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

SJE RHOMBUS®

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

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

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

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

PRICING WORKSHEET

PS Patrol® Base Price _____

Starting Device _____

Level Control Application _____

Total Options _____

TOTAL LIST PRICE _____

	OPTIONS	DESCRIPTION
	1J	Duo Alarm Inputs
	1V	Vertical Reed Switch (must select Option 1J)
	8A	Elapsed Time Meter
	10X	No Mounting Post
	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

	OPTIONS	DESCRIPTION
	16C	30' Cord in Lieu of 20' Cord (per float)
	16D	40' Cord in Lieu of 20' Cord (per float)
	17A	SJE SignalMaster® / Pipe Clamp (Alarm Float) - Mechanical
	17J	Sensor Float® / Pipe Clamp (Alarm Float) - Mercury
	22F	PSP Assembly Kit

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