

PWT COMMERCIAL FILTERS

HORIZONTAL FIBREGLASS TANK WITH SIDE FLANGES



Featured Highlights

- Spun-woven, UV resistant fibreglass construction for exceptional strength, chemical resistance and long life.
- Max Operating Pressure 250kPa or 400kPa.
- Even spreads of laterals.
- 4" Sight Glass.
- Manhole for servicing.
- Union Drain.
- Air vent valve.
- In-built Manometer.
- 1 year commercial warranty.*



The Pentair Horizontal Filters are suitable for high demand in filtration surface area, especially for commercial purposes. With long life and minimal servicing. Suitable for large scale water features, aquarium and commercial pool.

Ordering Information

Model (250kPa)	Model (400 kPa)	Product	Effective Filter Area (m ²)	Valve Conn.	Max Flow Rate (m ³ /hr)	Gravel 1-1.2mm (kg)	Sand 0.4-0.8mm (kg)
HORIZONTAL FILTERS 1.2M DIAMETER 0.6M SAND BED DEPTH							
PWT-H-12-19-4-25	PWT-H-12-19-4-40	Horizontal Fibreglass Filter 1.2m x 1.9m (4")	1.96	4"	39	425	1100
PWT-H-12-19-6-25	PWT-H-12-19-6-40	Horizontal Fibreglass Filter 1.2m x 1.9m (6")	1.96	6"	79	425	1100
PWT-H-12-23-4-25	PWT-H-12-23-4-40	Horizontal Fibreglass Filter 1.2m x 2.3m (4")	2.42	4"	48	550	1425
PWT-H-12-23-6-25	PWT-H-12-23-6-40	Horizontal Fibreglass Filter 1.2m x 2.3m (6")	2.42	6"	97	550	1425
PWT-H-12-25-4-25	PWT-H-12-25-4-40	Horizontal Fibreglass Filter 1.2m x 2.5m (4")	2.65	4"	53	700	1750
PWT-H-12-25-6-25	PWT-H-12-25-6-40	Horizontal Fibreglass Filter 1.2m x 2.5m (6")	2.65	6"	107	700	1750
PWT-H-12-27-4-25	PWT-H-12-27-4-40	Horizontal Fibreglass Filter 1.2m x 2.7m (4")	2.87	4"	57	825	2075
PWT-H-12-27-6-25	PWT-H-12-27-6-40	Horizontal Fibreglass Filter 1.2m x 2.7m (6")	2.87	6"	115	825	2075
PWT-H-12-30-4-25	PWT-H-12-30-4-40	Horizontal Fibreglass Filter 1.2m x 3.0m (4")	3.21	4"	64	925	2325
PWT-H-12-30-6-25	PWT-H-12-30-6-40	Horizontal Fibreglass Filter 1.2m x 3.0m (6")	3.21	6"	129	925	2325
HORIZONTAL FILTERS 1.4M DIAMETER 0.8M SAND BED DEPTH							
PWT-H-14-19-4-25	PWT-H-14-19-4-40	Horizontal Fibreglass Filter 1.4m x 1.9m (4")	2.23	4"	45	575	2100
PWT-H-14-19-6-25	PWT-H-14-19-6-40	Horizontal Fibreglass Filter 1.4m x 1.9m (6")	2.23	6"	89	575	2100
PWT-H-14-25-4-25	PWT-H-14-25-4-40	Horizontal Fibreglass Filter 1.4m x 2.5m (4")	3.02	4"	60	800	2825
PWT-H-14-25-6-25	PWT-H-14-25-6-40	Horizontal Fibreglass Filter 1.4m x 2.5m (6")	3.02	6"	121	800	2825
PWT-H-14-30-4-25	PWT-H-14-30-4-40	Horizontal Fibreglass Filter 1.4m x 3.0m (4")	3.67	4"	73	1000	3450
PWT-H-14-30-6-25	PWT-H-14-30-6-40	Horizontal Fibreglass Filter 1.4m x 3.0m (6")	3.67	6"	110	1000	3450
PWT-H-14-30-8-25	PWT-H-14-30-8-40	Horizontal Fibreglass Filter 1.4m x 3.0m (8")	3.67	8"	147	1000	3450

* Terms and conditions apply

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HORIZONTAL FIBREGLASS TANK WITH SIDE FLANGES (CONT'D)

Model (250kPa)	Model (400 kPa)	Product	Effective Filter Area (m ²)	Valve Conn.	Max Flow Rate (m ³ /hr)	Gravel 1-1.2mm (kg)	Sand 0.4-0.8mm (kg)
HORIZONTAL FILTERS 1.6M DIAMETER 1.0M SAND BED DEPTH							
PWT-H-16-19-4-25	PWT-H-16-19-4-40	Horizontal Fibreglass Filter 1.6m x 1.9m (4")	2.47	4"	49	600	2850
PWT-H-16-19-6-25	PWT-H-16-19-6-40	Horizontal Fibreglass Filter 1.6m x 1.9m (6")	2.47	6"	99	600	2850
PWT-H-16-25-6-25	PWT-H-16-25-6-40	Horizontal Fibreglass Filter 1.6m x 2.5m (6")	3.36	6"	101	850	3875
PWT-H-16-25-8-25	PWT-H-16-25-8-40	Horizontal Fibreglass Filter 1.6m x 2.5m (8")	3.36	8"	134	850	3875
PWT-H-16-30-6-25	PWT-H-16-30-6-40	Horizontal Fibreglass Filter 1.6m x 3.0m (6")	4.1	6"	123	1050	4750
PWT-H-16-30-8-25	PWT-H-16-30-8-40	Horizontal Fibreglass Filter 1.6m x 3.0m (8")	4.1	8"	164	1050	4750
HORIZONTAL FILTERS 1.8M DIAMETER 1.0M SAND BED DEPTH							
PWT-H-18-25-6-25	PWT-H-18-25-6-40	Horizontal Fibreglass Filter 1.8m x 2.5m (6")	3.74	6"	112	975	4850
PWT-H-18-25-8-25	PWT-H-18-25-8-40	Horizontal Fibreglass Filter 1.8m x 2.5m (8")	3.74	8"	150	975	4850
PWT-H-18-30-6-25	PWT-H-18-30-6-40	Horizontal Fibreglass Filter 1.8m x 3.0m (6")	4.58	6"	137	1225	5925
PWT-H-18-30-8-25	PWT-H-18-30-8-40	Horizontal Fibreglass Filter 1.8m x 3.0m (8")	4.58	8"	183	1225	5925
PWT-H-18-35-8-25	PWT-H-18-35-8-40	Horizontal Fibreglass Filter 1.8m x 3.5m (8")	5.41	8"	162	1475	7000
PWT-H-18-35-10-25	PWT-H-18-35-10-40	Horizontal Fibreglass Filter 1.8m x 3.5m (10")	5.41	10"	216	1475	7000
PWT-H-18-40-6-25	PWT-H-18-40-6-40	Horizontal Fibreglass Filter 1.8m x 4.0m (6")	6.25	6"	125	1700	8075
PWT-H-18-40-8-25	PWT-H-18-40-8-40	Horizontal Fibreglass Filter 1.8m x 4.0m (8")	6.25	8"	187	1700	8075
PWT-H-18-40-10-25	PWT-H-18-40-10-40	Horizontal Fibreglass Filter 1.8m x 4.0m (10")	6.25	10"	250	1700	8075
HORIZONTAL FILTERS 2.0M DIAMETER 1.2M SAND BED DEPTH							
PWT-H-20-25-6-25	PWT-H-20-25-6-40	Horizontal Fibreglass Filter 2.0m x 2.5m (6")	4.34	6"	130	1050	6575
PWT-H-20-25-8-25	PWT-H-20-25-8-40	Horizontal Fibreglass Filter 2.0m x 2.5m (8")	4.34	8"	174	1050	6575
PWT-H-20-30-6-25	PWT-H-20-30-6-40	Horizontal Fibreglass Filter 2.0m x 3.0m (6")	5.3	6"	159	1300	8025
PWT-H-20-30-8-25	PWT-H-20-30-8-40	Horizontal Fibreglass Filter 2.0m x 3.0m (8")	5.3	8"	212	1300	8025
PWT-H-20-35-6-25	PWT-H-20-35-6-40	Horizontal Fibreglass Filter 2.0m x 3.5m (6")	6.25	6"	125	1550	9475
PWT-H-20-35-8-25	PWT-H-20-35-8-40	Horizontal Fibreglass Filter 2.0m x 3.5m (8")	6.25	8"	187	1550	9475
PWT-H-20-35-10-25	PWT-H-20-35-10-40	Horizontal Fibreglass Filter 2.0m x 3.5m (10")	6.25	10"	250	1550	9475
PWT-H-20-40-6-25	PWT-H-20-40-6-40	Horizontal Fibreglass Filter 2.0m x 4.0m (6")	7.21	6"	144	1800	10925
PWT-H-20-40-8-25	PWT-H-20-40-8-40	Horizontal Fibreglass Filter 2.0m x 4.0m (8")	7.21	8"	216	1800	10925
PWT-H-20-40-10-25	PWT-H-20-40-10-40	Horizontal Fibreglass Filter 2.0m x 4.0m (10")	7.21	10"	288	1800	10925
PWT-H-20-45-8-25	PWT-H-20-45-8-40	Horizontal Fibreglass Filter 2.0m x 4.5m (8")	8.16	8"	163	2075	12375
PWT-H-20-45-10-25	PWT-H-20-45-10-40	Horizontal Fibreglass Filter 2.0m x 4.5m (10")	8.16	10"	326	2075	12375
HORIZONTAL FILTERS 2.35M DIAMETER 1.2M SAND BED DEPTH							
PWT-23-30-6-25	PWT-23-30-6-40	Horizontal Fibreglass Filter 2.35m x 3.0m (6")	5.94	6"	119	2575	9300
PWT-23-30-8-25	PWT-23-30-8-40	Horizontal Fibreglass Filter 2.35m x 3.0m (8")	5.94	8"	178	2575	9300
PWT-23-30-10-25	PWT-23-30-10-40	Horizontal Fibreglass Filter 2.35m x 3.0m (10")	5.94	10"	238	2575	9300
PWT-23-35-6-25	PWT-23-35-6-40	Horizontal Fibreglass Filter 2.35m x 3.5m (6")	7.06	6"	141	3125	11050
PWT-23-35-8-25	PWT-23-35-8-40	Horizontal Fibreglass Filter 2.35m x 3.5m (8")	7.06	8"	212	3125	11050
PWT-23-35-10-25	PWT-23-35-10-40	Horizontal Fibreglass Filter 2.35m x 3.5m (10")	7.06	10"	282	3125	11050
PWT-23-40-8-25	PWT-23-40-8-40	Horizontal Fibreglass Filter 2.35m x 4.0m (8")	8.17	8"	163	3650	12800

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HORIZONTAL FIBREGLASS TANK WITH SIDE FLANGES (CONT'D)

Model (250kPa)	Model (400 kPa)	Product	Effective Filter Area (m ²)	Valve Conn.	Max Flow Rate (m ³ / hr)	Gravel 1-1.2mm (kg)	Sand 0.4-0.8mm (kg)
PWT-23-40-10-25	PWT-23-40-10-40	Horizontal Fibreglass Filter 2.35m x 4.0m (10")	8.17	10"	327	3650	12800
PWT-23-45-8-25	PWT-23-45-8-40	Horizontal Fibreglass Filter 2.35m x 4.5m (8")	9.28	8"	186	4200	14525
PWT-23-45-10-25	PWT-23-45-10-40	Horizontal Fibreglass Filter 2.35m x 4.5m (10")	9.28	10"	371	4200	14525
PWT-23-50-8-25	PWT-23-50-8-40	Horizontal Fibreglass Filter 2.35m x 5.0m (8")	10.4	8"	208	4750	16250
PWT-23-50-10-25	PWT-23-50-10-40	Horizontal Fibreglass Filter 2.35m x 5.0m (10")	10.4	10"	312	4750	16250
PWT-23-50-12-25	PWT-23-50-12-40	Horizontal Fibreglass Filter 2.35m x 5.0m (12")	10.4	12"	416	4750	16250
HORIZONTAL FILTERS 2.5M DIAMETER 1.3M SAND BED DEPTH							
PWT-25-35-6-25	PWT-25-35-6-40	Horizontal Fibreglass Filter 2.5m x 3.5m (6")	7.34	6"	149	3175	11675
PWT-25-35-8-25	PWT-25-35-8-40	Horizontal Fibreglass Filter 2.5m x 3.5m (8")	7.34	8"	223	3175	11675
PWT-25-35-10-25	PWT-25-35-10-40	Horizontal Fibreglass Filter 2.5m x 3.5m (10")	7.34	10"	297	3175	11675
PWT-25-40-8-25	PWT-25-40-8-40	Horizontal Fibreglass Filter 2.5m x 4.0m (8")	8.62	8"	172	3725	13500
PWT-25-40-10-25	PWT-25-40-10-40	Horizontal Fibreglass Filter 2.5m x 4.0m (10")	8.62	10"	345	3725	13500
PWT-25-45-8-25	PWT-25-45-8-40	Horizontal Fibreglass Filter 2.5m x 4.5m (8")	9.8	8"	196	4300	15350
PWT-25-45-10-25	PWT-25-45-10-40	Horizontal Fibreglass Filter 2.5m x 4.5m (10")	9.8	10"	294	4300	15350
PWT-25-45-12-25	PWT-25-45-12-40	Horizontal Fibreglass Filter 2.5m x 4.5m (12")	9.8	12"	392	4300	15350
PWT-25-50-8-25	PWT-25-50-8-40	Horizontal Fibreglass Filter 2.5m x 5.0m (8")	10.98	8"	220	4850	17200
PWT-25-50-10-25	PWT-25-50-10-40	Horizontal Fibreglass Filter 2.5m x 5.0m (10")	10.98	10"	329	4850	17200
PWT-25-50-12-25	PWT-25-50-12-40	Horizontal Fibreglass Filter 2.5m x 5.0m (12")	10.98	12"	439	4850	17200
HORIZONTAL FILTERS 3.0M DIAMETER 1.5M SAND BED DEPTH							
PWT-30-35-8-25	PWT-30-35-8-40	Horizontal Fibreglass Filter 3.0m x 3.5m (8")	8.98	8"	180	4525	17850
PWT-30-35-10-25	PWT-30-35-10-40	Horizontal Fibreglass Filter 3.0m x 3.5m (10")	8.98	10"	270	4525	17850
PWT-30-35-12-25	PWT-30-35-12-40	Horizontal Fibreglass Filter 3.0m x 3.5m (12")	8.98	12"	360	4525	17850
PWT-30-40-8-25	PWT-30-40-8-40	Horizontal Fibreglass Filter 3.0m x 4.0m (8")	10.4	8"	208	5300	20675
PWT-30-40-10-25	PWT-30-40-10-40	Horizontal Fibreglass Filter 3.0m x 4.0m (10")	10.4	10"	312	5300	20675
PWT-30-40-12-25	PWT-30-40-12-40	Horizontal Fibreglass Filter 3.0m x 4.0m (12")	10.4	12"	416	5300	20675
PWT-30-45-8-25	PWT-30-45-8-40	Horizontal Fibreglass Filter 3.0m x 4.5m (8")	11.82	8"	236	6100	23500
PWT-30-45-10-25	PWT-30-45-10-40	Horizontal Fibreglass Filter 3.0m x 4.5m (10")	11.82	10"	355	6100	23500
PWT-30-45-12-25	PWT-30-45-12-40	Horizontal Fibreglass Filter 3.0m x 4.5m (12")	11.82	12"	473	6100	23500
PWT-30-50-8-25	PWT-30-50-8-40	Horizontal Fibreglass Filter 3.0m x 5.0m (8")	13.24	8"	265	6875	26300
PWT-30-50-10-25	PWT-30-50-10-40	Horizontal Fibreglass Filter 3.0m x 5.0m (10")	13.24	10"	397	6875	26300
PWT-30-50-12-25	PWT-30-50-12-40	Horizontal Fibreglass Filter 3.0m x 5.0m (12")	13.24	12"	530	6875	26300

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HORIZONTAL FIBREGLASS TANK WITH SIDE FLANGES (CONT'D)

Dimensions

Model	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	J (mm)
HORIZONTAL FILTERS 1.2M DIAMETER 0.6M SAND BED DEPTH							
PWT-H-12-19	727	650	1200	900	1280	1900	1645
PWT-H-12-23	727	650	1200	900	1680	2300	1645
PWT-H-12-25	727	650	1200	900	1880	2500	1645
PWT-H-12-27	727	680	1200	900	2080	2700	1645
PWT-H-12-30	727	650	1200	900	2380	3000	1645
HORIZONTAL FILTERS 1.4M DIAMETER 0.8M SAND BED DEPTH							
PWT-H-14-19	839	650	1400	1080	1220	1900	1855
PWT-H-14-25	839	750	1400	1080	1820	2500	1855
PWT-H-14-30	839	750	1400	1080	2320	3000	1855 (1910 -8")
HORIZONTAL FILTERS 1.6M DIAMETER 1.0M SAND BED DEPTH							
PWT-H-16-19	950	650	1600	1230	1105	1900	2070
PWT-H-16-25	950	750	1600	1230	1705	2500	2070 (2125 -8")
PWT-H-16-30	950	750 (800 -8")	1800	1230	2205	3000	2070 (2125 -8")
HORIZONTAL FILTERS 1.8M DIAMETER 1.0M SAND BED DEPTH							
PWT-H-18-25	1047	750 (800 -8")	1800	1380	1560	2500	2305 (2250 -6")
PWT-H-18-30	1047	750 (800 -8")	1800	1380	2060	3000	2305 (2250 -6")
PWT-H-18-35	1047	850	1800	1380	2560	3500	2305
PWT-H-18-40	1047	900 (800 -6")	1800	1380	3060	4000	2305 (2250 -6")
HORIZONTAL FILTERS 2.0M DIAMETER 1.2M SAND BED DEPTH							
PWT-H-20-25	1162	900	2000	1470	1190	2500	2535 (2480 -6")
PWT-H-20-30	1162	900 (1000 -6")	2000	1470	1690	3000	2535 (2480 -6")
PWT-H-20-35	1162	900 (1000 -6")	2000	1470	2190	3500	2535 (2480 -6")
PWT-H-20-40	1162	950	2000	1470	2690	4000	2535 (2480 -6")
PWT-H-20-45	1162	980	2000	1470	3190	4500	2535
HORIZONTAL FILTERS 2.35M DIAMETER 1.2M SAND BED DEPTH							
PWT-23-30	1325	1150 (1100 -8" / 1050 -6")	2350	1740	1320	3000	2930 (2875 -8" / 2820 -6")
PWT-23-35	1325	1200 (1150 -8" / 1100 -6")	2350	1740	1820	3500	2930 (2875 -8" / 2820 -6")
PWT-23-40	1325	1200	2350	1740	2320	4000	2875
PWT-23-45	1325	1200	2350	1740	2820	4500	2875
PWT-23-50	1325	1150	2350	1740	3320	5000	2875
HORIZONTAL FILTERS 2.5M DIAMETER 1.3M SAND BED DEPTH							
PWT-25-35	1425	1250 (1200 -6")	2500	1850	1670	3500	3105 (3050 -8" / 2995 -6")
PWT-25-40	1425	1200	2500	1850	2170	4000	3050
PWT-25-45	1425	1230	2500	1850	2670	4500	3050
PWT-25-50	1425	1300	2500	1850	3170	5000	3050
HORIZONTAL FILTERS 3.0M DIAMETER 1.5M SAND BED DEPTH							
PWT-30-35	1620	1750	3000	2200	1170	3500	3721 (3691 -10" / 3661 -8")
PWT-30-40	1620	1550	3000	2200	1670	4000	3661
PWT-30-45	1620	1550	3000	2200	2170	4500	3661
PWT-30-50	1620	1600	3000	2200	2670	5000	3661

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HORIZONTAL FIBREGLASS TANK WITH SIDE FLANGES (CONT'D)

Dimensions

