

COOLVATOR™

Emergency Power Supply (EPS)

For Elevator Cab
Air Conditioning Systems



Newest and Most Powerful Unit on the Market

A Breakthrough in Elevator EPS Technology



ELEVATOR MOTORS / MATERIALS CORPORATION

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COOLVATOR™ CPV 14,000 BTU SERIES

SPECIFICALLY DESIGNED FOR ELEVATOR CAB AIR CONDITIONING SYSTEMS

- ❖ Elevator Cab Air Conditioning System remains active during a power failure, ensuring passenger comfort in potential cases of elevator entrapment.
- ❖ Voltage is single-phase 120 V_{AC}, 60 Hz or 220 V_{AC}, 50 Hz output, compatible with Air Conditioning System.
- ❖ Power output of unit is 2000 VA: enough power to energize a 14,000 BTU Air Conditioning System.
- ❖ Over 2 hours of back-up available.
- ❖ Fully automatic operation.
- ❖ Diagnostic LED bank allows troubleshooting at a glance, saving time.
- ❖ Low battery light allows for quick maintenance monitoring.
- ❖ Low battery cut-off circuitry protects batteries and unit from damage caused by excessive battery drainage.
- ❖ Over current limiting protection safeguards batteries during AC startup and normal operation.
- ❖ ON/OFF Switch, Battery Disconnect Switch and Main Disconnect Safety Breakers allow maintenance work to be done safely and expedite periodic system checks.
- ❖ Battery Disconnect Switch positively disconnects power source and provides a higher level of safety (Lock Out/Tag Out) during maintenance operations.
- ❖ Sealed batteries provide maintenance free power, eliminating the possibility of dangerous fume build up. Batteries will not leak if battery case is cracked. Batteries are trickle-charged for prolonged battery life.
- ❖ Easy battery installation and replacement.
- ❖ Cabinet is 31" H x 16" W x 10" D and weighs 120 lbs.
- ❖ Car Top Interface (CTI) minimizes motor inrush current. CTI is 12" H x 12" W x 4.5" D.
- ❖ Cabinet is rack mounted – rack size is dependent on customer's back-up operation time requirements.
- ❖ Relay isolation keeps main and emergency power separate.
- ❖ Simple installation into existing or new elevator cab Air Conditioning System.

JOINTLY DEVELOPED BY LEADERS IN ELEVATOR CAB AIR CONDITIONING AND EMERGENCY POWER SYSTEMS

For more information on the Coolvator™ in North America, contact:
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For international installations, please contact:
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For Coolvator™ Technical Support, please contact
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