



CLEAN~VOLT

**LIGHTNING SPIKE/SURGE
ARRESTER**

CV1

**120/240 VOLT
SINGLE PHASE 3WIRE**

**SHOULD BREAKER TRIP
DO NOT ATTEMPT RESET
CALL NUMBER ON
WARRANTY CARD**

**120/240 VOLT
SINGLE PHASE 3 WIRE
SYSTEM ONLY**

**MUST BE INSTALLED BY LICENCED
ELECTRICIAN AND INSPECTED BY
ELECTRICAL SAFETY AUTHORITY**

COMMERCIAL UNIT

PROBLEMS: Compressors Freeze Up.
Motors run Hot.
Fluorescent Lights Flicker.
Roto-Phase Malfunctions.
Lights Go Dim When Equipment
cycles On and Off.

USES: Protect Entire Electrical System
and Connected Devices.

RESULTS: Protect Entire Electrical System
From Lightning.
Stop Power Spikes and Surges.
Motors Run Cooler.
Compressors Operate More
Efficiently.
Equipment Lasts Longer.
Electronics Malfunction Less Often.

FEATURES of CLEAN~VOLT

- Provides Automatic Protection.
- Passive Device(Does not interfere with operation of equipment.)
- Protects from Lightning Strikes.
- Tested and Passed ANSI/IEEE Standard C62.1 for Secondary Surge Arrester.
- Exceeds Test Requirements and is in Compliance with CSA Standard C22.2 #No. 0-M1982.
- Removes Damaging Voltage Spikes and Surges.
- Reduces Harmonic Effect. (Dissipates Heat)
- EMI and RFI Reduction.
- All Solid State Bi-Directional Components.
- Clamps Voltage Surges Beginning at 130 Volts or 10% Above Rated Voltage(Phase to Neutral/ Ground. 250 Volts Phase to Phase.)
- Reacts in Less than One Nanosecond with 6 Inch Leads or Less.
- Comes With Lifetime Product Warranty.
- Cost Effective Protection.
- Compact Size for Easy Installation
(Width: 2.75" Length: 4.0" Depth: 2.5" Weight: 3.5 LB's)

SYMPTOMS OF DIRTY POWER

- >Computer Freeze-ups
- >Data Loss
- >Device Adapters Run Hot
- >Machinery Resets or Locks Up for No Apparent Reason
- >Relays and Circuit Boards Burn Out Much Too Frequently
- >Audio System Has Hissing Noise
- >Video Has Unwanted Lines and Flicker
- >Public Address System Crackles
- >Light Bulbs Constantly Burn Out. Fluorescent Lights Hum.
- >Digital Clocks Need Ressetting after a Simple Power Flicker
- >Abnormal Power Consumption