

PROMATE 1 SYSTEM SPECIFICATIONS

ED-“ELECTRONIC DEMAND”

TC-“TIME CLOCK”

MODEL	PM1-24ED PM1-24TC	PM1-32ED PM1-32TC	PM1-32-10ED PM1-32-10TC	PM1-48ED PM1-48TC	PM1-64ED PM1-64TC	PM1-96ED PM1-96TC	PM1-128ED PM1-128TC	PM1-160ED PM1-160TC	PM1-192ED PM1-192TC
FACTORY PRESET MINUTES									
Backwash-1; Min	8	8	8	8	8	8	8	8	8
Brine; Min.	60	60	60	60	60	60	60	60	60
Backwash-2; Min	8	8	8	8	8	8	8	8	8
Fast Rinse; Min	4	4	4	4	4	4	4	4	4
Refill-Minutes									
-High Efficiency	3.0	4.0	4.0	6.0	8.0	12.0	16.0	20.0	24.0
-Low Salting	4.0	5.3	5.3	8.0	10.7	16.0	21.3	26.7	32.0
-Medium Salting*	5.0	6.7	6.7	10.0	13.5	20.0	27.0	33.5	40.0
-High Salting	7.5	10.0	10.0	15.0	20.0	30.0	40.0	50.0	60.0
Refill-Lbs of Salt									
-High Efficiency	4.5	6.0	6.0	9.0	12.0	18.0	24.0	30.0	36.0
-Low Salting	6.0	8.0	8.0	12.0	16.0	24.0	32.0	40.0	48.0
-Medium Salting*	7.5	10.0	10.0	15.0	20.0	30.0	40.0	50.0	60.0
-High Salting	11.5	15.0	15.0	22.5	30.0	45.0	60.0	75.0	90.0
Capacity Grains									
-High Efficiency	17,200	22,930	22,930	34,400	45,870	68,810	91,750	114,690	137,620
-Low Salting	19,980	26,650	26,650	39,970	53,300	79,950	106,600	133,250	159,900
-Medium Salting*	21,040	28,060	28,060	42,090	56,120	84,180	112,240	140,300	168,360
-High Salting	24,230	32,310	32,310	48,460	64,620	96,930	129,240	161,550	193,860
Water Usage (U.S. Gallons)									
At Factory Settings and 40 psi Inlet Pressure	44	54	68	69	127	134	179	245	272
Service Flow Rate;									
Flow Rate @ 10 psi	9.8	10.1	11.3	10.5	14.2	14.4	15.1	17.3	17.8
Flow Rate @ 15 psi	13.1	13.0	14.5	14.1	18.2	19.2	20.1	22.7	23.1
Mineral; Cu Ft.	0.75	1	1	1.5	2	3	4	5	6
Underbedding;lbs	8	11	14	14	40	40	45	50	75
Mineral Tank Dimen.	8x44	9x48	10x44	10x54	13x54	14x65	16x65	18x65	20x62
Brine Tank Dimen.	18x40	18x40	18x40	18x40	18x40	24x41	24x41	24x50	24x50
Drain Line Flow Con	1.3	1.7	2.2	2.2	4.2	4.2	5.3	7.5	7.5
Brine Line Flow Con	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Injector; color	C-Violet	D-Red	E-White	E-White	G-Yellow	H-Green	I-Orange	J-L. Blue	K-L. Green

*Factory Settings are in bold