*twin*SOFT

Duplex Water Softeners

FEATURES & BENEFITS

- True Duplex Design
- Simplex & Duplex Models available
- High quality vessels and media
- Easy to use control valve
- Fully automatic operation
- Low cost of ownership
- Partial or fully softened water
- Efficient design, saving water & salt
- Service maintenance packages available

Model	Valve	Salt	Size	Flow rate	Volume	Capacity @ 290mg/l as CaCO3
PH-T-10	WS1CI	1.5 kg	8" x 17"	0.4 m^3/hr	10L	1.7 m^3
PH-T-20	WS1CI	3 kg	8" x 35"	0.8 m^3/hr	20L	3.3 m^3
PH-T-30	WS1CI	4.5kg	10" x 35"	1.2 m^3/hr	30L	5 m^3
PH-T-40	WS1CI	6 kg	10" x 44"	1.6 m^3/hr	40L	6.67 m^3
PH-T-50	WS1CI	7.5 kg	10" x 54"	2 m^3/hr	50L	8.3 m^3
PH-T-60	WS1CI	9 kg	12" x 48"	2.4 m^3/hr	60L	10 m^3
PH-T-75	WS1CI	11.25 kg	13" x 54"	3 m^3/hr	75L	12.5 m^3
PH-T-100	WS1CI	15 kg	14" x 65"	4 m3/hr	100L	17 m3
PH-T-125	WS1CI	18.75 kg	14" x 65"	5 m3/hr	125L	20.8 m3
PH-T-150	WS1CI	22.5 kg	16" x 65"	6.0 m3/hr	150L	25 m3
PH-T-200	WS1CI	30 kg	18" x 65"	6.8 m3/hr	200L	33 m3
PH-T-250	WS1CI	37.5 kg	21" x 60"	10 m3/hr	250L	42 m3
PH-T-350	WS2CI	52.5 kg	24" x 69"	14 m3/hr	350L	58 m3
PH-T-350	WS1CI	52.5 kg	24" x 69"	14 m3/hr	350L	58 m3
PH-T-500	WS2CI	75 kg	30" x 72"	20 m3/hr	500L	83 m3
PH-T-500	WS2QC	75 kg	30" x 72"	20 m3/hr	500L	83 m3
PH-T-700	WS2CI	105 kg	36" x 72"	26 m3/hr	700L	116 m3
PH-T-700	WS2QC	105 kg	36" x 72"	26 m3/hr	700L	116 m3
PH-T-1000	WS2HFSM	150 kg	42" x 78"	35 m3/hr	1000L	166 m3

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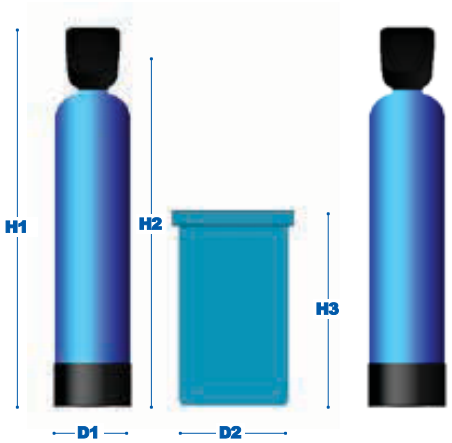

Model	Volume	H1*	H2**	H3	D1	D2	Kg	Width	Depth	Height*
PH-T-10	10L	619	485	450	215	320sq	40	750	320	619
PH-T-20	20L	1078	944	840	215	320sq	65	750	320	1078
PH-T-30	30L	1078	944	840	268	365x430	85	901	430	1078
PH-T-40	40L	1305	1171	840	268	365x430	110	901	430	1305
PH-T-50	50L	1565	1431	840	267	365x430	125	901	430	1565
PH-T-60	60L	1417	1283	830	315	370	155	1000	370	1417
PH-T-75	75L	1571	1437	980	349	760	190	1458	760	1571
PH-T-100	100L	1870	1736	920	370	880	270	1620	760	1870
PH-T-150	150L	1862	1713	1150	406	880	375	1187	880	1862
PH-T-200	200L	1957	1823	1150	510	880	485	1900	880	1957
PH-T-250	250L	1842	1708	1080	552	1000	600	2104	1000	1842
PH-T-350	350L	2092	1958	1080	610	1000	800	2220	1000	2092
PH-T-350	350L	2214	2080	1080	610	1000	843	2220	1000	2214
PH-T-500	500L	2262	2128	1280	770	1080	1109	2620	1000	2262
PH-T-700	700L	2359	2225	1280	927	1080	1484	2934	1080	2359

Weight excludes water.

* Based on WS1 valve see over for adjustments when other valves used

** Based on WS1 valve see over for adjustments when other valves used Width , Depth, Height if vessel and brine tank next to each other and touching.

Installation :

Specifications	
Electrical Rating	Clack 230V 50Hz 15V Transformer 3 pin plug or fuse spur PSU available
Power Rating	Clack 6 Watt
Min. Pressure	200 kPa (2 Bar)
Max. Pressure	700 kPa (7 Bar)
Vacuum	Not Permitted
Average Pressure Loss	100 kPa (1 Bar) under normal circumstances

Measurement adjustments

Vessel	*	**
255	-4 mm	-21 mm
268/278	-4 mm	-21 mm
298	+73 mm	-13 mm
Clack 1"	Same	Same
Clack 1.25"	Same	Same
Clack 1.5" P	+87 mm	+30 mm
Clack 1.5"	+4 mm	+30 mm

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