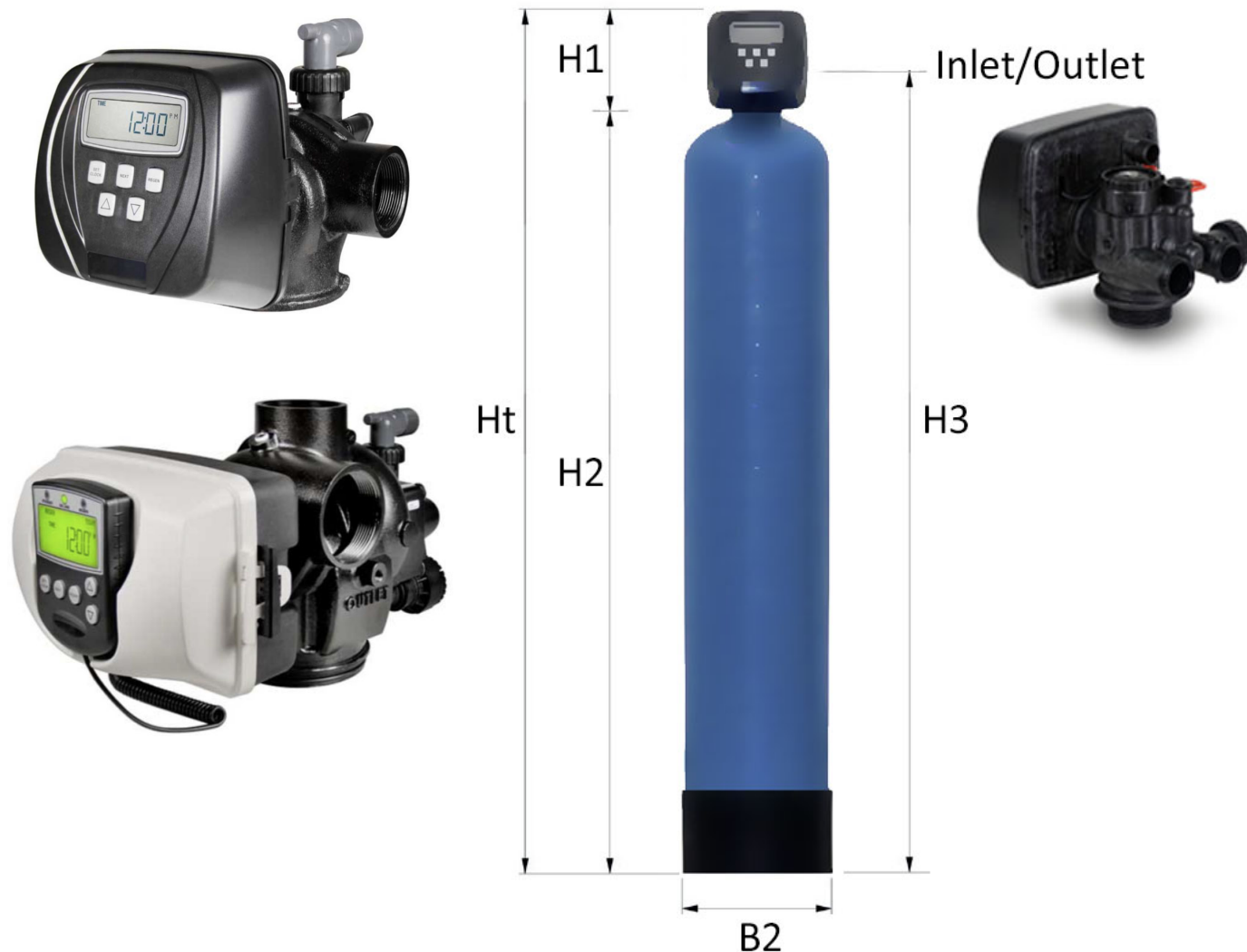


CLACK BIRM FILTERS



Dimensions

Vessel	Valve	Valve H1	Valve Size	Vessel H2 cm	Total Ht cm	Inlet/out H3 cm	Vessel B1 cm	Weight kg
1054	WS1CI	19	1"	139	158	144	27	90
1252	WS1CI	19	1"	134	153	139	32	130
1354	WS1CI	19	1"	140	159	145	34	155
1465	WS1CI	19	1"	168	187	173	37	195
1665	WS1CI	19	1"	167	186	172	41	220
1865	WS1CI	19	1"	179	198	184	51	330
2160	WS1.5CI	20	1.5"	163	183	171	56	410
2469	WS1.5CI	20	1.5"	188	208	196	61	535
3072	WS2CI	22	2"	205	227	217	77	880
3672	WS2CI	22	2"	215	237	227	93	1145
4278	WS2H	28	2"H	244	272	264	114	1790
4882	WS3	32	3"	245	277	268	129	2350

Weights are estimated and do not include water.

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

TECHNICAL DATA SHEET

General conditions for installation

Connection Inlet & Outlet	Equal to valve size
Drain Connection	3/4", 1", 1.25", 1.5", 2" or 3" depending on flow required
Electrical Rating	230V 50Hz 12V Transformer, 24V o
Max. Power Rating	6W
IP Protection Class	Double isolated transformer
Min. Inlet Pressure	200 kPa (2 bar)
Max. Inlet Pressure	600 kPa (6 bar)
Vacuum	no allowance
Average Pressure Loss	100 kPa (1 bar)
Temperature Range	4-43°C

Valve size

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

Media volume

Vessel Size	1054	1252	1354	1465	1665	1865	2160	2469	3072	3672	4278	4882
Turbidex (Cuft)	1.5	2	2.5	3	3.5	5	6.5	9	15	20	28	36

Back Wash

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

Vessel Size	1054	1252	1354	1465	1665	1865	2160	2469	3072	3672	4278	4882
m ³ /h	0.6	0.9	1	1.2	1.6	2	2.7	3.6	5.6	8	11	14

Back wash flow requirement

Vessel Size	1054	1252	1354	1465	1665	1865	2160	2469	3072	3672	4278	4882
m ³ /h	1.1	1.8	2	2.3	3.4	3.9	5.7	6.8	11.4	17.1	22	28

Water consumption for back wash (*)

Vessel Size	1054	1252	1354	1465	1665	1865	2160	2469	3072	3672	4278	4882
Litres	293	480	533	613	906	1040	1520	1813	3040	4560	5866	7466

(*) Figures based on 60PSI pressure.

