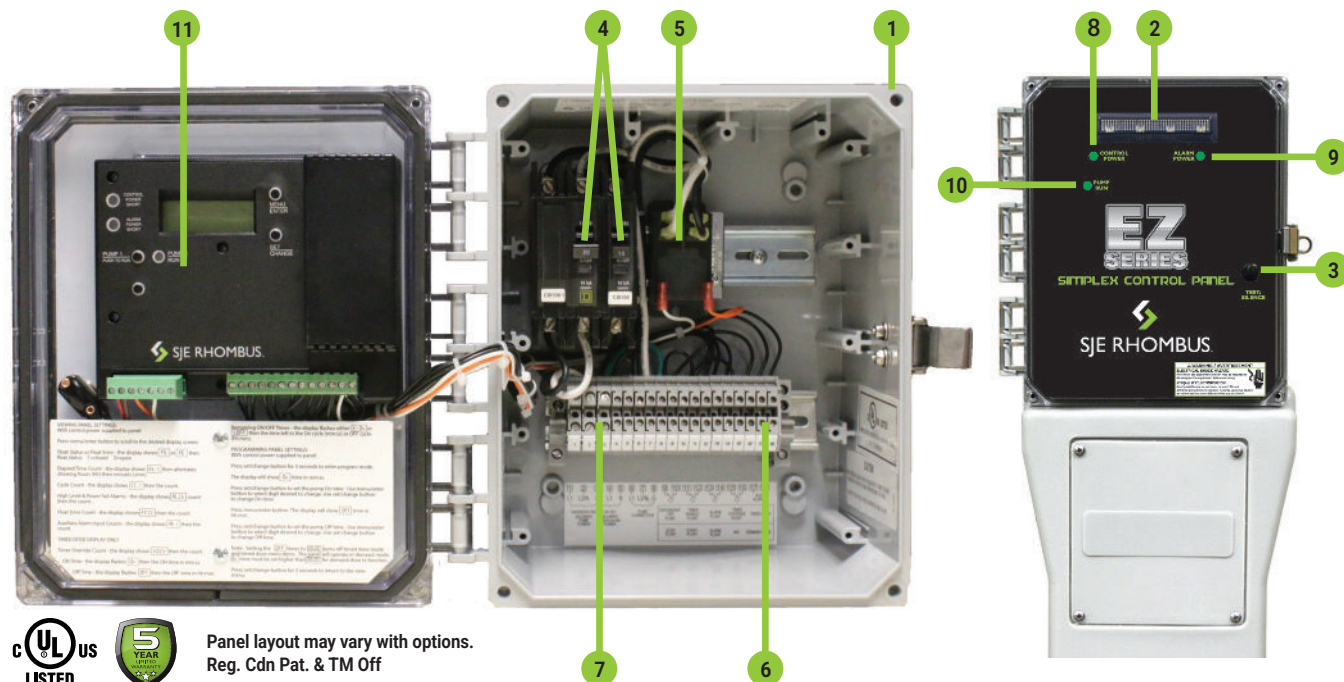


EZ SERIES® SINGLE PHASE SIMPLEX

Single Phase, Simplex Demand Dose or Timed Dose Float Controlled System for Pump Control and System Monitoring



Panel layout may vary with options.
Reg. Cdn Pat. & TM Off

The EZ Series® simplex control panel is designed to control one 120, 208, 240 VAC single phase pump in water and sewage installations.

The EZ Series® simplex control panel features a backlit LCD display on the inside of the front cover for programming and system monitoring, including: float status, elapsed time pump run, cycle counter, alarm counts (high water/power fail), float error count, auxiliary alarm counter, timer override count (TD only).

The panel configuration can be easily converted in the field to either a timed dose or demand dose.

Optional mounting post has removable access door for easy wiring. The post can be mounted in the ground directly, over a 4x4, or conduit. This panel is available with optional duo alarm for local code compliance; and optional EZconnex® float connection system.

COMPONENTS

1. Enclosure base measures 10 x 8 x 6 inches (25.4 x 20.32 x 15.24 cm); NEMA 4X enclosure (ultraviolet stabilized thermoplastic with removable mounting feet for outdoor or indoor use) includes locking latch as standard
2. Red alarm beacon provides visual check of alarm condition
3. Exterior Alarm Test/Silence switch allows horn and light to be tested and horn to be silenced in an alarm condition; alarm automatically resets once alarm condition is cleared
4. Two circuit breakers: one for pump power; another for control and alarm power
5. Power relay controls pump by switching electrical lines
6. Float connection terminal block with auxiliary alarm contact
7. Incoming control/alarm power & pump power terminal block
8. Control Power indicator light
9. Alarm Power indicator light
10. Pump Run indicator light
11. Simplex controller (touch safe housing) for pump control:
 - a. Backlit LCD display shows system information including: pump elapsed time (hh:mm), pump events (cycles), and alarm condition (counts)
 - b. Menu/Enter button used for viewing panel settings
 - c. Set/Change button used for programming panel settings
 - d. Pump Push To Run momentary switch - pump activates when pressed
 - e. Control and Alarm Power - shorted condition indicators
12. Alarm horn provides audio warning of alarm condition (83 to 85 decibel rating - located inside panel on cover, not shown)

Note: Options, voltage, and amp range selected may change enclosure size and component layout.

Note: Schematic/Wiring Diagram and Pump Specification Label are located inside the panel.



EZ Series® - Single phase, simplex demand dose or timed dose float controlled system for pump control and system monitoring.

| Part # | Pre-configured Panels for Easy Ordering | List Price |
|---------|---|------------|
| 1030771 | EZS21W114X3A6A8AC10E15A | \$1,054.58 |
| 1052607 | EZS11W114H3A6A8AC10E15A17G | \$1,134.14 |

| | | | | | | | | |
|---------------|------------|---------------|------------------|-----------------|---------------------|------------------|---------------------------|------------------------|
| EZS | | 1 | W | 1 | | 4 | | 3A6A8AC10E15A |
| CONTROL PANEL | MODEL TYPE | ALARM PACKAGE | ENCLOSURE RATING | STARTING DEVICE | PUMP FULL LOAD AMPS | PUMP DISCONNECTS | LEVEL CONTROL APPLICATION | OPTIONS (LISTED BELOW) |

| | | | | |
|---------------------------|---|-----|---|-------------|
| CONTROL PANEL | ✓ | EZS | | |
| MODEL TYPE | | 1 | Simplex Timed Dose (includes Options 3A6A8AC10E15A as standard) | \$925.05 |
| | | 2 | Simplex Demand Dose (includes Option 3A6A8AC10E15A as standard) | \$966.00 |
| ALARM PACKAGE | ✓ | 1 | Alarm Package (includes test/silence switch, fuse, red light, & horn) | Base |
| ENCLOSURE RATING | ✓ | W | Weatherproof, NEMA 4X (engineered thermoplastic) | Base |
| STARTING DEVICE | ✓ | 1 | 120/208/240V | Base |
| PUMP FULL LOAD AMPS | | 0 | 0 - 7 FLA | Base |
| | | 1 | 7 - 15 FLA | Base |
| | | 2 | 15 - 20 FLA | Base |
| PUMP DISCONNECTS | ✓ | 4 | Circuit Breaker(s) 120/208/240V | \$88.58 |
| LEVEL CONTROL APPLICATION | | H | Floats - Pump Down (select Option 17 below) Timed dose = timer enable and alarm / Demand dose = stop, start, and alarm | See Options |
| | | E | EZconnex® Float Switch System | See Options |
| | | X | No Floats | Base |

PRICING WORKSHEET

BASE PRICE

Simplex Timed Dose - \$925.05

Simplex Demand Dose - \$966.00

EZS Simplex Base Price _____

Alarm Package _____

Enclosure Rating _____

Starting Device _____

Pump Full Load Amps _____

Pump Disconnects _____

Level Control Application _____

Total Options _____

TOTAL LIST PRICE _____

| OPTIONS | DESCRIPTION | LIST PRICE |
|---------|--|------------|
| 1J | Duo Alarm Inputs | \$41.20 |
| ✓ 3A | Alarm Flasher (Included as standard) | \$0.00 |
| 4A | Redundant Off (Timed Dose Float Panel Only) (must also select Option 4D if floats are required) | \$0.00 |
| 4D | Redundant Off Float (must also select Option 4A and Option 17) | \$40.17 |
| ✓ 6A | Auxiliary Alarm Contact, Form A (Included as standard) | \$0.00 |
| ✓ 8AC | Display Board - Includes: ETM Counter, Events (Cycles) Counter, Alarm Counter (included as standard) | \$0.00 |
| ✓ 10E | Lockable Latch - NEMA 4X (included as standard) | \$0.00 |
| 10P | Mounting Post (Factory installed with 2.5" cord seal) | \$231.75 |
| ✓ 15A | Control/Alarm Circuit Breaker (Included as standard) | \$0.00 |

| OPTIONS | DESCRIPTION | LIST PRICE |
|---------|---|------------|
| 16C | 30' Cord in Lieu of 20' Cord (per Float) | \$8.24 |
| 16D | 40' Cord in Lieu of 20' Cord (per Float) | \$16.48 |
| 17C | Sensor Float® / Internally Weighted (3 Floats) - Mercury | \$170.10 |
| 17D | Sensor Float® / Externally Weighted (3 Floats) - Mercury | \$176.40 |
| 17G | SJE MilliAmpMaster™ / Pipe Clamp (3 Floats) - Mechanical | \$120.51 |
| 17H | SJE MilliAmpMaster™ / Externally Weighted (3 Floats) - Mechanical | \$148.32 |
| 17J | Sensor Float® / Pipe Clamp (3 Floats) - Mercury | \$144.90 |
| 18A | Timer Override Float (Timed Dose Float Panel Only) | \$40.17 |
| 33D | EZconnex® 3-Port, 25', with 10' Floats (3) / Pipe Clamp | \$350.27 |
| 35D | EZconnex® 4-Port, 25', with 10' Floats (4) / Pipe Clamp (Timed Dose Only) | \$424.73 |

For additional level control and control panel options, please contact Technical Support at techsupport@sjeinc.com.

Note: Timed Dose models have the base price adjusted as it is a two float system.