



Why Red Jacket?

Red Jacket IQ Control Box

“I need system control that helps ensure my fueling operation is never interrupted.”

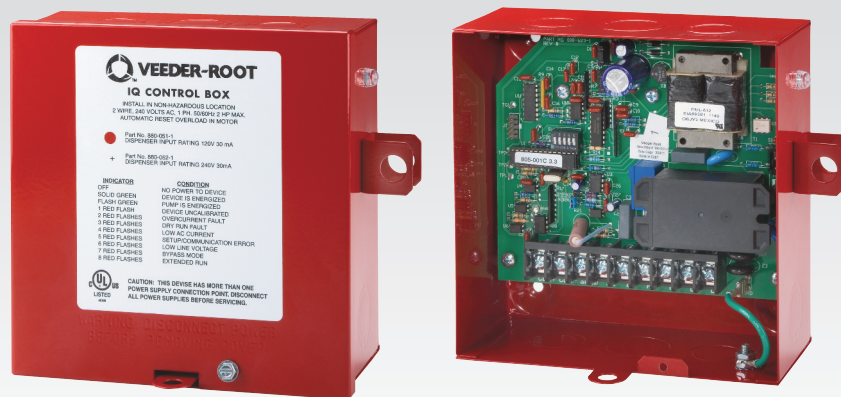
The IQ Control Box monitors motor phase shift as well as voltage and current to protect your system even if the voltage at the site changes.

Problem Solved.

Enjoy the assurance that your site is under control



The Red Jacket IQ Control Box interfaces with all Veeder-Root Red Jacket Pumps equipped with PLLD.



Red Jacket solutions that keep you up and running.

Red Jacket's IQ Control Box provides operators protection against downtime and is a more reliable alternative to ensure maximum fuel flow during peak fueling times than variable speed technology.

Red Jacket's IQ Control Box is a submersible turbine pump interface that improves the longevity of the submersible pump motor. It's engineered to provide protection from dry-run conditions, locked rotor and site voltage fluctuations. It cuts downtime and boosts bottom-line profits by warning site personnel of conditions impacting the ability to fuel.

Red Jacket's IQ Control Box stages multiple pumps based on site fuel demand to meet flow requirements, provide seamless backup and extend motor life.

Smart. Dependable. Proven.

- Allows for demand-based staging of multiple pumps to control fuel flow based on changing fuel demand
- Automatically resets after dry run condition when fuel is added to the tank to minimize downtime
- Protects wiring and controls from locked rotor or high current
- Warns site personnel of conditions impacting the ability to fuel
- Monitors site power conditions to ensure long motor life and uninterrupted fueling

“I want on-site protection from conditions impacting normal fueling operation.”

The IQ Control Box provides motor protection from dry run conditions and warns site personnel of conditions impacting the ability to fuel.

Problem Solved.

Design features that allow for easy installation and interoperability among controllers and motors.

- Ready interface with Red Jacket's ISOTROL™ 1-8 isolation system
- Easy to set jumper switches control operational parameters
- Single, multi-colored LED readout signals warning and shutdown conditions
- Single press and hold button for easy calibration. No need to lift dispenser handle to activate the pump for calibration
- Durable 30-amp power relay is socket installed for easy service and repair. Service life is rated over one million cycles
- Easy-to-use wiring terminal with familiar labeling
- Sized for easy retrofit installations
- Works with all Red Jacket and competitive single phase submersible turbine pumps

Specifications

Dimensions: Type 1 enclosure, 6x6x4 inch

Handle Voltage: 115v or 230 v (switch selectable)

Power Relay: 30-amp 250 VAC 50 or 60 Hz DPST, 2HP

Terminal Lug: Size 10-16 AWG wire

Alarms:

Hard fault

- Dry run
- Over current

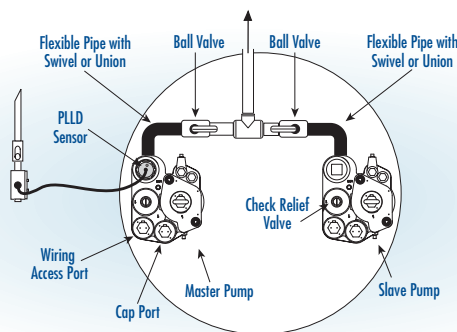
Soft fault

- Low line voltage
- Low AC current
- Network/communication
- Bypass mode
- Uncalibrated device
- Extended run

Did you know?

When using a manifolded system, using 2 pumps provides optimum flow and assurance that you have backup when you need it.

Red Jacket's focus is to keep you pumping and serving customers. The IQ Control Box was developed with a proprietary RS-485, optically isolated network communication. This ensures multiple motor systems are always working together to deliver the performance you expect. Your customers are assured of uninterrupted flow; you're assured of uninterrupted bottom line profits.



Manifolded systems provide up to 2X the flow rate and improved uptime. Manifolded systems can be configured in sumps 42" in diameter or greater.

To learn more, contact us at 888.561.7942, or visit www.redjacket.com

