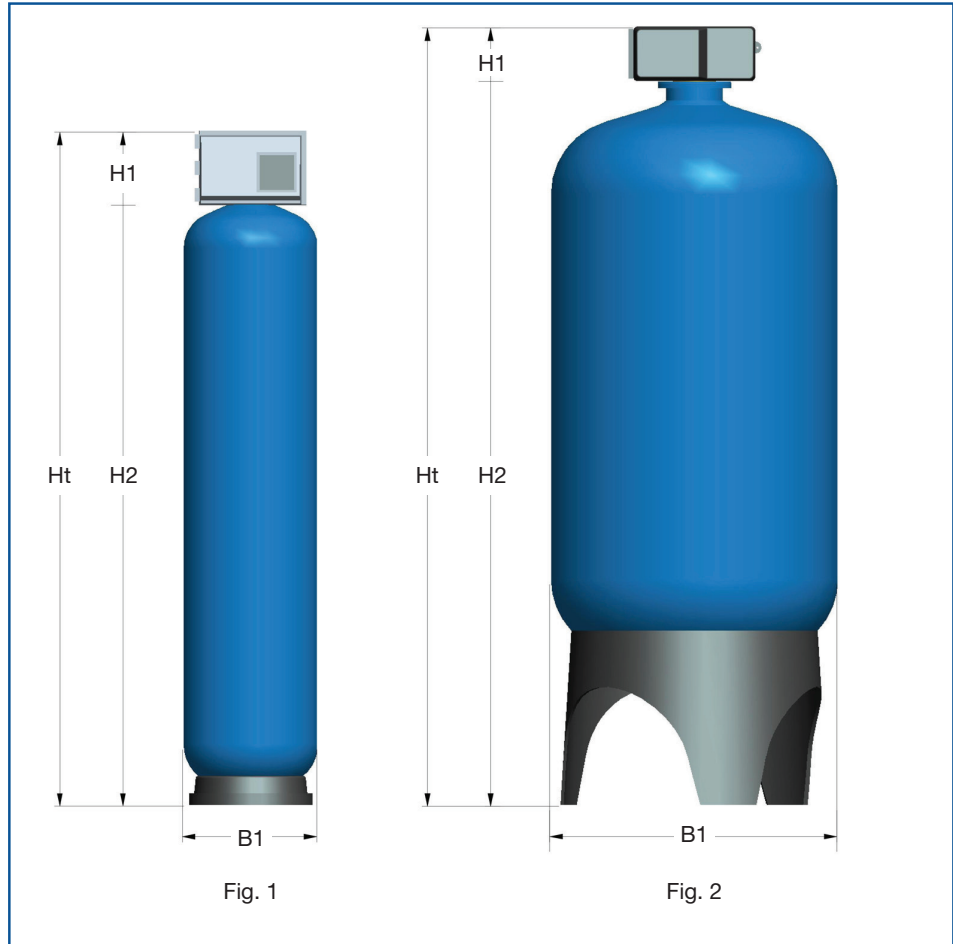


# Fleck AC Filters



## Dimensions (mm)

Model Reference	Valve H1	Vessel H2	Vessel B1	Filter Ht	Inlet/Outlet	Drawing No
FLF25C10AC	220	1387	257	1607	1"	Fig. 1
FLF25C13AC	220	1374	341	1594	1"	Fig. 1
FLF25C14AC	220	1660	369	1880	1"	Fig. 1
FLF25C16AC	220	1660	406	1880	1"	Fig. 1
FLF27C18AC	220	1750	469	1970	1"	Fig. 1
FLF27C21AC	220	1640	552	1860	1"	Fig. 1
FLF27C24AC	220	1890	610	2110	1"	Fig. 1
FLF28C30AC	220	2050	770	2270	1½"	Fig. 1
FLF31C36AC	200	2350	927	2550	2"	Fig. 2
FLF31C42AC	200	2435	1074	2635	2"	Fig. 2



# Fleck AC Filters

## General conditions for installation

Connection Inlet & Outlet	2510 / 2750 :	1" BSPM
	2850 :	1½" BSPF
	3150 :	2" BSPF
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	:	Coconut Shell Carbon
	:	3 - 5mm Support Gravel
Life Span	:	Dependent on frequency of backwashing and site conditions

## Specification

Vessel Diameter	10"	13"	14"	16"	18"
Service flow rate m <sup>3</sup> /hr	0.5	0.75	1.0	1.5	1.9
Backwash flow rate m <sup>3</sup> /hr	0.75	1.1	1.5	2.3	3.0

Vessel Diameter	21"	24"	30"	36"	42"
Service flow rate m <sup>3</sup> /hr	2.25	3.25	5.0	7.5	10.0
Backwash flow rate m <sup>3</sup> /hr	3.0	4.75	7.5	11.0	15.0

## Regeneration

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

## Operating Conditions

For organic and colour removal 6 mins contact time  
For dechlorination 3 mins contact time. (Flow rates may be doubled)

