

# 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 employs a receptacle to accept a 120 VAC pump and piggy-back style pump switch.

The sleek, angled design of the clear enclosure includes a removable cover for easy access for field wiring. All internal components are sealed within the cover for protection from the elements. The red LED illuminates the cover in an alarm condition for easy 360° visual identification. Available with or without 32" mounting post.

## FEATURES

- Controller meets Type 3R watertight standards and is designed for outdoor use
- Built-in high water alarm
- Removable cover provides greater access for field wiring and service
- Controller can be purchased with standard 5" square plastic post or can be mounted on 4" schedule 40/80 PVC pipe or conduit (customer supplied)
- Automatic alarm reset, horn silence and alarm test
- 360° visual alarm; audible alarm
- Red LED illuminates cover in alarm condition
- Green Power On light
- Auxiliary alarm contacts included for easy attachment of remote alarm
- Receptacle for easy connection of pump and piggy-back pump switch
- Cord seal included for sealing switches and pump cable
- Electrical potting cavity provides easy reliable method to seal power cables (user to provide duct seal)

## OPTIONS

- Mercury or mechanical pump switches
- Various cord lengths
- Riser assembly adapter
- Dual alarm (2nd alarm input - yellow LED illuminates cover in alarm condition)
- Elapsed Time Meter (ETM)
- Pump circuit breaker
- Available with or without 32" post



Shown with mounting post  
U.S. Patent Nos. D 780,703  
and 9,472,932



**PS PATROL®** - Provides convenient wiring connection and system monitoring for pump station applications.

Part #	Pre-configured Panels for Easy Ordering	FLA	Shipping Weight	List Price
1022728	PSP2 120V, 120V Alarm, No Pump Switch; 20' SJE SignalMaster®, with Mounting Post	0-15	13 lbs.	\$439.81
1019021	PSP2 120V, 120V Alarm, No Pump Switch, 20A Circuit Breaker, with Mounting Post	7-15	13 lbs.	\$544.80
1022575	PSP2 120V, 120V Alarm, ETM, 20' SJE SignalMaster®, with Mounting Post	0-15	14 lbs.	\$547.96
1022577	PSP2 120V, 120V DUO Alarm, ETM, 20' SJE SignalMaster® & VRS, with Mounting Post	0-15	15 lbs.	\$737.48
1018434	PSP2 120V, No Alarm, No Pump Switch; Remote TAAB, 15' SJE SignalMaster®, with Mounting Post	0-15	16 lbs.	\$460.41
1011551	Assembly Kit - Riser Extension Coupling and Washers	N/A	10 lbs.	\$97.52

<b>PSP2</b>	<b>120V</b>			
CONTROL PANEL	MODEL TYPE	STARTING DEVICE	LEVEL CONTROL APPLICATION	OPTIONS (LISTED BELOW)

CONTROL PANEL	✓	PSP2		
MODEL TYPE	✓	120V	120V	\$396.55
STARTING DEVICE		1	SJE PumpMaster® Pump Switch (0-13 FLA) - Mechanical	\$65.92
		2	SJE PumpMaster® Plus Pump Switch (0-15 FLA) - Mechanical	\$86.52
		3	120V Double Float® Pump Switch (0-15 FLA) - Mercury	\$143.17
		6	No Pump Switch	Base
		7	120V Double Float® Master Pump Switch (0-15 FLA) - Mechanical	\$126.69
LEVEL CONTROL APPLICATION		H	Pump Down (select Option 17 below)	See Options
		X	No Floats	Base

<b>PRICING WORKSHEET</b>	PS Patrol® Base Price	\$396.55
	Starting Device	
	Level Control Application	
	Total Options	
	<b>TOTAL LIST PRICE</b>	

OPTIONS	DESCRIPTION	LIST PRICE
1J	Duo Alarm Inputs	\$97.85
1V	Vertical Reed Switch (must select Option 1J)	\$91.67
8A	Elapsed Time Meter	\$108.15
10X	No Mounting Post	- \$35.00
15_P	Pump Breaker - 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) Example: 151P = 20 Amp Breaker, 7-15 FLA	\$97.85

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
17A	SJE SignalMaster® / Pipe Clamp (Alarm Float) - Mechanical	\$43.26
17J	Sensor Float® / Pipe Clamp (Alarm Float) - Mercury	\$50.40
22F	PSP Assembly Kit	\$82.40

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

## SPECIFICATIONS

**ALARM VOLTAGE:** 120 VAC

**PUMP VOLTAGE:** 120 VAC

**ENCLOSURE SIZE:** Controller with post 5 x 5 x 39 inches  
(12.7 x 12.7 x 99.06 cm)  
Controller without post 5 x 5 x 8 inches  
(12.7 x 12.7 x 20.32 cm)

**RECEPTACLE:** 120 VAC - NEMA type 5-15

**AUXILIARY CONTACTS:** 120 VAC, 0.5 amps max., 50/60 Hz,  
(circuit not supervised)

**ALARM HORN:** 82 decibels at 10 feet

**ALARM FLOAT:** SJE SignalMaster® control switch with mounting clamp