

# VIP-331 Control Panel

## Three Phase Duplex Industrial Grade Float Operated Control Panel

The **VIP-331** control panel is designed to alternately control two three phase pumps in industrial and commercial water and sewage systems using the robust DPC-4F Controller for pump sequence, alternation, lag pump delay time and alarm.

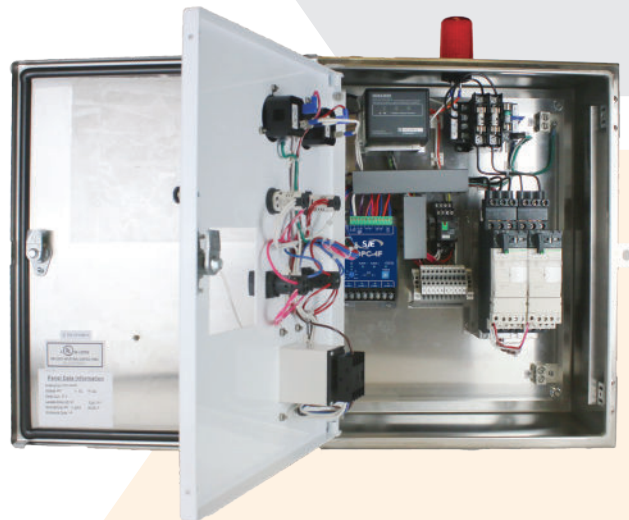
If a high water alarm condition occurs, the high water alarm float activates the audible/visual alarm system along with auxiliary contacts for remote alarm. Common applications include lift stations and pump chambers. Models available with intrinsically safe relay for extension into hazardous locations.

### FEATURES

- Padlockable wall mount NEMA 4X, stainless steel or fiberglass
- White painted steel inner door and backplate
- Single-point power connection
- IEC HP rated motor starter with adjustable class 10 ambient compensated overloads
- 10 HP max @208VAC, 230VAC
- 20 HP max @460VAC
- Pump short circuit disconnect/overload reset through inner door
- Overtemp shutdown for motor winding switches (auto reset)
- DPC-4F controller
  - Pump sequence control
  - Pump selector switch (Alt, 1-2, 2-1)
  - Pump lag delay time adjustable (0-60 sec)
  - High water alarm
  - Float out-of-sequence alarm and float reassignment during event
  - Pump call (green), control power (green), float status (amber), and alarm (red) LED indicators
- Tri-voltage stepdown control transformer
- Dual Seal Fail module for two pumps, adjustable 1k-250k $\Omega$  with red LED indicators
- Red flashing alarm beacon and audible horn
- Alarm silence and push-to-test 22mm
- Hand-Off-Auto selector switches 22mm
- Pump Run (green) LED indicators 22mm
- Elapsed time meters
- Auxiliary contacts
- 4-channel intrinsically safe relay (IS models only)



Model Shown: 1059961 VIP-331SS



Toll Free: 888-342-5753  
customer.service@sjeinc.com  
www.csicontrols.com

## VIP-331 CONTROL PANEL

| Part #  | Max FLA | Enclosure Type | Input Power VAC - PH | Description                                                    |
|---------|---------|----------------|----------------------|----------------------------------------------------------------|
| 1059961 | 32      | NEMA 4X        | 208/230/460-3        | VIP-331SS Control Panel, Stainless Steel                       |
| 1059962 | 32      | NEMA 4X        | 208/230/460-3        | VIP-331FG Control Panel, Fiberglass                            |
| 1059963 | 32      | NEMA 4X        | 208/230/460-3        | VIP-331SSIS Control Panel, Stainless Steel, Intrinsically Safe |
| 1059964 | 32      | NEMA 4X        | 208/230/460-3        | VIP-331FGIS Control Panel, Fiberglass, Intrinsically Safe      |

## OPTIONS

| Part #   | Description                       |
|----------|-----------------------------------|
| 1033805* | Overload Module 1.25 - 5.0 FLA    |
| 1023500* | Overload Module 4.5 - 18.0 FLA    |
| 1033806* | Overload Module 8.0 - 32.0 FLA    |
| 1036351  | Surge Arrestor                    |
| ---      | Pedestal Option - Consult Factory |

\*Two overload modules required for panel operation.

SEE PRICE BOOK FOR LIST PRICE.

## SPECIFICATIONS

**VOLTAGE SUPPLY:** 208/230/460 VAC 50/60 Hz 3Ø

**ENCLOSURE:** VIP-331SS: 20 x 18 x 8 inch (50.8 x 45.7 x 20.3 cm) NEMA 4X stainless steel, rated for indoor/outdoor use  
VIP-331FG: 18 x 16 x 10 inch (45.7 x 40.6 x 25.4 cm) NEMA 4X fiberglass, rated for indoor/outdoor use

**INNER DOOR & BACK PLATE:** white painted steel

**LOCKING LATCH:** (2) stainless steel VIP-331SS, or thermoplastic VIP-331FG, padlockable

**DPC-4F CONTROLLER:** Provides pump control sequence, pump selector switch, pump lag delay timer (0-60sec), high water alarm, float out-of-sequence alarm and float reassignment, green pump call-to-run LEDs, and amber float status LEDs

**FLOAT CONTROL VOLTAGE:** 12 DC

**MOTOR STARTER:** IEC motor protection switch, IEC motor contactor with disconnect/overload reset mounted through the inner door

**PUMP AMPS:** 0-32 FLA each

**ALARM HORN:** 83-85 decibel rating

**FLASHING RED LED ALARM LIGHT 360°**

**PUMP HAND-OFF-AUTO SWITCHES:** 22mm mounted on inner door

**PUMP RUN LIGHTS:** green LED, 22mm mounted on inner door

**ELAPSED TIME METER:** mounted on inner door

**DUAL SEAL FAIL MODULE:** two pumps, adjustable 1k-250kΩ, red LED's mounted on inner door

**AUXILIARY ALARM CONTACTS:** Form C, SPDT

**INTRINSICALLY SAFE MODELS:**

4 channel IS relay cUL 913 Listed

Control panel cUL 698A Listed



Toll Free: 888-342-5753  
customer.service@sjeinc.com  
www.csicontrols.com