



EZ Series In Site Control Panel with C-Level Sensor



SJE RHOMBUS EZ Series In Site Control Panel with C-Level Sensor Installation Guide

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SJE RHOMBUS EZ Series In Site Control Panel with C-Level Sensor



Specifications

- Control Panel with C-Level™ Sensor
- US Patent Nos. 10,251,284 B2; 8,336,385; 8,567,242 and 8,650,949
- UL Type 4X enclosures for indoor or outdoor use
- Five-year limited warranty on the control panel
- Two-year limited warranty on the C-Level™ sensor

FAQ

Q: What should I do if the panel is modified?

A: Warranty is void if the panel is modified. Contact technical support for assistance.

Q: How do I clean the returned product?

A: Products must be cleaned, sanitized, or decontaminated as necessary before return to prevent health hazards. Follow all applicable laws and regulations.

US Patent Nos. 10,251,284 B2; 8,336,385; 8,567,242 and 8,650,949



WARNING!

ELECTRICAL SHOCK HAZARD

Disconnect all power sources before servicing. Failure to do so could result in serious injury or death.

This control panel must be installed and serviced by a licensed electrician in accordance with the National Electric Code NFPA-70, state and local electrical codes. UL Type 4X enclosures are for indoor or outdoor use.

Warranty void if panel is modified.

For information regarding operation, available options, or servicing questions, please call SJE Rhombus Technical Support.

SJE Rhombus offers a five-year limited warranty on the control panel and a two-year limited warranty on the C-Level™ sensor.

For complete terms and conditions, please visit www.sjerhombus.com.

Products returned must be cleaned, sanitized, or decontaminated as necessary prior to shipment to ensure that employees will not be exposed to health hazards in handling said material. All applicable laws and regulations shall apply.

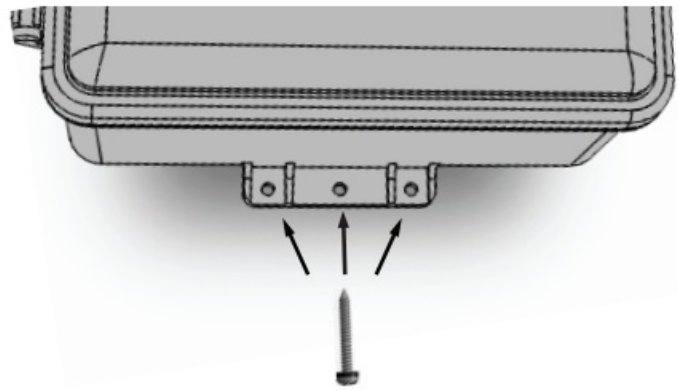
Manufactured by: SJE Rhombus
Detroit Lakes, MN, USA

Technical Support: +1 [800-746-6287](tel:800-746-6287)
techsupport@sjerhombus.com
www.sjerhombus.com

Technical Support Hours: Monday-Friday, 7 A.M. to 6 P.M. Central Time

Mounting the Control Panel

1. Install top fastener using appropriate anchor.
2. Install bottom fastener(s) using appropriate anchors.

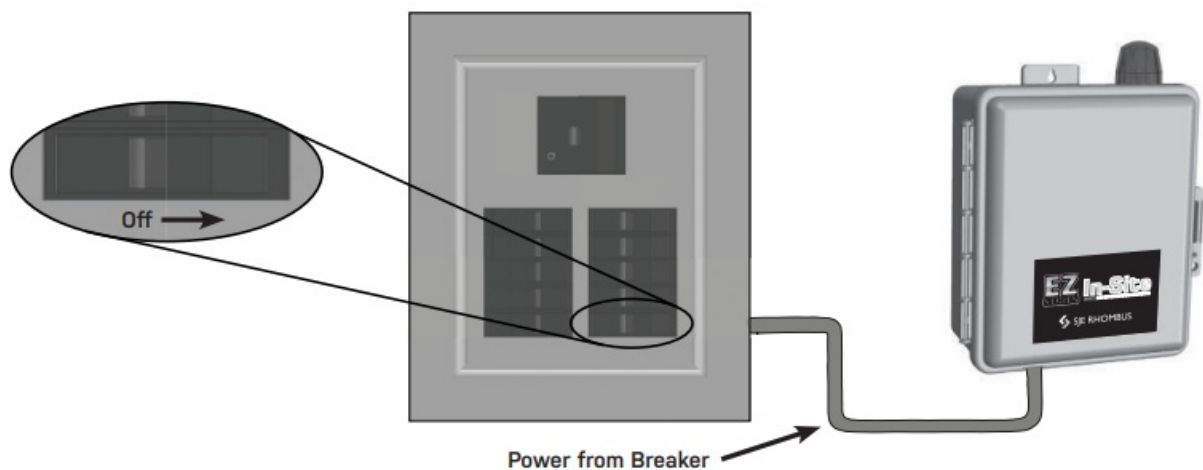


Installing the C-Level™ Sensor & Recommended Float Switches

The EZ Series® In-Site® CL control panel operates with a C-Level™ sensor and 1 or 2 recommended float switches. The C-Level™ sensor operates the Pump Start, Stop and Alarm functions. The back-up float switches are for redundant off and high level alarm.

WARNING

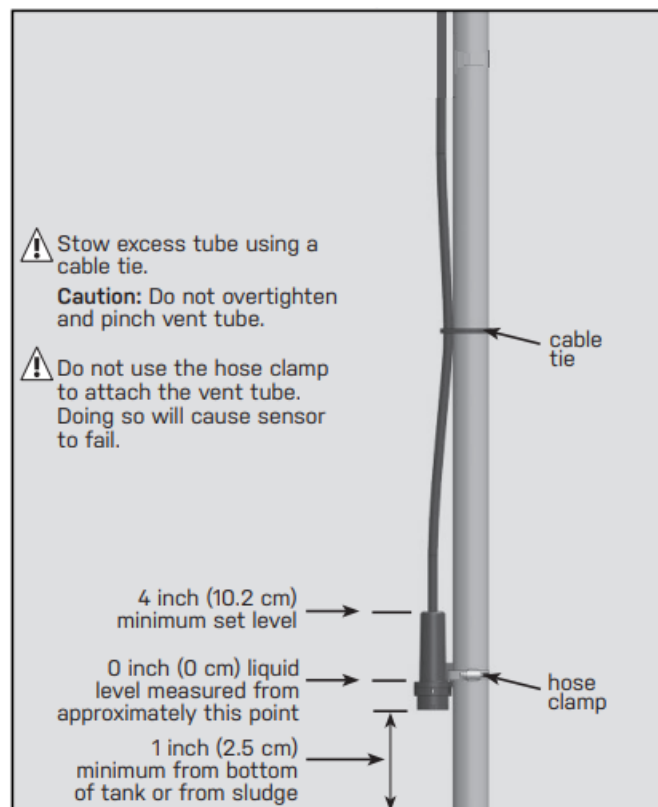
Ensure all supply power to the control panel is turned OFF before installing or servicing the C-Level™ sensor, float switches or pumps in the tank. Failure to do so could result in serious or fatal shock.



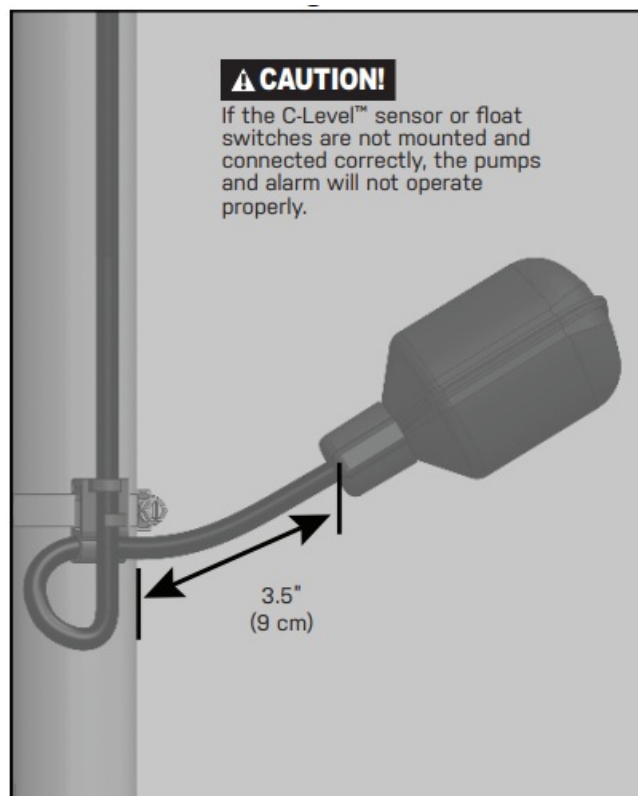
NOTE

Do not run C-Level™ sensor cable or float switch cables in the same conduit as the pump cables.

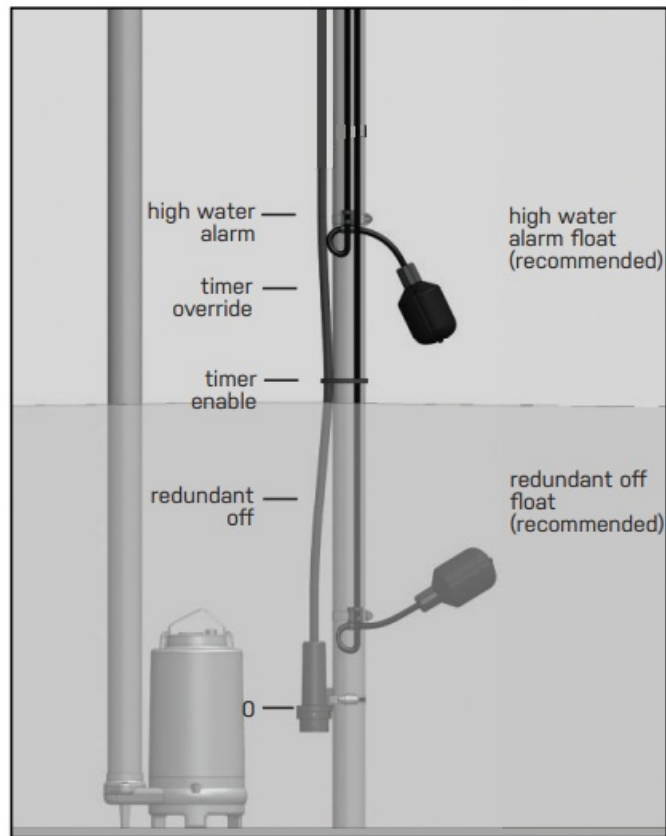
C-Level™ Sensor Positioning



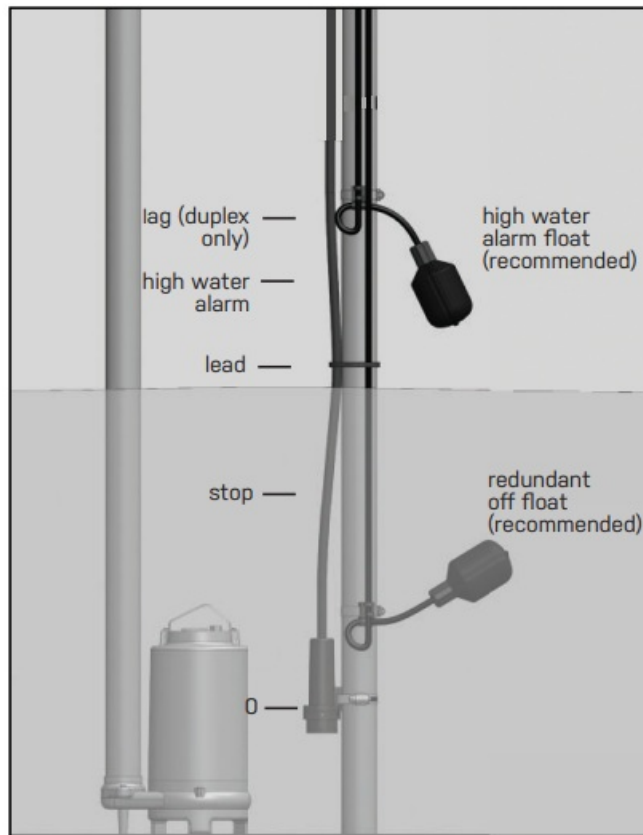
Float Switch Positioning



Timed Dose



Demand Dose



Wiring the Control Panel

1. Locate conduit entrance at the bottom of the enclosure as shown. Check local codes for the number of power circuits required. The schematic is located on the inside cover of the control panel.

CAUTION!

Be sure the incoming voltage is the same as the pump motor nameplate.

Providing separate pump and control/alarm power sources is recommended.

Type 4X conduit must be used to maintain a Type 4X rating of the control panel.

2. Connect the following wires to the proper terminals:

- incoming power for each pump circuit breaker
- incoming power for control/alarm
- pump 1
- pump 2 (duplex only)
- C-Level™ sensor
- float switches (recommended)

See schematic label on inside cover of the control panel for details.

3. Verify correct operation of control panel after installation is complete.

App download available on



Setup and Operation

EZ Series® In-Site® C-Level™ control panels are designed for pump control and system monitoring via a Bluetooth® wireless connection. The EZ Series® In-Site® App must be used to configure the control panel.

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Google Play and the Google Play logo are trademarks of Google LLC.

1. Alarm System (Indicator Light and Horn)

When an alarm condition occurs, the red light and horn will be activated.

If the TEST/SILENCE button is pressed and released, the horn will be silenced. When the alarm condition is cleared, the alarm system is reset.

2. Circuit Breakers

Each pump circuit has a thermal-magnetic circuit breaker that provides branch circuit protection and a means to disconnect the pump.

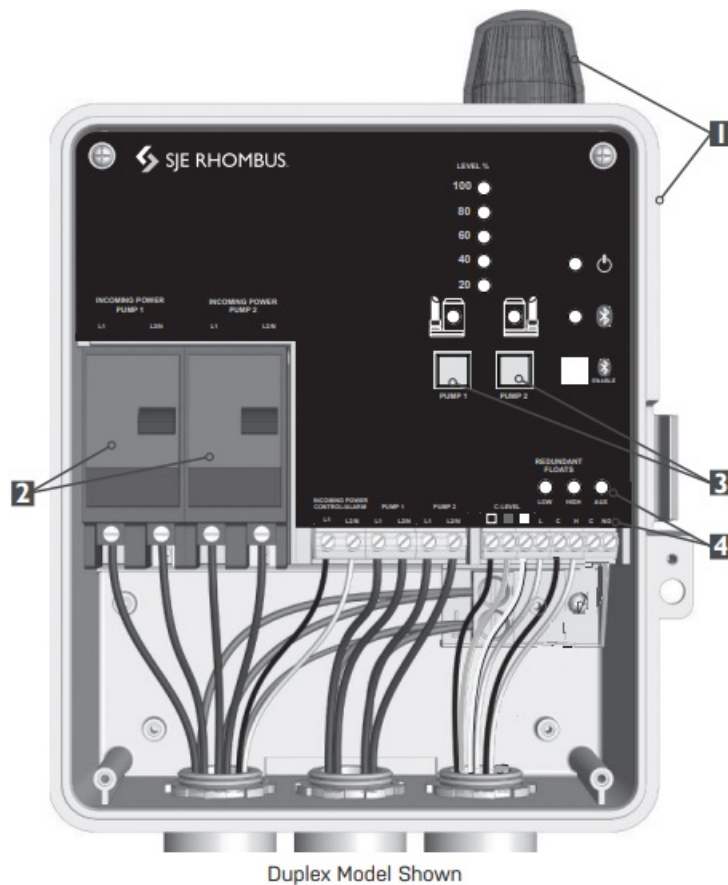
3. Pump Manual Run Switches

Push and hold to manually run the pump.

4. Dry Auxiliary Contacts

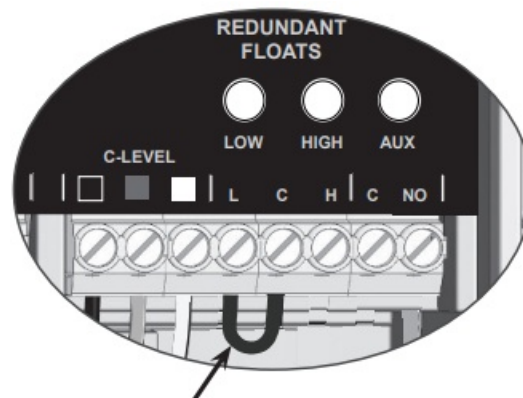
Normally Open – Contacts are OPEN under normal conditions and CLOSED when alarm condition is present. OPEN during power loss.

Automatically resets once alarm condition is cleared. Aux contact rating: 120V, 1A



CAUTION!

Seal the electrical conduit with an approved sealing compound to prevent moisture or gases from entering into the control panel.



NOTE If redundant off float is not used, a jumper must be installed in its place.

PN 1064580C 08/23

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Documents / Resources



[SJE RHOMBUS EZ Series In Site Control Panel with C-Level Sensor](#) [pdf] Installation Guide 1064580C-EZ, EZ Series In Site Control Panel with C-Level Sensor, EZ Series, EZ Series In Site Control Panel, In Site Control Panel, In Site Control Panel with C-Level Sensor, Control Panel, In Site with C-Level Sensor, C-Level Sensor, C-Level, Sensor

References

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- [User Manual](#)

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