

# PS PATROL® System

Provides convenient wiring connection and system monitoring for pump station applications.

The PS Patrol® system features a built-in high water alarm and provides a convenient location to connect all wiring required for a pumping station installation. The PS Patrol® system also employs a receptacle to accept either a 120 VAC or 230 VAC pump and/or piggy-back style pump switch. Three PS Patrol® system models are available; a 120V, a 230V and a 9 VDC model.



U.S. Patent No. 7,218,511

## STANDARD FEATURES

- Pedestal rated for outdoor use.
- Built-in high water alarm (except in PSAB model).
- Pull out assembly for easy wiring.
- Control switch provides alarm activation.
- Convenient test/normal/silence switch mounted externally for easy operation (except in PSAB model).
- 360° audio/visual check of alarm condition (except in PSAB model).
- PSAB model includes Tank Alert® AB alarm system (no built-in alarm).
- Complete step-by-step installation instructions.
- Separate 120V alarm and pump circuits.
- Receptacle for 120V or 230V pump and/or pump switch.
- Vent holes on side of post to help prevent moisture condensation inside.
- No external cords (except in PSAB model).
- CSA Certified.
- Three-year limited warranty.



## 9 VDC MODEL

- Requires only one incoming power for pump and alarm. If power failure occurs during an alarm condition, horn will operate on 9 volt DC battery back-up system.
- Liquid-tight cord seal for pump and pump switch.
- Strain relief for pump and pump switch cords provided by cord seal.

## OPTIONS

- Mercury or mechanical pump switches.
- Various cord lengths.
- Assembly kit for 120V or 230V models only.
- Pump circuit breaker. (120V models only)

## 120V or 230V SPECIFICATIONS

**ALARM VOLTAGE:** 120 VAC, 50/60 Hz  
**PUMP VOLTAGE:** 120 VAC or 230 VAC, 50/60 Hz  
**ENCLOSURE SIZE:** 5" X 5" X 4' (12.7 x 12.7 x 121.9 cm)  
**RECEPTACLE:** 120 VAC - NEMA type 5-15 or 230 VAC - NEMA type 6-15  
**ALARM FLOAT:** SJE SignalMaster® control switch with mounting clamp  
**ALARM HORN:** 83 to 85 decible rating

## 9 VDC SPECIFICATIONS

**VOLTAGE:** 120 VAC, 50/60 Hz  
**ENCLOSURE SIZE:** 5" X 5" X 4' (12.7 x 12.7 x 121.9 cm)  
**ALARM VOLTAGE:** 9 VDC  
**RECEPTACLE:** 120 VAC - NEMA type 5-15  
**CORD SEAL:** Liquid-tight cord seal with strain relief  
**ALARM FLOAT:** SJE SignalMaster® control switch with mounting clamp  
**ALARM HORN:** 83 to 85 decibel rating

## PSAB ALARM SPECIFICATIONS

**VOLTAGE FOR 120 VAC MODEL:**  
Primary: 120 VAC, 60 Hz, 2.4 watts max. (alarm condition)  
Secondary: 9 VDC  
**BATTERY BACKUP POWER:** 9 VDC  
**ALARM ENCLOSURE:** 6 x 4 x 2.25 inch (15.24 x 10.16 x 5.71 cm), NEMA 1 plastic.  
**ALARM HORN:** 87 decibels at 10 feet (3 meters)  
**POWER CORD:** 6 foot (1.8 meter)  
**FLOAT SWITCH CONNECTION**  
**TERMINAL:** For float switch connection only. Do not apply power. (Voltage across terminals is 8-9 VDC).  
**FLOAT SWITCH:** SJE SignalMaster® control switch with mounting clamp

**SJE Rhombus®**

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SEE BACKSIDE FOR PRICING/ORDERING INFORMATION.  
SEE PRICE BOOK FOR LIST PRICING.



**MODEL PSP** ..... See List Price

- MODEL**
- 120V ..... Base
  - 230V ..... \$35.00
  - 9V ..... Base
  - AB ..... -\$24.00

- STARTING DEVICE**
- 1 = SJE PumpMaster® pump switch (0-13 FLA) ..... \$45.00
  - 2 = SJE PumpMaster® Plus pump switch (0-15 FLA) ..... \$60.00
  - 3 = 120 VAC Double Float® pump switch (0-15 FLA) ..... \$95.00
  - 4 = 230 VAC Double Float® pump switch (0-12 FLA) ..... \$95.00
  - 5 = Super Single® pump switch (120V = 0-15 FLA) (208/230V = 0-12 FLA) ..... \$77.00
  - 6 = No pump switch ..... Base
  - 7 = 120 VAC Double Float® Master pump switch (0-13 FLA) ..... \$90.00
  - 8 = 240 VAC Double Float® Master pump switch (0-13 FLA) ..... \$90.00

- FLOAT SWITCH APPLICATION**
- H = pump down (select 17 option) ..... Base
  - X = no floats ..... -\$25.00

**OPTIONS** *Listed below*

Total Options \_\_\_\_\_  
**TOTAL LIST PRICE** \_\_\_\_\_

Part Number	Model Number	Description	FLA	Ship Weight
1022728	PSP120V6H17A	PSP 120V, 120V alarm, no pump switch	0-15	13 lbs.
1018903	PSP120V6H150P17J	PSP 120V, 120V alarm, no pump switch, 15A circuit breaker	0-7	13 lbs.
1019021	PSP120V6H151P17J	PSP 120V, 120V alarm, no pump switch, 20A circuit breaker	7-15	13 lbs.
1018429	PSP120V1H17J	PSP 120V, 120V alarm, 20' SJE PumpMaster®	0-13	14 lbs.
1022575	PSP120V6H8A17A	PSP 120V, 120V alarm, ETM, 20' SJE SignalMaster®	0-15	14 lbs.
1022577	PSP120V6H1J8A17A	PSP 120V, 120V Duo alarm, ETM, 20' SJE SignalMaster® & VRS	0-15	15 lbs.
1018426	PSP9V6H17J	PSP 120V, 9VDC alarm, no pump switch	0-15	15 lbs.
1018434	PSAB6H16B17A	PSP, 120V TAAB alarm, 15' SJE SignalMaster®	0-15	16 lbs.
1011551	Assembly Kit	Riser Extension Coupling and Washers	n/a	10 lbs.

- CODE DESCRIPTION LIST PRICE**
- 1JDuo alarm inputs ..... \$70.00
  - 1V Vertical Reed Switch ..... \$65.00  
(must select 1J)
  - 8AEIapsed time meter (120V only) ..... \$75.00
  - 16A 10' cord in lieu of 20' (per float) ..... -\$2.00  
(Does not apply for Double Float® pump switch)
  - 16B 15' cord in lieu of 20' (per float) ..... -\$1.00
  - 16C 30' cord in lieu of 20' (per float) ..... \$5.00
  - 16D 40' cord in lieu of 20' (per float) ..... \$7.00

- CODE DESCRIPTION LIST PRICE**
- 15\_P Pump breaker (120V only) ..... \$60.00  
*specify 0 or 1 after number 15 followed by letter "P"*  
0 = 15 amp breaker (0-7 FLA)  
1 = 20 amp breaker (7-15 FLA)  
(Ex. 151P = 20 amp breaker, 7-15 FLA)
  - 17A SJE SignalMaster® / pipe clamp (alarm float) ● ..... -\$2.00
  - 17J Sensor Float® / pipe clamp (alarm float) ▲ ..... \$0.00
  - 22F PSP Assembly Kit (120V or 230V only) ..... \$55.00

● Mechanically-activated ▲ Mercury-activated

**SAMPLE**

<p><b>MODEL</b></p> <p>120V Alarm Model <input type="checkbox"/> PSP <input type="checkbox"/> 120V <input type="checkbox"/> 2 <input type="checkbox"/> H <input type="checkbox"/> 16C 17A</p> <p>Starting Device</p> <p>Float Switch Application</p> <p>Options: 30' Cord in lieu of 20', SJE SignalMaster®</p>	<p>PSP ..... See List Price</p> <p>120V ..... Base</p> <p>2 ..... \$60.00</p> <p>H ..... Base</p> <p>16C ..... \$10.00</p> <p>17A ..... -\$2.00</p> <hr/> <p><b>TOTAL LIST PRICE</b>      \$XXX.XX</p>
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