

BUILD-A-PANEL™ CONTROL PANELS

Build-A-Panel™ control panels provide greater flexibility by ordering through options.

SJE Rhombus® Build-A-Panel™ control panels offer pump control and alarm notification in one convenient package for a variety of pumping applications including pump chambers, sump pump basins, irrigation systems, lift stations and more.

Each Build-A-Panel™ control panel comes complete with float switches, electrical schematics, installation instructions and are backed by a **five-year** limited warranty.

Visit www.sjerrhombus.com to view our full line of Build-A-Panel™ options.



INSTALLER FRIENDLY SERIES®

The Installer Friendly Series® control panels feature an easy-to use color LCD interface located on the inner door for programming and system monitoring. UL/cUL Listed.

LCD Interface Features:

- Full color graphics and menu navigation encoder for easy setup
- Touch safe housing
- Pump Hand/Off/Auto Control selectable via menu navigation
- C-Level™ Sensor or Float operation selectable via menu navigation
- Demand or Timed Dose operation selectable via menu navigation
- Tank Level Indication and setpoint monitoring at-a-glance
- Lead pump is easily identified by a graphic ring around the current lead pump regardless of control mode (timed dose or demand)
- Displays remaining time in each active ON or OFF Timed Dose mode, as well as at-a-glance ON or OFF time elapsed graphic around lead pump
- RJ45 communication connector
- Flashing function for alarm beacon and horn (configurable)
- Manual alarm reset (configurable)



CAPACITOR START/RUN

SJE Rhombus offers motor control panels designed specifically for grinder pump applications or other pumps requiring **external motor starter kits**. Common applications include pump chambers and lift stations. UL/cUL Listed.

- Single Phase Simplex (113)
- Single Phase Duplex (123)

FLOATLESS TECHNOLOGY

In addition to floats, all IFS panels are available with the C-Level™ **floatless** sensor:

- Uses pressure to detect liquid level in tank and send signal to the IFS® panel
- Compact design; low voltage
- Easy to adjust set points
- One sensor replaces up to 4 floats
- CL40 (range up to 101.6 cm) or CL100 (range up to 254cm) models available



INTRINSICALLY SAFE

Intrinsically safe Build-A-Panel™ control panels are designed for applications requiring **intrinsically safe float circuits or other circuit extensions**.

- Single Phase Simplex I.S. (114)
- Single Phase Duplex I.S. (124)
- Three Phase Simplex I.S. (314)
- Three Phase Duplex I.S. (324)



SELECT START™ STARTER BOXES

The Select Start™ three phase starter boxes provide a reliable means of controlling a 208/240/480V, or 575V three phase motor in pump chambers, sump pump basins, irrigation systems, lift stations and air compressor systems. The starter boxes utilize a float switch to activate the combination motor controller to turn the motor on and off.



SJE RHOMBUS®

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BUILD-A-PANEL™ PLUS CONTROL PANELS

Expanded Build-A-Panel™ Control Panel Program.

This program is designed to benefit customers who require additional options beyond what the standard control panel line offers, but do not require a custom engineered solution.

The Build-A-Panel™ Plus program utilizes inventoried components for

- Quick response to quotes (within 24 hours is standard)
- Faster build-to-ship times (2-3 weeks based on options)
- More affordable solutions

OPTIONS

- Larger enclosure sizes up to 30 x 24 x 16 inches, including fiberglass, Type 304 and 316 stainless steel, and Type 4 painted steel
- Inner dead front doors, including clear and aluminum; indicators, Elapsed Time Meters, Event Counters, customer supplied relays can be door mounted
- IEC magnetic motor starters (65 amps max. per pump)
- 22mm switches and lights
- Lag pump time delay
- Smart relay/PLC with programs (limited I/O, 12 in and 8 out, discrete only); timed or demand dose programming; pump and alarm data logging upon request
- Auxiliary contacts for many functions
- Installed auto dialer
- Battery backup circuits
- 12 VDC and 24 VDC circuits
- Wire colors to reflect different volt circuits
- GFI receptacle with circuit breaker (single phase or 230V 4-wire service only)
- Timed dose for intrinsically safe, three phase and more
- 208/240V single phase incoming power
- Surge protection
- 24 hour, 15 minute increment timer



Don't see the option you need listed? Let us know!
We may be able to offer through this program or we can design a custom engineered solution for you!

Email quote requests to: panelquote@sjeinc.com



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