



**PROMATE 6.5 & 7.1 TA SPECIFICATIONS
UPFLOW-HIGH EFFICIENCY TWIN ALTERNATING**

MODEL		PM6.5 & PM7.1 DMT-059
FACTORY PRESET MINUTES		
PRE-RINSE: **	MINUTES	off
	GALLONS	off
Fill	MINUTES	4.1
	GALLONS	2.1
BRINE/RINSE	MINUTES	75.0
	GALLONS	18.0
BACKWASH:	MINUTES	12.0
	GALLONS	15.6
RINSE:	MINUTES	8.0
	GALLONS	10.40
TOTAL REGENERATION IN GALLONS @35 PSI, INCLUDES BRINE MAKE UP.		46.1
REFILL-POUNDS OF SALT		
HIGH EFFICIENCY		6.2
LOW SALT		8.3
MEDIUM SALT		14.8
Capacity-		
HIGH EFFICIENCY SALT		29,267
LOW SALT		37,045
MEDIUM SALT		50,038
GRAINS OF HARDNESS REDDUCED PER POUND OF SALT AT FACTORY SETTING		4720
Service Flow Rate***		
FLOW RATE AT 10 PSI		7.8
FLOW RATE AT 15 PSI		10.65
Other Data		
RESIN, CUBIC FOOT		1.85
HAC (CU FT)		0.33
MINERAL TANK DIMENSION*		10x60VT
BRINE TANK DIMENSION		18x40
DRAIN LINE FLOW CONTROL		1.3
BRINE LINE FLOW CONTROL		0.5
INJECTOR, SIZE-COLOR		C-Violet
INJECTOR DRAW RATE AT 35 PSI		0.135
INJECTOR SLOW RINSE AT 35 PSI		0.24

* Vortech Tanks do not require gravel
Factory Settings are Bold. Actual programed capacity has been adjusted for non-metered regeneration water.

System conforms to ANSI/NSF 44 for specific performance claims as verified and substantiated by test data. Efficiency is measured by a laboratory test as described in ANSI/NSF 44, testing represents maximum efficiency system can achieve. The operational efficiency achieved after the system is installed may be less than tested efficiency due to application parameters such as water hardness, TDS and other contaminants that reduce the softeners capacity. These high 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 installation hardness is not 20 grains adjust accordingly.**

If application demands 1 gpg or less in service flow at peak flows, please contact technical service for assistance.

** This cycle currently not used.

***Maximum service flow rate is 8 gpm per cubic foot at efficiency salting.