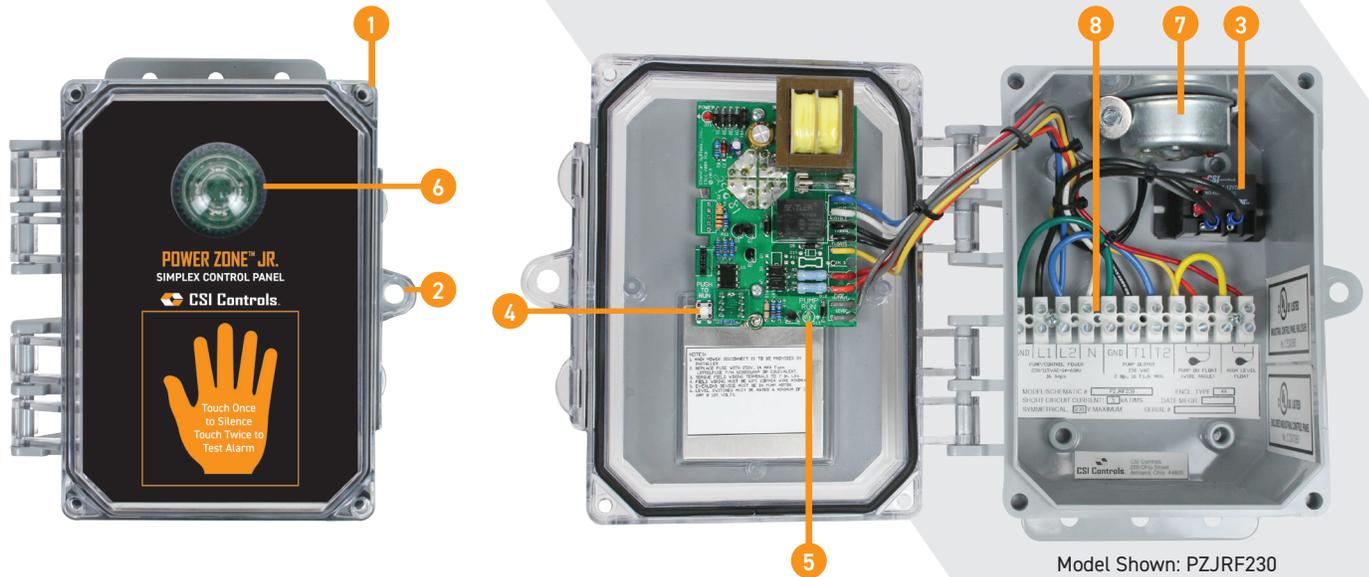


Power Zone™ Jr. Single Phase Simplex

Single Phase Simplex Demand Float Control System for Pumping Applications



The **Power Zone™ Jr.** simplex panel is designed to control one 115 VAC, or 230 VAC single phase pump in water and sewage applications. The compact design features the zero cross over technology for extended relay life and touch sensor circuitry for the alarm test and silence.

FEATURES

- Zero cross over sensing for extended motor relay life
- Exterior Touch Sensor for alarm silence and test
- NEMA 4X rated enclosure for indoor or outdoor use with padlockable enclosure
- Provided with (4) 1/2 inch liquid tight connectors for floats, pump, and incoming power



US Patent No.
7,075,443; 7,151,459;
7,224,283 and 7,557,722

OPTIONS

- Mechanical floats
- 2-Inch hub mount
- Separated control and alarm input power

COMPONENTS

1. NEMA 4X enclosure rated for indoor or outdoor use
2. Padlockable enclosure cover for added safety
3. Power relay controls the pump motor load by switching the electrical lines
4. Pump Manual Run button provides manual pump control
5. Pump Call to Run green LED provides indication when the pump is called to run
6. Red alarm beacon provides visual alert
7. Alarm horn provides audible alarm alert
8. Terminal strip for field wiring of incoming power, floats, and pump



CSI Controls®

Toll Free: 888-342-5753
customer.service@sjeinc.com
www.csicontrols.com

POWER ZONE™ JR. SIMPLEX FLOAT PANELS

| Model | Max FLA | Enclosure Type | Enclosure Material | Input Power Voltage Phase |
|----------|---|----------------|--------------------------|------------------------------|
| PZJRF115 | 16 | NEMA 4x | Engineered Thermoplastic | 115-1 |
| PZJRF230 | 16 | NEMA 4x | Engineered Thermoplastic | 230-1 |
| Options | Description | | | |
| FC15 | (2) 15 foot (4.6m) mechanical float switches (one pump switch and one control switch) | | | |
| HO | Includes a 2 inch hub to mount enclosure on a 2 inch conduit and an outlet that allows for plug-in installation of pump (115V - 15 amp max) | | | |
| D | Dual power - separates incoming power to pump and alarm control | | | |

SEE PRICE BOOK FOR LIST PRICE.

SPECIFICATIONS

VOLTAGE SUPPLY: Pump: 115 VAC or 230 VAC 50/60 Hz 1 ϕ
Control/Alarm: 115 VAC 60 Hz 1 ϕ

ENCLOSURE: 8 x 5 x 4 inch (20.3 x 12.7 x 10.2 cm)
NEMA 4X ultraviolet stabilized thermoplastic rated for indoor/outdoor use
Padlockable

INNER DOOR: molded thermoplastic

FLOAT CONTROL VOLTAGE: 115 VAC

MOTOR STARTER: solid state power relay

PUMP AMPS: 0-16 Amps

ALARM HORN: 83-85 decibel rating

FLASHING RED LED ALARM LIGHT



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