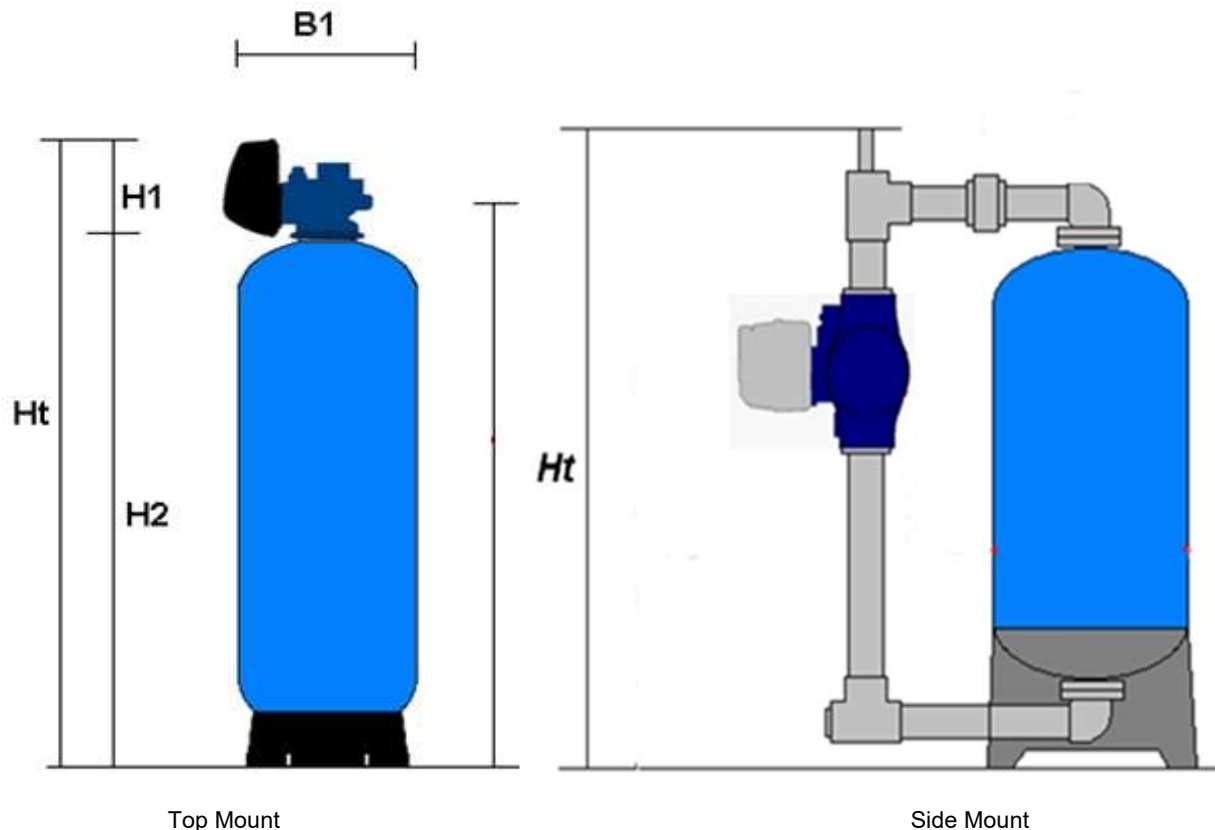


TECHNICAL DATA SHEET CARBON FILTERS

Carbon

Dimensions (cm)



Top Mount

Side Mount

Vessel Top Mount	Valve	Valve H1	Valve Size	Vessel H2	Total Ht	Inlet / Outlet Ht	Vessel B1	
1054	WS1CI	19	1"	139	158	144	27	
1252	WS1CI	19	1"	134	153	139	32	
1354	WS1CI	19	1"	140	159	145	34	
1465	WS1CI	19	1"	168	187	173	37	
1665	WS1CI	19	1"	167	186	172	41	
1865	WS1CI	19	1"	179	198	184	51	
1865	WS1.25CI	19	1.25"	179	198	184	51	
2160	WS1.5CI	20	1.5"	163	183	171	56	
2469	WS1.5CI	20	1.5"	188	208	196	61	
3072	WS1.5CI	20	1.5"	205	225	213	77	
3672	WS2CI	22	2"	215	237	227	93	
4278	WS2H	28	2"	244	272	265	114	
4882	WS3	32	3"	245	277	268	129	

Weights are estimated and do not include water.

Sizes may vary dependent on the components used and should only be used as a guide.

Vessel SIDE MOUNT	Total Ht Ht
42x78	2700
48 x 82	2710
63x86	2748

General conditions for installation

Connection IN & OUT:	Equal to valve size
Option side mount:	N/A
Drain connection(*):	3/4", 1", 1.25", 1.5", 2" or 3" depending on flow required
Electrical rating:	230V 50Hz 12V Transformer, 24V c
Max power rating:	6W
IP protection class:	Double isolated transformer
Minimum inlet pressure :	200 kPa (2 bar)
Maximum inlet pressure:	600 kPa (6 bar)
Vacuum:	no allowance
Average pressure loss (**):	100 kPa (1 bar)
Min-max water temperature:	4-43°C

Remarks

(*) Dependant on Drain line flow control.

Valve size:

Vessel size:	1054	1252	1354	1465	1665	1865	2160	2469	3072	3672	4278	4882
	1"	1"	1"	1"	1"	1"	1.5"	1.5"	1.5"	2"	2"H	3"

Media volume

Vessel size	1054	1252	1354	1465	1665	1865	2160	2469	3072	3672	4278	4882
Carbon (Litres)	40	50	70	100	125	170	200	300	400	600	900	1100
Carbon (Kg)	20	25	35	50	63	85	100	150	200	300	450	550

Back Wash

Start : Default setting: Time 2:00 am.
Options : VOLUME (with turbine) - IMMEDIATE - DELAYED - DAYS OVERRIDE
and manual regeneration.

Default back wash period for timed units is 3 days but this can be adjusted.

Total time min : Default is 16 min but can be adjusted to suit the site conditions!

Service flow rate (dechlorination)

Vessel size:	1054	1252	1354	1465	1665	1865	2160	2469	3072	3672	4278	4882
m ³ /h	0.8	1.4	2.1	2.4	3.2	4	5.4	6.5	8.9	13	18	22

Back wash flow requirement

m ³ /h	1.1	1.8	2	2.3	3.4	3.9	5.7	6.8	11.4	17.1	22	28
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Water consumption for back wash (*)

Vessel size:	1054	1252	1354	1465	1665	1865	2160	2469	3072	3672	4278	4882
litres	293	480	534	614	907	1040	1520	1814	3040	4560	5867	7467

(*) Figures based on 60PSI pressure.

03//12/2024