

Valley  Energy
Consultants, LLC TM

KVAR® EC

POWER FACTOR CORRECTION DEVICE
COMMERCIAL **RESIDENTIAL**



Authorized Dealers

KVAR® EC

U.S. Manufactured

NASA tested and used

U.S. Government certified

UL Listed, CSA Approved & LEEDS Certified

Cleaner & Greener / RoHS Certified

Reduces the amount of non-productive current in your existing electrical system, resulting in a significant reduction in power consumption costs

5 year warranty – 25 year life expectancy

Thousands of installations worldwide

Innovative, Unique & Patented*



Power Factor Correction Device Specifications

Single Phase / Three phase

- **220 Volt AC application**
- **Withstands surges to 480 VAC**
- **Self-healing metallized capacitors**
- **Low losses, 0.5 watt per KEC**
- **UL Recognized Pressure Sensitive Interrupter**
- **Interrupter for maximum 10,000 amp fault currents**
- **Discharge system to reduce voltage to 50 volts or less within 1 minute of de-energization**
- **Case rupture protection: Internal pressure sensitive devices incorporated to activate at end of life or misapplication.**
- **Operating temperature range of -40° C to +90° C**
- **Flashpoint: + 182 degree C to + 200 degree C**
- **UL Listed and CSA Approved**
- **Values +/- 2% of rating**
- **Hermetically sealed aluminum case with turn plate steel cover**
- **Phenolic insulating bushings**
- **Box size 6" x 6" x 4" up to 12" x 12" x 12"**
- **Operating Life: 60,000 hours with 95% survival**
- **General Enclosure: NEMA 3R Indoor/Outdoor**
- **Wire Rating: 600 Volts, THHN or MTW or THWN or AWM, Gasoline & Oil Resistant 11**
- **Waste Disposal: Dispose of in accordance with all local, federal, and foreign regulations, component liquid is bio safe.**
- **Utilizes Self-Healing Low Loss Capacitors**
- **20 Year Design Life**
- **Surge Suppression – 2000 Joules**
- **Typical Protection For : Electrical Storms, Lightning Activity and Power Utility Spikes**
- **Let Through Voltage – 150V line-to-neutral**
- **Load Rating – 20A**
- **Six-Way Electrical Protection**
- **EMI / RFI Noise Reduction 0-40dB**