

# VLR™ Instructions

DEMA Engineering Company, St. Louis, MO

Read this instruction sheet completely before installing the VLR™. Before opening the DEMA® V-Line enclosure all power should be turned off. All installations must be in accordance with city, county, state, parish or provincial electrical codes and should be performed by a certified electrician. **The use of a licensed electrical contractor for installation is recommended.**

## Installation Procedure

1. Select a location to mount the VLR™ where the laundry machine operator can easily access the control buttons. It can be mounted with the self-adhesive Velcro that is included in the hookup kit.
2. Remove the front cover of the V-Line to expose the IQ-50 board. Once removed, attach the RJ11 cable to the IQ-50 board and route the RJ11 cable through the bottom of the control enclosure. To secure the RJ11 cable, replace the hole plug with the supplied strain relief bushing. Now you can attach the other end of the RJ11 cable to the VLR. The RJ11 communication cable between IQ-50 and the VLR™ can be subjected to electrical interference when not installed properly. When securing the cable between the On-Premise Laundry Controller and the V-Line, avoid sharp edges, electrical motors and relays; additionally, do not run parallel to electrical power lines and conduit.
3. Upon power up, the VLR assembly the display should display a number (1 through 9)

## **Changing the formula numbers displayed on the VLR™**

1. Apply power to the V-Line. The VLR™ will display a formula.
2. Press the up or down arrows to scroll between the 9 different formulas.

## Operation

- **Formula Buttons:** Change to a desired formula by simply pressing the “up” or “down” buttons next to the formula display. The V-Line system is set to run.
- **Emergency Stop:** Pressing the “Stop” button on the VLR™ will stop any active pumps or the flush. The stop LED will be illuminated. Changing formula will reset the Stop condition.
- **Bleach Defeat Button:** Pressing the Bleach Defeat button on the VLR™ will activate the bleach defeat function. A second press will de-activate the Bleach Defeat.

## Return Policy

No merchandise may be returned for credit without DEMA® Engineering Company’s written permission. Return Merchandise Authorization (RMA) number required in advance of return.

## Warranty

DEMA® products are warranted against defective material and workmanship under normal use and service for one year from the date of manufacture. This limited warranty does not apply to any products, which have a normal life shorter than one year or failure and damage caused by chemicals, corrosion, improper voltage supply, physical abuse or misapplication. Rubber and synthetic rubber parts such as “O”-rings, diaphragms, squeeze tubing, and gaskets are considered expendable and are not covered under warranty. This warranty is extended only to the original buyer of DEMA® products. If products are altered or repaired without prior approval of DEMA®, this warranty will be void.

Defective units or parts should be returned to the factory with transportation prepaid. If inspection shows them to be defective, they will be repaired or replaced without charge, F.O.B. factory. DEMA® assumes no liability for damages. Return merchandise authorization number to return units for repair or replacement must be granted in advance of return.