

# Septronics,® Inc.

Junction Boxes • Pedestals • Control Panels • Pump Controls • Alarms • Float Switches

## Septronics® Exterior Pump Controls with Exterior Alarms

### Jiffy Junction (JJ) Pedestal Mounted Exterior Alarm/Pump Controls

#### JJ – Jiffy Junction

Pedestal Mount exterior pump/alarm control. Includes Alarm Switch.

JJ1 – 120V JJ (Order #2001)

JJ2 – 240V JJ (Order #2002)

#### JJB – JJ w/ Event Counter

Pedestal Mount exterior pump/alarm control includes electromechanical Event Counter to keep track of the cumulative number of pump cycles. Includes Alarm Switch.

JJ1B – 120V JJ w/ Event Counter (Order #2005)

JJ2B – 240V JJ w/ Event Counter (Order #2006)

#### JJD – JJ w/ Dual Exterior Alarm

Pedestal Mount exterior pump/dual alarm control. Monitors both pump & filter. Includes Alarm Switch.

JJ1D – 120V JJ w/ Dual Exterior Alarm (Order #2041)

JJ2D – 240V JJ w/ Dual Exterior Alarm (Order #2042)

#### JJDB – JJ w/ Dual Ext. Alarm & Event Counter

Pedestal Mount exterior pump/dual alarm control includes electromechanical Event Counter to keep track of the cumulative number of pump cycles. Monitors both pump & filter. Includes Alarm Switch.

JJ1DB – 120V JJ w/ Dual Ext. Alarm & Event Counter (Order #2043)

JJ2DB – 240V JJ w/ Dual Ext. Alarm & Event Counter (Order #2044)

JJ1DBXP – 120V JJ w/ Dual Ext. Alarm, Event Counter: No Pedestal (Order #2067)

#### JJCB – Jiffy Junction w/ Mini Circuit Breaker

Pedestal Mount exterior pump/alarm control includes Pop Breaker. Use when only one power line is running from the Main Breaker. The Pop Breaker will trip allowing the alarm to still function.

JJ1CB – 120V JJ w/ Pop Breaker (Order #2066)

JJ1CBXP – 120V JJ w/ Pop Breaker: No Pedestal (Order #2069)

#### JJHOA – Jiffy Junction w/ H-O-A Switch **NEW**

Pedestal Mount exterior pump/alarm control. No receptacle, Manual On/Power Off/Pump Run Switch.

JJ1HOA – 120V JJ w/ HOA Switch (Order #2022)

#### JJ XP – Jiffy Junction Box

Wall Mount JJ unit. No Pedestal. Includes Brackets.

JJ1XP – 120V JJ w/ Mount Brackets (Order #2064)

JJ2XP – 240V JJ w/ Mount Brackets (Order #2065)

#### PJL – Pedestal Jiffy with Visual Alarm Only

Pedestal Mount pump control with exterior visual alarm light. Does not include an Audible Alarm.

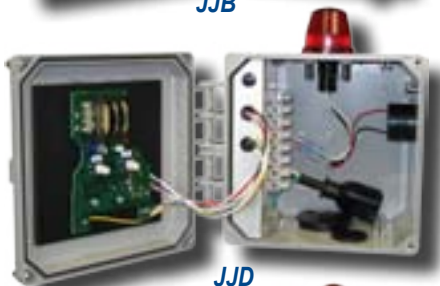
PJ1L – 120V PJ w/ Light Only (Order #2141)



JJ



JJB



JJD



JJDB



JJCB



JJHOA



Control a pump and monitor the liquid level of the tank in these exterior pump/alarm units. Plug your pump into the corded receptacle in the Junction Box. Silence the horn and the light will remain illuminated until the liquid returns to an appropriate level. Most units available for both 120V and 240V systems.

#### FEATURES/SPECIFICATIONS

- Alarm Voltage: 120V AC, 60 HZ, 1 PH
- Battery Back-Up (JJ1D, JJ2D, JJ1DB, JJ2DB)
- Automatic Reset (JJ1D, JJ2D, JJ1DB, JJ2DB)
- Alarm Fuse • Alarm Test
- Alarm Horn: 83-85 db • Horn Silence
- Alarm Light: 360° Visibility
- Pump Voltage:
  - 120V AC, 60 HZ, Single Phase, 1 HP
  - 240V AC, 60 HZ, Single Phase, 2 HP
- Watertight Junction Box for Wire Splices
- High Impact Poly Pedestal for Wire Protection
- Gas Tight Cord Seals for Corrosion Protection
- Removable Terminal Board for Easy Hook-up
- Corded Pump Receptacle
- Pipe Nipple w/ 3 Locknuts • Stainless Hardware
- Alarm Control Switch: 15' Cord
- Three Year Limited Warranty

Patents: 5696,493 • DES 395,038 • DES 432,933

# Septronics® Exterior Pump Controls with Interior Alarms



Dual Terminal Board



HOA Switch Terminal Board



Event Counter Terminal Board



Event Counter/Dual Terminal Board



Std. Terminal Board



Dual Interior Alarm System

## Pedestal Mini Jiffy (PMJ) Pedestal Mounted Controls

### PMJ – Pedestal Mini Jiffy

Pedestal Mount pump/alarm unit. Includes Interior (TM1) Alarm System.

PMJ1 – 120V PMJ (#2101)

PMJ2 – 240V PMJ (#2102)

PMJ138 – 120V PMJ w/ 35" Tall Pedestal (#2103)

PMJ238 – 240V PMJ w/ 35" Tall Pedestal (#2104)

### PMJX – No Alarm

Pedestal Mount pump/alarm junction box with molded pipe nipple. No Interior Alarm System.

PMJ1X – 120V PMJ (#2188)

PMJ2X – 240V PMJ (#2199)

PMJ1X38 – 120V PMJ w/ 35" Tall Pedestal (#2187)

### PMJB – PMJ w/ Event Counter

Pedestal Mount pump/alarm control junction box. Includes electromechanical Event Counter on the pump control terminal board to keep track of the cumulative number of pump cycles. Includes Interior (TM1) Alarm System.

PMJ1B – 120V PMJ w/ Event Counter (Order #2105)

PMJ2B – 240V PMJ w/ Event Counter (Order #2106)

### PMJDB – PMJ w/ Event Counter & Dual Alarm

Pedestal Mount pump/alarm control junction box. Includes electromechanical Event Counter on the pump control terminal board to keep track of the cumulative number of pump cycles. Includes Dual Interior (TM2) Alarm System.

PMJ1DB – 120V PMJ w/ Event Counter & Dual Alarm (Order #2108)

PMJ1DB38 – 120V PMJ w/ Event Counter, Dual Alarm, 35" Pedestal (Order #2146)

PMJ2DB – 240V PMJ w/ Event Counter & Dual Alarm (Order #2107)

### PMJD – PMJ w/ Dual Alarm

Pedestal Mount pump/alarm control junction box. Includes Dual Interior (TM2) Alarm System.

PMJ1D – 120V PMJ w/ Dual Alarm (Order #2109)

PMJ2D – 240V PMJ w/ Dual Alarm (Order #2110)

### PMJDBX – PMJ w/ Event Counter & 6-Pole Terminal Board

Pedestal Mount dual pump/alarm control junction box. Includes electromechanical Event Counter on the pump control terminal board to keep track of the cumulative number of pump cycles. No Dual Alarm System.

PMJ1DBX – 120V PMJ w/ Event Counter & 6 Pole Terminal Board (Order #2189)

PMJ2DBX – 240V PMJ w/ Event Counter & 6 Pole Terminal Board (Order #2190)



Std. Interior Alarm System

## Mini Jiffy Junction Box (MJJ) Low Profile Controls

### MJJ – Mini Jiffy

Low profile pump/alarm unit. Includes Interior Alarm System.

MJJ1 – 120V MJJ (#2201)

MJJ2 – 240V MJJ (#2202)

MJJ1PMD – 120V MJJ w/ Pump Switch (#2211)

MJJ2PMD – 240V MJJ w/ Pump Switch (#2212)

### MJJX – No Alarm

Low profile pump/alarm junction box with molded pipe nipple. No Interior Alarm System.

MJJ1X – 120V MJJ (#2288)

MJJ2X – 240V MJJ (#2299)

### MJJB – MJJ w/ Event Counter

An electromechanical Event Counter on the pump control terminal board keeps track of the cumulative number of pump cycles. Includes Interior (TM1) Alarm System.

MJJ1B – 120V MJJ w/ Event Counter (#2205)

MJJ2B – 240V MJJ w/ Event Counter (#2206)

### MJJD – MJJ w/ Dual Interior Alarm

Low profile pump/alarm control junction box with a molded pipe nipple. Includes Dual Interior (TM2) Alarm System.

MJJ1D – 120V MJJ w/ Dual Interior Alarm (#2203)

MJJ2D – 240V MJJ w/ Dual Interior Alarm (#2204)

### MJJDB – MJJ w/ Dual Interior Alarm & Event Counter

Low profile pump/alarm control junction box. An electromechanical Event Counter on the pump control terminal board keeps track of the cumulative number of pump cycles. Includes Dual Interior (TM2) Alarm System.

MJJ1DB – 120V MJJ w/ Dual Interior Alarm & Event Counter (#2208)

MJJ2DB – 240V MJJ w/ Dual Interior Alarm & Event Counter (#2209)

Pedestal Mini Jiffy (PMJ) units and Mini Jiffy (MJJ) units are constructed to control a pump and monitor the liquid level of the tank. The pump plugs into a corded receptacle on a removable terminal board located in the Junction Box. Interior Alarm Systems included, unless indicated.

MJJ units have a molded-in 2" pipe nipple that slides directly through the riser.

PMJ units have a separate junction box connected to a UV inhibited pedestal that conceals and protects wires. Select Pipe Nipple size with Cord Seal for Riser connect point.

## FEATURES/SPECIFICATIONS

### Interior Alarm System

- Voltage: 120V AC, 60 Hz — 14V to Switch
- Battery Back-up: 9V - 15V
- Horn: Pulsing, 83-85 db • Horn Silence
- Lights: LED's (Light Emitting Diodes)
- Alarm Test • Control Switch: 15' Cord

## FEATURES/SPECIFICATIONS

### Exterior Pedestal and Low Profile Units

- Pump Section Voltage: 120V and 240V  
120V AC, 60 HZ, 1 Phase, 1 HP  
240V AC, 60 HZ, 1 Phase, 2 HP
- Enclosure: 7.0" x 7.0" x 5.0" PVC  
Hinged Door w/ Captive Bolts
- Removable Terminal Board for Easy Hook-Up
- Corded Pump/Pump Switch Receptacle
- Stainless Steel Hardware
- Gas Tight Cord Seals for Corrosion Protection
- Pedestal Units (PMJ) Include:  
Poly Pedestal with Access Door  
Pipe Nipple w/ 3 Locknuts: 2.0" or 2.5"
- Low Profile Units (MJJ) Include:  
Molded 2" Pipe Nipple to slip thru Riser  
Locknut for Pipe Nipple
- Three Year Limited Warranty



# Septronics® Interior and Exterior Liquid Level Alarms

## Dual Liquid Level Alarms Exterior and Interior

### TM2 – Dual Interior Alarm

120V Interior Dual Liquid Level Audiovisual Alarm. Automatic Reset. Includes Alarm Switch. (Order #2502)

### TS150 – 120V Exterior Pedestal Dual Alarm

120V Exterior Pedestal Dual Liquid Level Audiovisual Alarm. Automatic Reset. Includes Alarm Switch. (Order #2350)

### TS150XP – 120V Exterior Wall Mount Dual Alarm

No Pedestal is attached to this 120V Exterior/Interior Wall Mount Liquid Level Dual Audiovisual Alarm. Automatic Reset. Includes Alarm Switch. (Order #2351)



### DUAL ALARM SPECIFICATIONS

- Primary Alarm Voltage: 120V AC, 60 Hz
- Secondary Battery Backup: 9V - 15V (TM)
- Alarm Horn: 83-85 db Pulse • Horn Silence
- Alarm Test
- Red Alarm LED • Green Power-On LED
- Yellow Filter Alarm LED
- Ext. Alarm Light: • 360° Visibility (TS150)
- Touch Pad Operation • Automatic Alarm Reset
- Enclosure: 7.0" x 7.0" x 5.0" PVC (TS150)
- Poly Pedestal Mount or Wall Mount (TS150)

### SINGLE ALARM SPECIFICATIONS

- Alarm Voltage: 120V AC, 60 HZ, 1 PH
- Secondary Battery Backup: 9V - 15V (TM)
- Alarm Fuse: 1 Amp (TS)
- Alarm Horn: 83-85 db • Horn Silence
- Alarm Test
- Alarm Light: 10 Watts • 360° Visibility (TS)
- Red Alarm LED • Green Power-On LED (TM)
- Touch Pad Operation • Auto Alarm Reset (TM)
- Enclosure: 7.0" x 7.0" x 5.0" PVC (TS)
- Poly Pedestal Mount or Wall Mount (TS150)



## Single Liquid Level Alarms Exterior and Interior

### TM1 – Interior Alarm

120V Interior Liquid Level Audiovisual Alarm. Automatic Reset. Includes Alarm Switch. (Order #2501)

### TM1AA – Interior Alarm w/ Auxiliary Contacts

120V Interior Liquid Level Audiovisual Alarm.w/ Remote Dry Contacts. Automatic Reset. Includes Alarm Switch. (Order #2503)

### TS100XP – 120V Exterior Wall Mount Alarm

120V Exterior/Interior Liquid Level Audiovisual Alarm. Includes Alarm Switch and Mounting Brackets. (Order #2331)

### TS1SXP – 120V Ext. Alarm w/ External Silence

120V Exterior/Interior Liquid Level Audiovisual Alarm w/ External Horn Silence Toggle with Toggle Boot. Includes Mounting Brackets. (Order #2332) **NEW**

### TS100 – 120V Exterior Pedestal Mount Alarm

120V Exterior Pedestal Liquid Level Audiovisual Alarm. Includes Alarm Switch. (Order #2301)



# Septronics® Float Switches

Control • Standard Duty • Heavy Duty • Single Pole Double Throw • Vertical



## Mechanical Pump Switches

- Type: Wide Angle 90° Piggyback Pump
- Operate sump, sewage or effluent pumps & alarms
- 120V or 240V • AC or DC • Low Voltage Use
- Std Duty: 13 Amps @ 120V/240 V AC, 1/2 -1 HP
- Hvy Duty: 15 Amps @ 120V/240 V AC, 1-2 HP
- ABS Switch Housing: 2.625" Dia. x 4.625"
- Temperature Rating: 186°F
- Cord: 16/2 (Std. Dty) or 14/2 (Heavy Dty) SJOW
- Normally Closed (Pump Up)
- Normally Open (Pump Down)



## Mechanical Control Switches

- Operate Alarms
- Rated 10 Amps @120V AC
- AC or DC • Low Voltage Use
- ABS Switch Housing
- Narrow Angle: 30°
- Cord: 15' - 16/2 SJO
- Normally Closed
- Normally Open



## Vertical Switches

- Operate submersible or effluent pumps
- Not recommended for sewage applications
- Standard Vertical Switch:
  - Rated: 10 Amps @ 120V AC, 1/2 HP
  - Rated: 10 Amps @ 240V AC, 1 HP
- Std Dim: 3.6" Dia. x 12.5" • Pump Range: 0" - 5.5"
- Long Dim: 3.6" Dia. x 14.0" • Pump Range: 0" - 12"
- Long Vertical Switch: Rated 15 Amps @ 120V
- Stainless Steel Bracket Mount
- Normally Closed (Pump Up)
- Normally Open (Pump Down)

[www.septronicsinc.com](http://www.septronicsinc.com)

# **Septronics® Build your own Septronics Unit**

A wide array of parts and accessories for custom units are listed online at [www.septronicsinc.com](http://www.septronicsinc.com). Pick your own parts or contact Septronics with a "Request For Quote" if you would like assistance. Technical staff are available to help you select the complete set of materials you would need to build a custom unit. A sample of the most popular parts used for custom-built units are listed below.

#### **Aluminum Terminal Boards**

Removable 120V or 240V Terminal Boards slide into 3 different guide positions. Available with Event Counters, HOA switch, receptacle, ground lug and terminal block.

#### **Poly Pedestals w/ Hardware**

6.75" x 5.25" pedestals of various heights.

#### **Watertight PVC Junction Box**

Hinged Door, Gasket, Captive SS Door Bolts, and Bosses. Interior Dim: 6.5" x 6.5" x 4.25"

#### **Wall Mount Brackets w/ Hardware**

#### **Split Rubber Cord Seals**

2-hole flat-wire split & 3-hole round-split Seals.

#### **Pipe Nipple with Locknuts & Cord Seal**

2" and 2.5" Pipe Nipples w/ Locknuts & Cord Seal.

## **Control Panels**

Septronics carries a range of single phase control panels. These 120V or 240V Simplex, Time Dose, and Duplex control panels include cycle counters, elapsed time meters, duplex alternation, and time dose meters. Please visit [www.septronicsinc.com](http://www.septronicsinc.com) to see this range of panels along with their features, photos, and installation information. If you are in need of a customized panel, fill out the "Request for Quote" and technical staff will respond with a quote to your specifications.



# **[www.septronicsinc.com](http://www.septronicsinc.com)**