

LANTIS



Certified to NSF/ANSI/CAN 61, NSF/ANSI 44 & 372.

- **DOT MATRIX CIRCUIT BOARD DISPLAY**
- **3 COLOR BACKLIT DISPLAY FOR "INSERVICE", "PROGRAMMING", AND "ERROR"**
- **MID-SIZE BACKPLATE AND UNIQUE DESIGNED TEXTURED FRONT COVER**
- **5 BUTTON SILICONE KEYPAD**
- **PROPORTIONAL BRINING FEATURE FOR HIGHER EFFICIENCIES**
- **LEVEL VI 15-VOLT OUTPUT DC POWER SUPPLY PROVIDES FOR A SAFE AND EASY INSTALLATION**
- **SCHEDULE SERVICE OUTPUT:: SCHEDULED SERVICE CAN BE BASED ON TIME, GALLONS USED,**
- **CAN BE MOUNTED ON 1", 1 1/4" 1" TWIN, 1 1/2", 2" 2" QC VALVE BODIES**
- **ADDITIONAL MAV OUTPUT ALLOWS THE VALVE TO DRIVE A MAV AND A NHWP**
- **SERVICE FLOW RATE OF 27 GPM BACKWASH RATE OF 27 GPM**
- **OPTIONAL DOUBLE BACKWASH FEATURE**
- **DOWNFLOW OR UPFLOW BRINING REGENERATION**
- **LINERARY RECIPROCATING PISTON OPERATION**
- **POST TREATED WATER REGENERATED REFILL**
- **FULLY ADJUSTABLE CYCLE TIMES WITH 6-CYCLE CONTROL DELIVERS CONTROLLED BACK-WASH/DOWNFLOW/BRINING/SLOW RINSE/SECOND BACKWASH/FAST RINSE/REFILL/AND DOWNFLOW SERVICE**
- **PROGRESSIVE FLOW OPTION FOR UP TO 4 CONTROL VALVES (SYSTEMS)**
- **DOES NOT REQUIRE USE OF THE CLACK SYSTEM CONTROLLER**
- **CUSTOM NAME, DEALER INFORMATION, SERVICE MAINTENANCE SCROLL SCREEN**

| | |
|----------------------------|----------------------------|
| Inlet/Outlet Fittings..... | ¾" to 2" NPS |
| Cycles..... | Up to 6 |
| Valve Material..... | Fiber Reinforced Composite |
| Regeneration..... | Downflow |

FLOW RATES

| | |
|--|--------|
| Service @ 15 PSI drop (includes bypass and meter)..... | 27 GPM |
| Backwash @ 25 PSI drop (includes bypass)..... | 27 GPM |
| CV Service..... | 7.0 |
| CV Backwash..... | 5.4 |

OPERATING PRESSURES

| | |
|----------------------|------------------|
| Minimum/Maximum..... | 20 PSI - 125 PSI |
|----------------------|------------------|

OPERATING TEMPERATURES

| | |
|----------------------|--------------|
| Minimum/Maximum..... | 40° - 110° F |
|----------------------|--------------|

METER

| | |
|----------------------|--------------------------|
| Accuracy..... | ±5% |
| Flow Rate Range..... | 0.25 - 27 GPM |
| Gallon Range..... | 20 - 1,500,000 Gallons |
| Totalizer..... | 1000 - 9,999,000 Gallons |

DIMENSIONS & WEIGHT

| | |
|------------------------------|-----------------------------------|
| Distributor Pilot..... | 1.050" OD Pipe (¾" NPS) |
| Drain Line..... | ¾" or 1" Male NPT |
| Brine Line..... | ⅜" or ½" OD Poly Tube Compression |
| Mounting Base..... | 2½" - 8 NPSM |
| Height from Top of Tank..... | 7⅜" |
| Weight..... | 5 lbs. |

ELECTRICAL SPECIFICATIONS

POWER SUPPLY

| | U.S. | International |
|-----------------------|----------------------|----------------------|
| Supply Voltage..... | 100VAC - 120VAC..... | 200VAC to 240VAC |
| Supply Frequency..... | 50/60 Hz..... | 50/60 Hz |
| Output Voltage..... | 15 VDC..... | 15 VDC |
| Output Current..... | 500 mA..... | 500 mA |

TANK APPLICATIONS

| | |
|---------------------------------|-------------------|
| Water Softener..... | 6" - 21" Diameter |
| Water Filter ¹ | 6" - 21" Diameter |

CYCLES OF OPERATION (SOFTENER DOWNFLOW)

| Cycle | Softener | Filter |
|---|--------------------------|-----------------|
| | Range of time in minutes | |
| 1. Backwash 1 st (Upflow)..... | 1 - 95..... | Backwash 1 - 95 |
| 2. Regenerate Draw/Slow Rinse (downflow)..... | 1 - 180 | |
| 3. Backwash 2 nd (Upflow)..... | 1 - 95 | |
| 4. Fast Rinse (downflow)..... | 1 - 95..... | Rinse 1 - 95 |
| 5. Regenerant Refill (in service with treated water)..... | 0.1 - 99.0 or OFF | |
| 6. Service (downflow) | | |