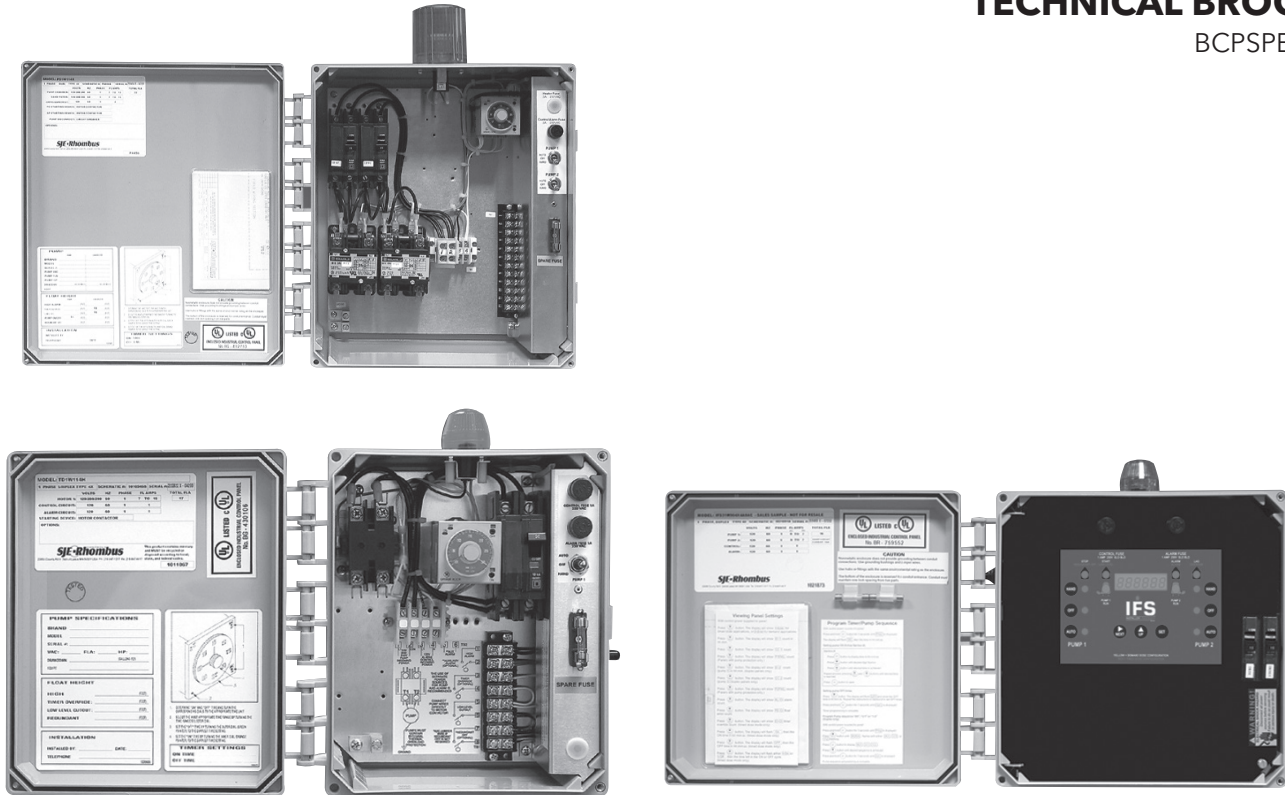




Specialty Panels

Wastewater

OFFERING:

- Outdoor panels for sump, effluent and wastewater systems as well as cisterns, storage tanks and irrigation.
- Installer Friendly Series®
- Simplex Time Dose and Duplex Time Dose Panel
- Drip Panels
- PS Control Panel
- PS Patrol® Junction Alarm

DESCRIPTION: Designed for Easy-Use Programming and Monitoring with Touch Pad on inner door. Demand or Time Dose operation option available.

SINGLE PHASE INSTALLER FRIENDLY SERIES® DEMAND / TIME DOSE SYSTEM

Part #	Enclosure	SJE Description	System Configuration	Voltage	Amp Range	Type of Float	# of Floats	Length of Cord	Listing
S1IFS07	Nema 4X	Installer Friendly Demand series (Time Dose Option \$75 list adder (TD suffix))	Simplex	115/208/230V	0-7A	SJE Milli-Amp-Master™	3	20	UL
S1IFS15					7-15A				
S1IFS20					15-20A				
D1IFS07	Nema 4X	Installer Friendly Demand series (Time Dose Option \$75 list adder (TD suffix))	Duplex	115/208/230V	0-7A	SJE Milli-Amp-Master™	3	20	UL
D1IFS15					7-15A				
D1IFS20					15-20A				

FEATURES:

- Alarm Power Indicator - LED indicator for alarm
- Alarm Replace Indicator - Indicates alarm fuse blown
- Control Power Indicator
- Hand-Off-Auto Buttons and Indicators
- Float Status LED - Indicator on activation and float out of sequence alarm
- Pump Run Indication
- 7-segment LED Display - High water, float status and sequence error, low level, standard dose count, power fail count, on/off pump count, runs, peak dose count
- Nema 4X
- Red Alarm Light
- Exterior Alarm Test
- Circuit Breakers
- Power Relay
- UL/cUL Listed
- 3 - SJE MilliAmpMaster Floats - 20' cord included



THREE PHASE INSTALLER FRIENDLY SERIES*

- FEATURES:**
- Nema 4X
 - Alarm Power Indicator - LED Indicator for Alarm
 - Alarm Replace Indicator - Indicates alarm fuse blown
 - Control Power Indicator
 - Hand-Off-Auto Buttons and Indicators
 - Motor Circuit Protection
 - Multi-tap Transformer
 - Red Alarm Light
 - Alarm Horn
 - 3 SJE MilliAmpMaster™ Floats
 - UL/cUL Listed

Part #	Enclosure	SJE Description	System Configuration	Voltage	Amp Range	Type of Float	# of Floats	Length of Cord	Listing
S3IFS1016	Nema 4X	IFS Three Phase 1.0-1.6 amps	Simplex	208/ 230/ 460V	1.0-1.6A	SJE Milli-Amp-Master™	3	20	UL
S3IFS1625		IFS Three Phase 1.6-2.5 amps			1.6-2.5A				
S3IFS2540		IFS Three Phase 2.5-4.0 amps			2.5-4.0A				
S3IFS4063		IFS Three Phase 4.0-6.3 amps			4.0-6.3A				
S3IFS6010		IFS Three Phase 6.0-10 amps			6.0-10A				
S3IFS9014		IFS Three Phase 9.0-14 amps			9-14A				
S3IFS1318		IFS Three Phase 13-18 amps			13-18A				
S3IFS1723		IFS Three Phase 17-23 amps			17-23A				
S3IFS2025		IFS Three Phase 20-25 amps			20-25A				
D3IFS1016	Nema 4X	IFS Three Phase 1.0-1.6 amps	Duplex	208/ 230/ 460V	1.0-1.6A	SJE Milli-Amp-Master™	3	20	UL
D3IFS1625		IFS Three Phase 1.6-2.5 amps			1.6-2.5A				
D3IFS2540		IFS Three Phase 2.5-4.0 amps			2.5-4.0A				
D3IFS4063		IFS Three Phase 4.0-6.3 amps			4.0-6.3A				
D3IFS6010		IFS Three Phase 6.0-10 amps			6.0-10A				
D3IFS9014		IFS Three Phase 9.0-14 amps			9-14A				
D3IFS1318		IFS Three Phase 13-18 amps			13-18A				
D3IFS1723		IFS Three Phase 17-23 amps			17-23A				
D3IFS2025		IFS Three Phase 20-25 amps			20-25A				

DESCRIPTION: 3-phase panel equipped with easy Use Touch Pad for programming and monitoring.

INSTALLER FRIENDLY SERIES® DRIP CONTROL PANEL

Part #	Enclosure	SJE Description	System Configuration	Voltage	Amp Range	Type of Float	# of Floats	Length of Cord	Listing
S1FS15	Nema 4X	Installer Friendly Drip	Simplex	115/ 208/ 230V	7-15A	SJE Milli-Amp-Master™	4	20	UL
S1FSP15		Installer Friendly Drip with Pressure Switch							

DESCRIPTION: Designed to control Sub-Surface irrigation System - Touch Pad controls for easy to use monitoring.

FEATURES:

- Alarm Power Indicator - LED indicator for alarm
- Alarm Replace Indicator - Indicates alarm fuse blown
- Control Power Indicator
- Hand-Off-Auto Buttons and Indicators
- Float Status LED - Indicator on activation and float out of sequence alarm
- Pump Run Indication
- Cycle Status Indicator - Indicates which cycle system is in
- Advance and Pause Cycle Button
- Count Indicator
- Programming Indicator
- Flush Valve Indication
- 7-segment LED Display - High water, float status and sequence error, low level, standard dose count, power fail count, on/off pump count, runs, peak dose count
- Nema 4X
- Red Alarm Light
- Exterior Alarm Test and Silence
- Circuit Breakers
- Magnetic Contactor
- UL/cUL Listed
- 4 - Mechanical Floats with 20' Lead
- P-version comes with Pressure Switch for Aerobic Applications



Wastewater

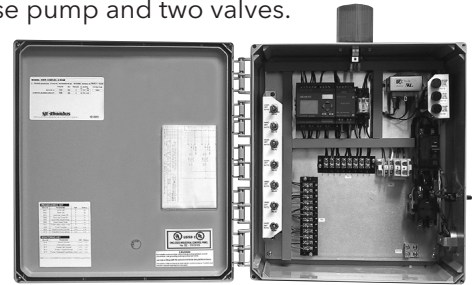
DRIP PANEL

Part #	En-closure	SJE Description	System Configuration	Voltage	Amp Range	Type of Float	# of Floats	Length of Cord	Listing
S11DP15	Nema 4X	DP1 panel hyd-controlled Ratch. Valve	Simplex	115/230V	7-15A	SJE Pump-Master® Plus	4	20	UL
S12DP15		DP2 panel operate up to 4 electro-mech valves 120/230							

DESCRIPTION: PLC subsurface drip panel which controls one single phase pump and two valves.

FEATURES:

- Nema 4X
- Magnetic Contactor
- Red Alarm Light
- Exterior Alarm Test
- Circuit Breakers
- Hand-Off-Auto Buttons and Indicators
- Touch Pad Counting Functions - ETM, cycle counter, pump fail, high level, override float
- 4 - SJE MilliAmpMaster™ 20' Floats
- UL/cUL Listed



RECEPTACLE PANEL

Part #	En-closure	SJE Description	System Configuration	Voltage	Amp Range	Type of Float	# of Floats	Length of Cord	Listing
S120RP1	Nema 4X	RP-1 1 HP 120 volt	Simplex	115V	0-15A	SJE Pump-Master®/SignalMaster®	1 of each	20	UL
S120RP2		RP-2 2HP		208/230V					

DESCRIPTION: Provides a reliable means of controlling a single phase pump and alarm device.

FEATURES:

- Nema 4X
- Red Alarm Light
- Alarm Horn
- Receptacle for use with piggy back pump switch
- 1 - SJE PumpMaster® Plus 20' floats, 1 SJE SignalMaster™ switch
- UL/cUL Listed



PS CONTROL PANEL

Part #	En-closure	SJE Description	System Configuration	Voltage	Amp Range	Type of Float	# of Floats	Length of Cord	Listing
S1PS07	Nema 4X	PS Control Panel 0-7 amp 115V/208/240	Simplex	115/208/230V	0-7A	SJE Pump-Master® Plus	4	20	UL
S1PS15		PS Control Panel 7-15 amp 115V/208/240			7-15A				
S1PS20		PS Control Panel 15-20 amp 115V/208/240			15-20A				

DESCRIPTION: Provides reliable means of controlling pump chamber and sand filter pumps in an onsite septic installation.

FEATURES:

- Nema 4X
- Magnetic Contactor for both pumps
- Programmable Timer for pump chamber on and off setting of .05 seconds to 30 hours
- Circuit Breakers for both pumps
- Red Alarm Light
- Alarm Horn
- 3 - SJE PumpMaster® Plus 20'
- 1 - SJE PumpMaster® SPDT
- UL/cUL Listed



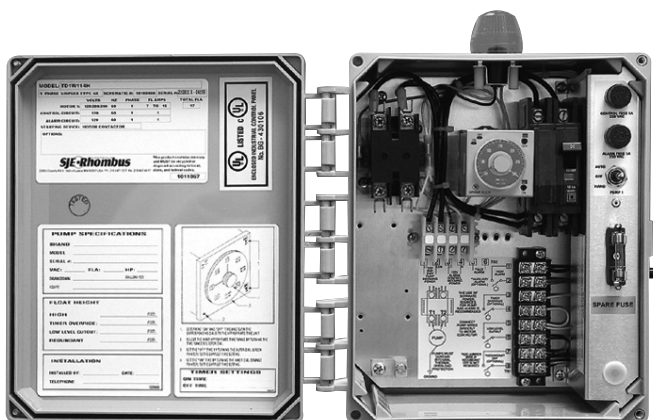
TIME DOSE AND DUPLEX TIME DOSE PANEL

Part #	En-closure	SJE Description	System Configuration	Voltage	Amp Range	Type of Float	# of Floats	Length of Cord	Listing
S1TD107	Nema 4X	TD Panel 0-7 amp 1 HP 115 volt	Simplex	115V	0-7A	SJE Pump-Master®	2	20	UL
S1TD115		TD Panel 7-15 amp 1 HP 115 volt			7-15A				
S1TD120		TD Panel 15-20 amp 1 HP 115 volt			15-20A				
S1TD207		TD Panel 0-7 amp 2 HP 115/208/230		115/ 208/ 230V	0-7A				
S1TD215		TD Panel 7-15 amp 2 HP 115/208/230			7-15A				
S1TD220		TD Panel 15-20 amp 2 HP 115/208/230			15-20A				
D1TD107		DTD Panel 0-7 amp 1 HP 115 volt	Duplex	115V	0-7A	SJE Pump-Master®	2	20	UL
D1TD220		DTD Panel 15-20 amp 2 HP 115/208/230		115/208/ 230V	15-20A				

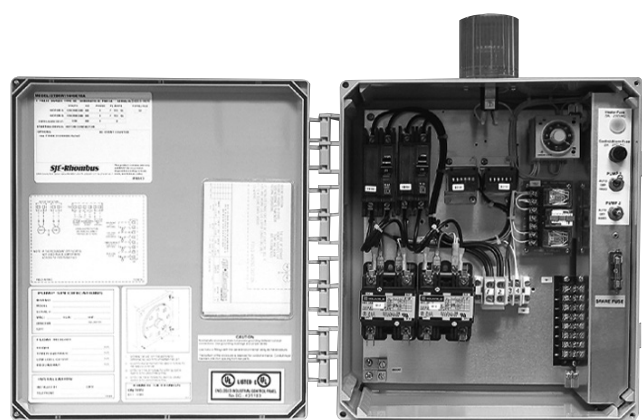
DESCRIPTION: Programmable timer panel activates a magnetic contactor to turn one pump on and off in an onsite septic installation. Redundant off overrides timer to protect the pump from running dry.

FEATURES:

- Nema 4X
- Magnetic Contactor
- Hand-Off-Auto Buttons and Indicators
- Programmable Timer for pump on and off setting of .05 seconds to 30 hours
- Circuit Breakers
- Red Alarm Light
- Alarm Horn
- 2 SJE PumpMaster® pump switch
- UL/cUL Listed



Time Dose Panel



Duplex Time Dose Panel

INNOVATIVE FLOATLESS TECHNOLOGY

The simple and accurate C-Level™ Sensor converts the water pressure in a tank into a low voltage electrical signal that is read by a variety of level monitoring products manufactured exclusively by SJE-Rhombus. This innovative technology provides for continuous level monitoring of tank applications and is backed by an industry-leading five-year limited warranty.

C-Level Sensor Features:

- Operates on low voltage
- Compact, non-moving design works well in wastewater pump tanks, confined space applications and systems with a high grease content
- One sensor replaces up to four floats
- Easy to install
- Available in cable lengths up to 300 ft. (91.44 m)
- Excellent alternative to mercury floats

Specifications for C-Level Sensor:**ELECTRICAL:**

Input Power: 12 VDC 100 mA max.

Output: Variable Frequency Signal

CABLE LENGTH:

20 Gauge, 20 foot cable, 300 feet (91 meters) maximum spliced length **NOTE:** Cable splicing permitted only if done in dry water proof enclosure and shielded wires are used.

PHYSICAL:

Sensor Length: 5.0 inches (12.7 cm)

Sensor Diameter: 2.0 inches (5 cm)

Mounting: Stainless steel cable clamp on sensor and vent housing

OPERATING:

Fluid Compatibility's: water, sewage

Maximum Submersion Depth Sensor: 10 ft. water (3 m water)

Maximum Environment Temperature: 120°F (50°C) wet or dry

Sensor Zero Point: Approximately 2 inches from bottom of sensor

Recommended Minimum Operation Level: 3 inches water measured from sensor zero point

Repeatability: +/- 5% full scale

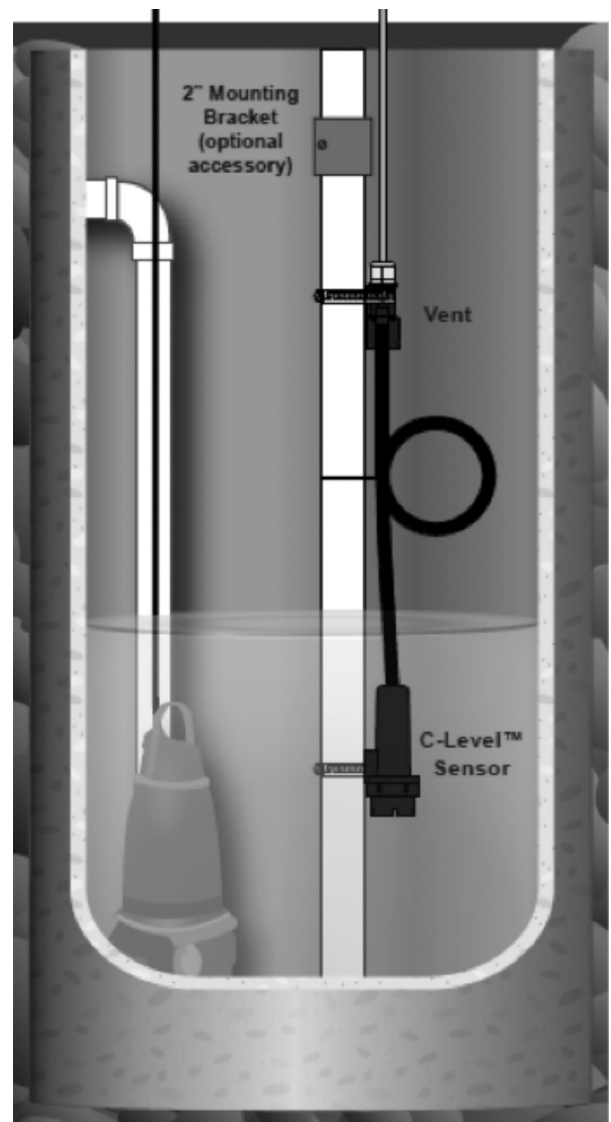
Range: 40 inch or 100 inch (depending on model)

COMPONENT PARTS:

Sensor and Vent Housing Material: PVC

Color: Black

Isolation Bladder: Bellow design to increase surface area and reduce effect of temperature change. Oil filled to isolate sensor from sewage or corrosive environment.



Vent Tubing Material: 4 foot PVC. Electrical cable ran inside vent tube to increase kink resistance of tube preventing plugging of vent.

Vent: Breathable membrane which stops water intrusion

Electric Cable

Jacket Type: Type CM 3 wire 20AWG with Shield

Jacket Material: PVC

US Patent No. 8,567,242; 8,336,385; 8,650,949.

PS PATROL

Part #	En-closure	SJE Description	System Configuration	Voltage	Amp Range	Type of Float	# of Floats	Length of Cord	Listing
A8-1PS120	Nema 4X	PS Patrol 120V with alarm and Pumpmaster float 20' 0-13 amps	Simplex	115V	0-13A	Pumpmaster	2	20	CSA

FEATURES: Built-in high water alarm provides a convenient location to connect all wiring required for a pumping station installation.



- Pedestal rated for outdoor use
- Built-in high water alarm
- Pull out assembly for easy wiring
- Control Switch provides alarm activation
- Convenient test/normal/silence switch mounted externally for easy operation
- 360degree audio.visual check of alarm condition
- Separate 120v alarm and pump circuits
- CSA Certified



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