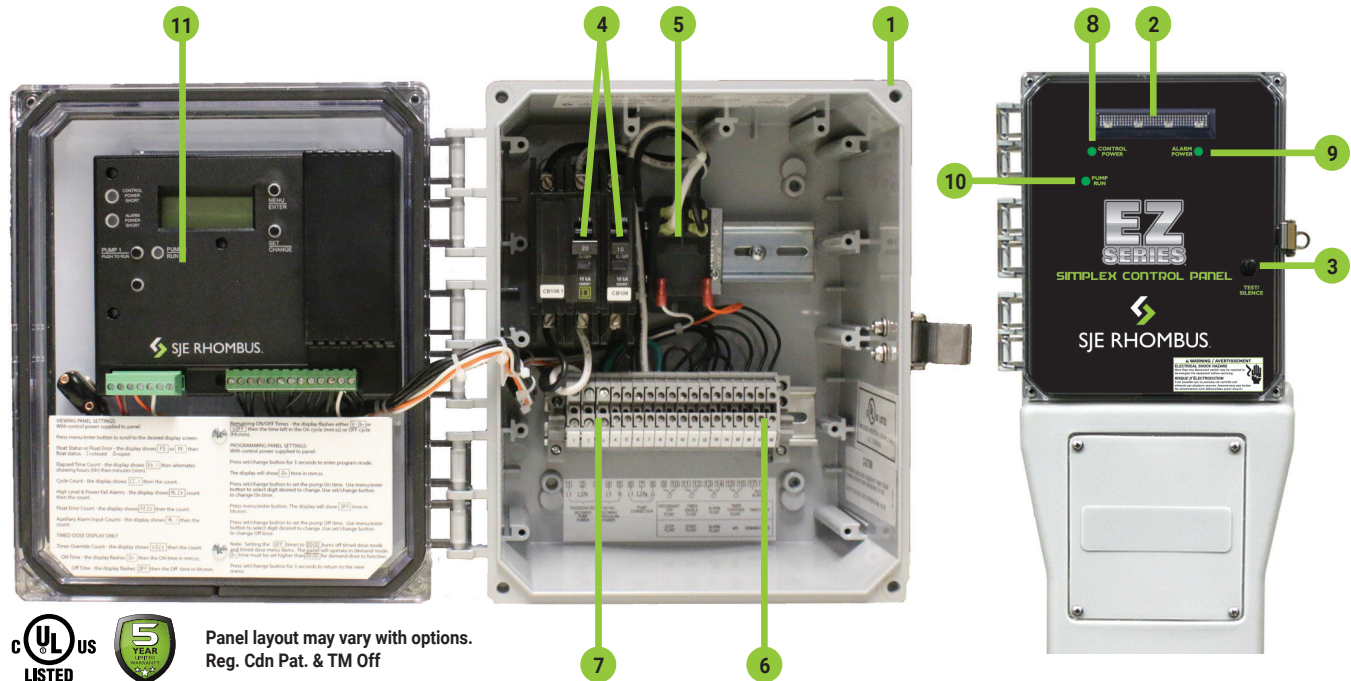


EZ SERIES® SINGLE PHASE SIMPLEX

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.

EZS CONTROL PANEL		1 ALARM PACKAGE	W ENCLOSURE RATING			4 PUMP DISCONNECTS		3A6A8AC10E15A OPTIONS (LISTED BELOW)
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CONTROL PANEL	✓	EZS	
MODEL TYPE		1	Simplex Timed Dose (includes Options 3A6A8AC10E15A as standard)
		2	Simplex Demand Dose (includes Option 3A6A8AC10E15A as standard)
ALARM PACKAGE	✓	1	Alarm Package (includes test/silence switch, fuse, red light, & horn)
ENCLOSURE RATING	✓	W	Weatherproof, NEMA 4X (engineered thermoplastic)
STARTING DEVICE		1	120/208/240V
		9	120V only
PUMP FULL LOAD AMPS		0	0 - 7 FLA
		1	7 - 15 FLA
		2	15 - 20 FLA
PUMP DISCONNECTS	✓	4	Circuit Breaker(s) 120V (select STARTING DEVICE Option 9 above) Circuit Breaker(s) 120/208/240V (select STARTING DEVICE Option 1 above)
FLOAT SWITCH APPLICATION		H	Floats - Pump Down (select Option 17 below) Timed dose = timer enable and alarm / Demand dose = stop, start, and alarm
		E	EZconnex® Float Switch System (select Option 33, 35 or 36 below)
		X	No Floats

PRICING WORKSHEET	EZS Simplex Base Price	_____
	Alarm Package	_____
	Enclosure Rating	_____
	Starting Device	_____
	Pump Full Load Amps	_____
	Pump Disconnects	_____
	Float Switch Application	_____
	Total Options	_____
	TOTAL LIST PRICE	_____

OPTIONS	DESCRIPTION
1J	Duo Alarm Inputs
✓ 3A	Alarm Flasher (Included as standard)
4A	Redundant Off (Timed Dose Float Panel Only) (must also select Option 4D if floats are required)
4D	Redundant Off Float (must also select Option 4A and Option 17)
✓ 6A	Auxiliary Alarm Contact, Form A (Included as standard)
✓ 8AC	Display Board - Includes: ETM Counter, Events (Cycles) Counter, Alarm Counter (included as standard)
✓ 10E	Lockable Latch - NEMA 4X (included as standard)
10P	Mounting Post (Factory installed with 2.5" cord seal)
✓ 15A	Control/Alarm Circuit Breaker (Included as standard)
16A	10' Cord in Lieu of 20' Cord (per Float)
16B	15' Cord in Lieu of 20' Cord (per Float)
16C	30' Cord in Lieu of 20' Cord (per Float)
16D	40' Cord in Lieu of 20' Cord (per Float)
17C	Sensor Float® / Internally Weighted (per Float) - Mercury
17D	Sensor Float® / Externally Weighted (per Float) - Mercury
17G	SJE MilliAmpMaster™ / Pipe Clamp (per Float) - Mechanical
17H	SJE MilliAmpMaster™ / Externally Weighted (per Float) - Mechanical
17J	Sensor Float® / Pipe Clamp (per Float) - Mercury

OPTIONS	DESCRIPTION
18A	Timer Override Float (Timed Dose Float Panel Only)
22G	2 1/2" Hub Installed with 6 Hole Cord Seal
33D ■	EZconnex® 3-Port, 25', with 10' Floats (3) / Pipe Clamp
33E ■	EZconnex® 3-Port, 50', with 10' Floats (3) / Pipe Clamp
33G ■	EZconnex® 3-Port, 25', with 20' Floats (3) / Pipe Clamp
33H ■	EZconnex® 3-Port, 50', with 20' Floats (3) / Pipe Clamp
35D ■	EZconnex® 4-Port, 25', with 10' Floats (4) / Pipe Clamp (Timed Dose Only)
35E ■	EZconnex® 4-Port, 50', with 10' Floats (4) / Pipe Clamp (Timed Dose Only)
35G ■	EZconnex® 4-Port, 25', with 20' Floats (4) / Pipe Clamp (Timed Dose Only)
35H ■	EZconnex® 4-Port, 50', with 20' Floats (4) / Pipe Clamp (Timed Dose Only)
36D ■	EZconnex® 3-Port, 25', with 10' Floats (2) / Pipe Clamp, Sealing Plug
36E ■	EZconnex® 3-Port, 50', with 10' Floats (2) / Pipe Clamp, Sealing Plug
36G ■	EZconnex® 3-Port, 25', with 20' Floats (2) / Pipe Clamp, Sealing Plug
36H ■	EZconnex® 3-Port, 50', with 20' Floats (2) / Pipe Clamp, Sealing Plug

■ EZconnex® mechanically-activated, narrow angle float switches with quick release connections

Part #	Pre-configured Panels for Easy Ordering
1030771	EZS21W114X3A6A8AC10E15A
1052607	EZS11W114H3A6A8AC10E15A17G