



ProMate 6.0 Specifications

MODEL	PM6-024	PM6-032	PM6-032-10	PM6-048	PM6-064	PM6-096	PM6-128	PM6-160	PM6-192	PM6-032DMT	PM6-064DMT
FACTORY PRESET MINUTES											
FILL MINUTES	3	4	4	6	8	12	16	20	24	4	8
GALLONS	1.5	2	2	3	4	6	8	10	12	2	4
BACKWASH: MINUTES	8	8	8.0	8	8.0	8.0	8.0	8.0	8.0	8.0	8.0
GALLONS	10.4	13.6	17.6	17.6	33.6	33.6	42.4	60	60	17.6	33.6
BRINE/RINSE: MINUTES	60.0	60.0	60.0	60.0	68.0	68.0	68.0	68.0	68.0	60.0	68.0
GALLONS	14.4	16.2	16.2	19.2	38.1	42.5	57.8	78.2	112.2	16.2	38.1
FINAL RINSE : MINUTES	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
GALLONS	5.2	6.8	8.8	8.8	16.8	16.8	21.2	30.0	30.0	8.8	16.8
Refill - Pounds of Salt											
EFFICIENT SALT POUNDS	2.5	3.3	3.3	5	6.6	9.9	13.2	16.5	19.8	3.3	6.6
LOW SALT POUNDS	4.5	6	6	9	12	18	24	30	36	6	12
MEDIUM SALT POUNDS	7.5	10	10	15	20	30	40	50	60	10	20
HIGH SALT POUNDS	11.3	15	15	22.5	30	45	60	75	90	15	30
CAPACITY											
EFFICIENT SALT	10,464	13,952	13,952	20,928	27,904	41,856	55,808	69,760	83,712	13,952	27,904
LOW SALT	17,200	22,930	22,930	34,400	45,860	68,800	91,730	114,660	137,590	22,930	45,860
MEDIUM SALT	21,040	28,060	28,060	42,090	56,120	84,810	112,240	140,300	168,360	28,060	56,120
HIGH SALT	24,230	32,310	32,310	48,460	64,620	96,930	129,240	161,550	193,860	32,310	64,620
GRAINS OF HARDNESS REDUCED PER POUND OF SALT AT FACTORY SETTING											
	3822	3822	3822	3822	3822	3822	3822	3822	3822	3822	3822
Service Flow Rate											
FLOW RATE AT 10 PSI	9.8	10.1	11.3	10.5	14.2	14.4	15.1	17.3	17.8	10.4	12.5
FLOW RATE AT 15 PSI	13.1	13.0	14.5	14.1	18.2	19.2	20.1	22.7	23.1	12.8	16.5
OTHER DATA											
RESIN, CUBIC FOOT	0.75	1	1	1.5	2	3	4	5	6	1	2
HAC (CU FT)	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.68	1
MINERAL TANK DIMENSION	844	948	1044	1054	1354	1465	1665	1865	2162	1054	1356
BRINE TANK DIMENSION	1840	1840	1840	1840	1840	2441	2441	2450	2450	1840	1840
DRAIN LINE FLOW CONTROL GPM	1.3	1.7	2.2	2.2	4.2	4.2	5.3	7.5	7.5	2.2	4.2
BRINE LINE FLOW CONTROL GPM	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
INJECTOR, COLOR	VIOLET	RED	RED	WHITE	YELLOW	LT GREEN	ORANGE	BLUE	DK GREEN	RED	YELLOW
INJECTOR DRAW RATE	0.135	0.210	0.210	0.250	0.410	0.425	0.520	0.610	0.630	0.210	0.410
INJECTOR SLOW RINSE RATE	0.240	0.270	0.270	0.320	0.560	0.625	0.850	1.150	1.650	0.270	0.560

Factory Settings are in Bold

System conforms to NSF/ANSI 44 for specific performance claims. Efficiency is valid only at stated salt dosage. Efficiency is measured by laboratory test described in NSF/ANSI44. This represents the maximum possible efficiency the system can achieve; The operational efficiency is the actual efficiency achieved after the system has been installed. The operational efficiency is typically less than the tested efficiency due to individual application factors including water hardness, water usage and other contaminants that reduce softener capacity. These efficiency-rated softeners are Demand-Initiated Regenerating (DIR) Softeners which comply with specific performance specifications intended to minimize the amount of brine and water used in operation.

If application demands 1 gpg or less in service flow at peak flows, may need to add safety factor when programming capacity.

High efficient salting is intended for clean water (iron <0.5 ppm) such as most city water supplies. High efficient testing was done with maximum service flow of 8 gpm/ft³

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