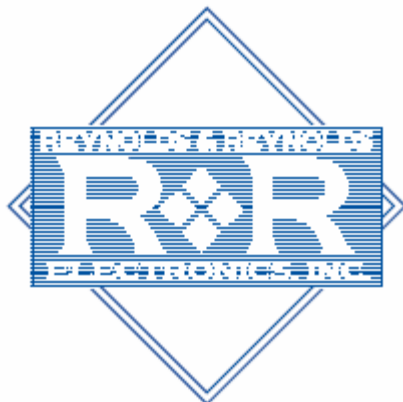
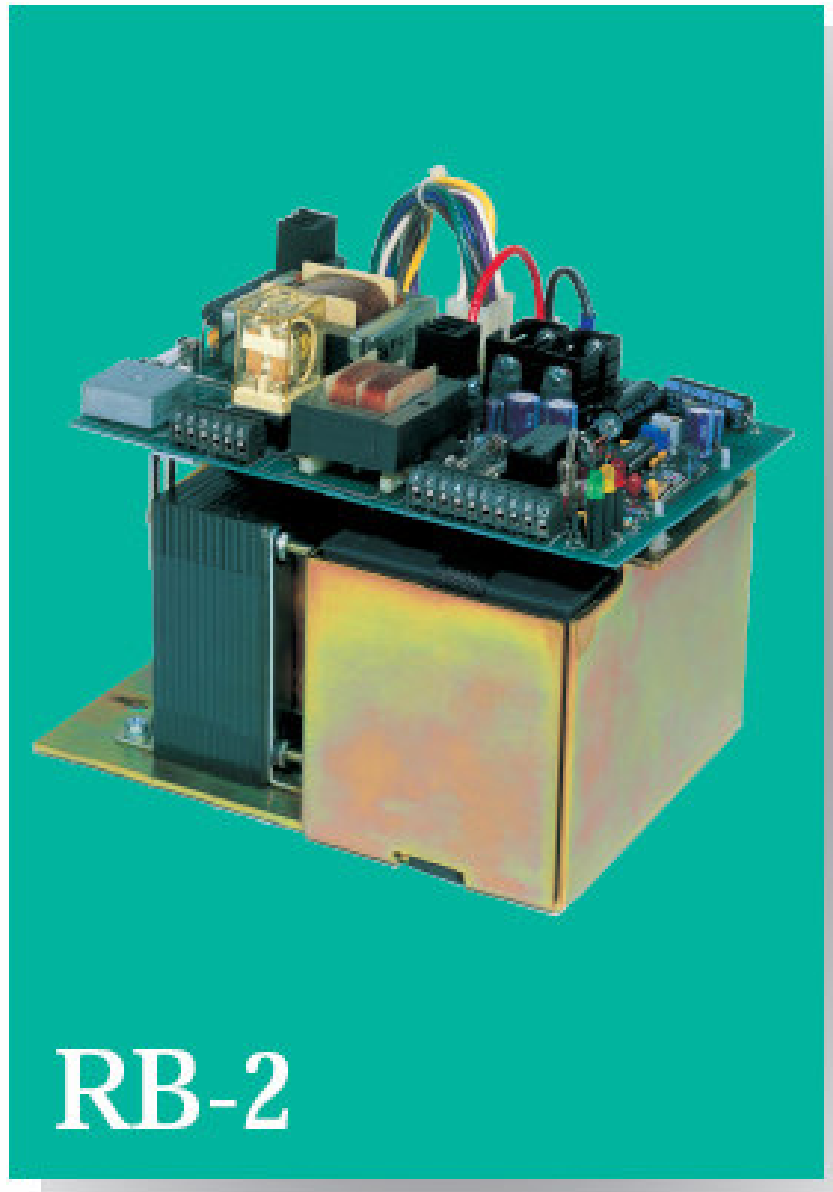


POWERVATOR®

Emergency Return System

RB-2



*Original
Equipment
Model*

POWERVATOR®

RB-2

Emergency Return System

- ❖ Compact size — Unit is 7"H x 6.5" W x 8.5"D; total weight is 20 pounds.
- ❖ Unit is designed to be installed into the controller at the factory as a single entity or separated into sub-assemblies for better controller layout and accessibility.
- ❖ Automatic activation — unit turns on during power failure to power the entire controller, thereby keeping all safety circuits intact. When required, unit will provide separate voltages for seamless controller, valve and door operation. The unit can be triggered by remote reverse phase relay in controller.
- ❖ Units are available with 120V AC, 208V AC and 240V AC with or without 260V DC. CSA approved in these voltage combinations.
- ❖ Switched 24V DC which can be used for extra control functions.
- ❖ A set of dry contacts are built into the unit which may be used to signal the controller that it is under emergency power, aid in power transfer, or pilot other relays.
- ❖ Factory wiring eliminates field installation errors, thereby eliminating additional costs.
- ❖ Circuit board connection to main disconnect contact will inhibit the unit during maintenance work, thereby preventing unexpected power going to the controller or valve.
- ❖ Relay and rectifier isolation keep main and emergency power separate.
- ❖ Voltage output is automatically regulated to maintain controller stability.
- ❖ Unit has replaceable main relay with status indicator.
- ❖ On/off and push-to-test switches on circuit board aid in routine diagnostic test and allow safe maintenance work.
- ❖ Frequency, low battery cutoff, and voltage regulation may be adjusted via adjustable resistors on the circuit board.
- ❖ Single circuit board design and removable interface connectors allow simpler circuit board exchanges.
- ❖ Indicators located on circuit board show low battery, battery charger and inverter activities.
- ❖ Batteries, outputs, logic circuitry and battery charger are individually fused for extra protection.
- ❖ Maintenance-free, gel-cell batteries are trickle charged to prolong their life. Sealed batteries eliminate possibility of dangerous fume build-up in controller.
- ❖ CSA approval of unit will assist in maintaining controller's approval and safety rating.

Up to 500 VA power output
Regulated output
**Internal current limiting &
fused protection**
One person installation

Technical Support
Dimensions 7"Hx6.5"Wx8.5"D
Complete unit CSA approved
1 Year warranty
Full liability coverage

