

Installer Friendly Series® Drip Control Panel

Single phase, simplex subsurface drip irrigation panel for pump control and system monitoring.

The Installer Friendly Series® Drip irrigation control panel is designed to control one 120V or 230V single phase pump for subsurface irrigation systems. The IFS Drip panel features a simple, easy-to-use touch pad on the inner door for programming and monitoring system operation: rest for standard time, rest for peak enable time, spin filter flush time, dose time, field flush time, field drain time, and low alarm activation.

TOUCH PAD FEATURES

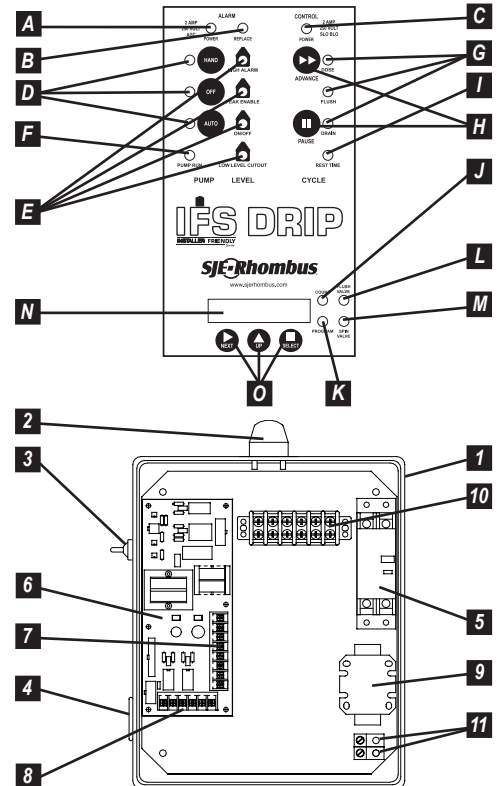
- A. Alarm Power Indicator/Fuse.** LED indicator light illuminates if alarm power is present in panel.
 - B. Alarm Power Replace Indicator** illuminates if alarm fuse is blown.
 - C. Control Power Indicator/Fuse.** LED indicator light illuminates if control power is present in panel.
- NOTE:** If control power is not present panel will go into alarm mode.
- D. HOA (Hand/Off/Automatic) Indicators/Buttons** control pump mode with LED indication.
 - E. Float Status Indicators** illuminate when floats are activated. Alarm will activate and indicator will flash if a float operates out of sequence.
 - F. Pump Run Indicator** illuminates when pump is called to run.
 - G. Cycle Status Indicators** allows user to see which cycle (dose, flush, or drain) is activated.
 - H. Advance and Pause Buttons** allow user to cycle through system functions for testing.
 - I. Rest Time Indicator** illuminates in between cycles.
 - J. Count Indicator** illuminates when viewing panel data.
 - K. Program Indicator** illuminates when programming panel.
 - L. Flush Valve Indicator** illuminates when flush valve is called to energize.
 - M. Spin Valve Indicator** illuminates when spin valve is called to energize.
 - N. Seven-Segment LED Display** shows high water alarm count, float status sequence error count, low level cutout float open low alarm count, standard dose count, power-fail count, pump on/off cycle count, pump run times (hh:mm), and peak does count.
 - O. Next, Up, Select Buttons** are used to navigate through the display.

NOTE: LED display will turn off after one minute of not being used.

PANEL COMPONENTS

- 1. NEMA 4X enclosure** ultraviolet stabilized thermoplastic with removable mounting feet for outdoor or indoor use measures 12 x 10 x 6 inches (30.48 x 25.40 x 15.24 cm).
- 2. Red Alarm Beacon** provides 360° visual check of alarm condition.
- 3. Exterior Alarm Test/Normal/Silence Switch** allows horn and beacon to be tested and horn to be silenced in an alarm condition. Alarm automatically resets once alarm condition is cleared.
- 4. Alarm Horn** provides audio warning of alarm condition (83 to 85 decibel rating).
- 5. Circuit Breaker** provides pump disconnect and branch circuit protection.
- 6. Circuit Board** provides power to main circuit board and contains terminal blocks for float and valve connections.
- 7. Float Connections**
- 8. Valve Connections**
- 9. Magnetic Motor Contactor** controls pump by switching electrical lines.
- 10. Large Incoming Power/Pump Connection Terminal Block**
- 11. Ground Lugs**

NOTE: Schematic/Wiring Diagram, Pump Specification Label, Input Display Code Label, and Counter Display Code Label are on inside cover for viewing/programming digital display.



FEATURES

- Entire control system (panel and switches) is UL Listed to meet and/or exceed industry safety standards
- Dual safety certification for the United States and Canada
- Standard package includes four control switches
- Optional pressure switch for aerobic applications.
- Complete with step-by-step installation instructions
- Five-year limited warranty

SEE PRICE BOOK FOR LIST PRICE.



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