B1	Filter Ht	Inlet/Outlet	Drawing No
FLF25C10BR	220	1387	257	1607	1"	Fig. 1
FLF25C13BR	220	1374	334	1594	1"	Fig. 1
FLF25C14BR	220	1660	369	1880	1"	Fig. 1
FLF25C16BR	220	1660	406	1880	1"	Fig. 1
FLF27C18BR	220	1750	469	1970	1"	Fig. 1
FLF28C21BR	220	1640	552	1860	1½"	Fig. 1
FLF31C24BR	200	2230	610	2430	2"	Fig. 2
FLF31C30BR	200	2300	770	2500	2"	Fig. 2
FLF31C36BR	200	2350	927	2550	2"	Fig. 2
FLF31C42BR	200	2435	1074	2635	2"	Fig. 2

Fleck Birm Filters

General conditions for installation

Connection Inlet & Outlet	2510 / 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 Conditions	:	Dissolved Oxygen (DO) content must be equal to at least 15% of the iron (or iron and manganese) content.

Media

Type	:	Birm
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	3	5
Service flow rate m³/hr	0.6	1.1	1.2	1.5	1.9
Backwash flow rate m³/hr	1.2	2.3	2.4	3.2	4.1
Vessel Diameter	21"	24"	30"	36"	42"
Media Volume cu ft	6	8	14	20	28
Service flow rate m³/hr	2.6	3.5	5.4	7.8	10.7
Backwash flow rate m³/hr	5.2	7.3	11.4	16.4	22.3

Regeneration

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