



- Solid state microprocessor with easy access front panel settings
- Front panel display for time of day, days until next regeneration, volume remaining, current flow rate and total volume used (Totalizer), and tank in service indication
- Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
- Optional double backwash feature offers optimum regeneration, cleaning ability and efficiency
- Adjustable cycle times with 6-cycle control; delivers controlled backwash, downflow brining/slow rinse, second backwash, fast rinse, refill and downflow service
- Coin cell lithium battery back-up with an 8 hour carry-over
- 12-volt output AC adapter provides safe and easy installation
- Treated/soft water post fill and regeneration cycles
- Reliable and proven DC drives



MODEL SPECS.	AM1T-48	AM1T-60	AM1T-90	AM1T-120	AM1T-150	AM1T-180	AM1T-240	AM1T-420
Exchange Capacity Per tank Grain @ lb. salt	12,000@5	20,000@6	30,000@9	40,000@12	50,000@15	60,000@18	80,000@24	140,000@42
	18,000@6	24,000@8	36,000@13.5	48,000@16	60,000@20	72,000@24	96,000@32	168,000@56
	22,500@12	30,000@15	45,000@22.5	60,000@30	75,000@38	90,000@45	120,000@60	210,000@105
Resin (cuft)	0.75	1.0	1.5	2.0	2.5	3.0	4.0	7.0
Mineral Tank Size	8" x 44"	10" x 40"	10" x 54"	12" x 52"	13" x 54"	14" x 65"	16" x 65"	21" x 62"
Brine Tank Size/Salt Storage (lbs)	18" x 33"	18" x 33"	18" x 33"	18" x 40"	18" x 40"	24" x 41"	24" x 41"	24" x 50"
	300 lbs	300 lbs	300 lbs	450 lbs	450 lbs	550 lbs	550 lbs	700 lbs
Flow Rate GPM	12	14	14	18	19	21	22	24
Backwash Rate	1.2 gpm	2.2 gpm	2.7 gpm	3.2 gpm	4.2 gpm	5.3 gpm	6.5 gpm	10.0 gpm

SOLD BY:

Products of

FRAKCO INC.
P.O. Box 566
Luverne, MN 56156-0566

Aqua Magic 1" EE Twin Alternating Specifications

Inlet/Outlet Fittings..... 3/4" to 1.5" NPS
 Cycles..... up to 6
 Valve Material Noryl (1) or equivalent

Operating Pressures

Minimum/Maximum 20 psi - 125 psi

Operating Temperatures

Minimum/Maximum..... 40° - 110° F

Meter

Accuracy..... ± 5%
 Flow Rate Range 0.25 - 30 gpm
 Gallon Range 20 - 1,500,000 gallons
 Totalizer 1000 - 9,999,000 gallons

Dimensions & Weight of Control Alone

Distributor Pilot 1.050" OD Pipe (3/4" NPS)
 Drain Line..... 3/4" or 1" Male NPT
 Brine Line..... 3/8" or 1/2" OD Poly Tube Compression
 Mounting Base..... 2 1/2" - 8" NPSM
 Height from Top of Tank..... 7 3/8"
 Weight 16 lbs

Electrical Specifications..... **AC Adapter**

U.S..... International
 Supply Voltage..... 120V AC..... 230V AC
 Supply Frequency..... 60 Hz..... 50 Hz
 Output Voltage..... 12V AC..... 12V AC
 Output Current..... 500 mA..... 500mA

Tank Applications

Water Softener 8" - 18" diameter

Cycles of Operation (Softener)

Cycle	Range in Minutes
1. Backwash 1st.....	1 - 95
2. Regenerate Draw/Slow Rinse.....	1 - 180
3. Backwash 2nd.....	1 - 95
4. Fast Rinse.....	1 - 95
5. Regenerate Refill.....	0.1 - 99.0 or off

Options: Backwash Filter, Bypass, Weather Cover

Compatible with the following typical concentration of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines.

- Noryl is a trademark of Sabic Innovative Plastics IP B.V. Company