

MODEL PS Control Panel

Single phase, duplex motor contactor control/programmable timed dosing control panel.

The PS series control panel provide a reliable means of controlling **both** pump chamber and sand filter pumps in an onsite septic installation.

PANEL COMPONENTS

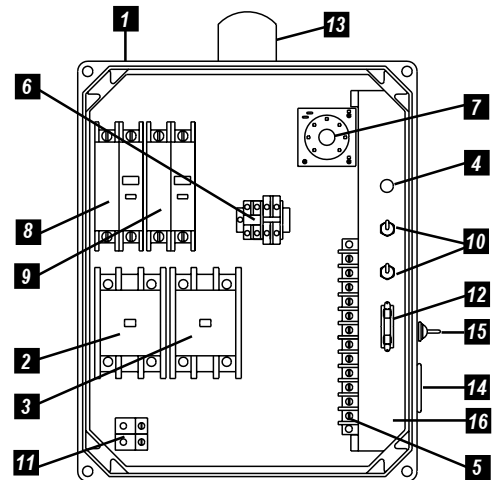
1. **Enclosure** measures 14 x 12 x 6 inches (35.56 x 30.48 x 15.24 cm); NEMA 4X (ultraviolet stabilized thermoplastic) with removable flanges for indoor or outdoor use.
2. **Pump Chamber Magnetic Motor Contactor** controls pump chamber pump by switching electrical lines.
3. **Sand Filter Magnetic Motor Contactor** controls pump chamber pump by switching electrical lines.
4. **Alarm/Control Fuse**
5. **Float Switch Terminal Block**
6. **Control/Pump Power Terminal Block**
7. **Programmable Timer** features separate variable controls to allow for pump chamber pump on/off time settings from .05 seconds to 30 hours.
8. **Pump Chamber Circuit Breaker** provides pump chamber disconnect and provides branch circuit protection.
9. **Sand Filter Circuit Breaker** provides sand filter pump disconnect and provides branch circuit protection.
10. **HOA Switches** provide manual pump control.
11. **Ground Lugs**
12. **Spare Fuse**

NOTE: Wiring Diagram, Pump Specification Label and Timer Installation Label are located inside the panel on enclosure cover.

STANDARD ALARM PACKAGE

13. **Red Alarm Beacon** provides 360° visual check of alarm condition.
14. **Alarm Horn** provides audio warning of alarm condition (83 to 85 decibel rating).
15. **Exterior Alarm Test/Normal/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.
16. **Horn Silence Relay** (mounted under bracket).

NOTE: other options available.



Model Shown PS1W104X

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 two 20' SJE PumpMaster® pump switches, one 20' SJE PumpMaster® SPDT pump switch and one 20' Sensor Float® control switch
- Complete with step-by-step installation instructions
- Three-year limited warranty



PRICING/ORDERING INFORMATION

Model Number	AC Voltage	Full Load Amp	List Price	Shipping Weight
PS1W904H	120 VAC	0-7 FLA	\$1070.00	20 lbs.
PS1W914H	120 VAC	7-15 FLA	\$1070.00	20 lbs.
PS1W924H	120 VAC	15-20 FLA	\$1070.00	20 lbs.
PS1W104H	120/208/240 VAC	0-7 FLA	\$1130.00	20 lbs.
PS1W114H	120/208/240 VAC	7-15 FLA	\$1130.00	20 lbs.
PS1W124H	120/208/240 VAC	15-20 FLA	\$1130.00	20 lbs.

SEE BACKSIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.

SJE Rhombus
CONTROLS

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PS W 4

MODEL PS

\$1,070.00

- 0 = no alarm (If you select "0", you must select option 1F) - \$ 20.00
- 1 = alarm package (includes test/normal/silence switch, red beacon, horn) Base
- ENCLOSURERATING**
- W = Weatherproof, NEMA 4X (engineered thermoplastic) Base
- STARTINGDEVICE**
- 1 = magnetic motor contactor 120/208/240V \$ 60.00
- 9 = magnetic motor contactor 120V only 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 Base
- FLOAT SWITCH APPLICATION**
- H = Two 20' SJE PumpMasters® (gray) - low level cutout (pump chamber) and on/off (sand filter)
one 20' SJE PumpMaster® SPDT (gray) - high alarm (sand filter) and pump chamber cutoff
one 20' Sensor Float® (black) - high alarm (pump chamber) Base
- X = no floats - \$ 130.00

OPTIONS Listed below

Total Options _____
TOTAL LIST PRICE _____

If additional features are required, call the factory for a quote on either a SJE-Rhombus Pro-Line or Engineered Custom control panel system.

CODE	DESCRIPTION	LIST PRICE	CODE	DESCRIPTION	LIST PRICE
<input type="checkbox"/>	1F Door mounted alarm indicator with horn and test/normal/silence switch (must select "0" for alarm package)	\$30.00	<input type="checkbox"/>	10E Lockable latches	\$30.00
<input type="checkbox"/>	3F High level indicators	\$65.00	<input type="checkbox"/>	10K Anti-condensation heater	\$100.00
<input type="checkbox"/>	4B Redundant off, alarm activation, red indicators (must select option "4D" if floats included)	\$90.00	<input type="checkbox"/>	16A 10' cord in lieu of 20' (per float)	- \$2.00
<input type="checkbox"/>	4D Redundant off float (two 20' Sensor Floats®)	\$50.00	<input type="checkbox"/>	16B 15' cord in lieu of 20' (per float)	- \$1.00
<input type="checkbox"/>	4E Redundant off, alarm activation must select 4D if floats included	\$40.00	<input type="checkbox"/>	16C 30' cord in lieu of 20' (per float)	\$ 5.00
<input type="checkbox"/>	6A Normally open dry auxiliary alarm contacts	\$50.00	<input type="checkbox"/>	16D 40' cord in lieu of 20' (per float)	\$15.00
<input type="checkbox"/>	8A Elapsed time meters (each pump)	\$110.00	<input type="checkbox"/>	18A Timer override float (20' SJE PumpMaster®)	\$40.00
<input type="checkbox"/>	8C Event (cycle) counters (each pump)	\$90.00	<input type="checkbox"/>	19X Externally mounted pump run indicators	\$40.00
			<input type="checkbox"/>	21E SJE PumpMaster® in lieu of Sensor Float® (per float)	\$ 5.00

SAMPLE

MODEL	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px;">PS</div> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="border: 1px solid black; padding: 2px 5px;">W</div> <div style="border: 1px solid black; padding: 2px 5px;">9</div> <div style="border: 1px solid black; padding: 2px 5px;">1</div> <div style="border: 1px solid black; padding: 2px 5px;">4</div> <div style="border: 1px solid black; padding: 2px 5px;">H</div> <div style="border: 1px solid black; padding: 2px 5px;">4DE 18A</div> </div>	LISTPRICE \$1070.00
Alarm Package		1 Base
Enclosure Rating		W Base
Starting Device		9 Base
Pump Full Load Amps		1 Base
Pump Disconnect		4 Base
Float Switch Application		H Base
Option: Redundant off float, Timer override float, Alarm activation		4D \$50.00
		4E \$40.00
		18A \$40.00
		TOTAL LIST PRICE \$1200.00