

Serial No: \_\_\_\_\_

Date: MFG: \_\_\_\_\_

### **KVAR™ ENERGY SAVINGS, INC.**

## **12 YEAR RESIDENTIAL, 5 YEAR COMMERCIAL WARRANTY**

**KVAR™ ENERGY SAVINGS, INC.** provides that, if within twelve/five (12/5) years from installation date, this product fails due to a defect in material or workmanship or damage by lightning, **KVAR™** will repair or replace the affected unit free of charge.

The warranty does not apply to damage caused by:

- (A) Accidental mishandling, dropping or other types of physical abuse.
- (B) Units which have been opened, taken apart or subjected to unauthorized repair.
- (C) Units which have not been installed or used in accordance with instructions.
- (D) Riots, civil disturbances, war or other related acts of God.

This warranty does not apply to damages claimed in excess of the cost of the installed units, and although this warranty outlines specific legal rights, your actual rights may vary from state to state.

**Warranty service is available by calling our customer support department at the following number to receive an authorization code and shipping instructions at:**

# **KVAR US**

A Revolution in Energy Efficiency

[WWW.KVAR.US](http://WWW.KVAR.US)

Phone: 561-744-5108 Fax: 561-744-9278

Sold to: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Country: \_\_\_\_\_



## **Saving Energy Isn't A New Idea...**

## **THE KVAR™ ENERGY SAVINGS DEVICE SIMPLY GIVES YOU THE POWER TO DO IT!**



CSA# LR78409



# **KVAR US**

A Revolution in Energy Efficiency

# **KVAR™ ENERGY SAVINGS, INC. presents the KVAR™ UNIT!**

*Money Isn't All You're Saving!*



PUT THE BRAKES ON RISING ENERGY COSTS

## **COMMERCIAL RESIDENTIAL INDUSTRIAL**

**For more information contact:**

**561-744-5108**

**561-744-9278 Fax**

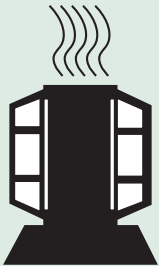
**WWW.KVAR.US**

**THE KVAR™ UNIT** is an electromagnetic pollution control system. The **KVAR™ UNIT** reduces the amount of non-productive current in your electric system which means a significant reduction in power costs. The **KVAR™ UNIT** will reduce demand at the meter by reducing lost and wasted power and will reduce maintenance costs while it increases equipment life. UL and CSA Listed.



### WHAT IS INDUCTIVE EQUIPMENT?

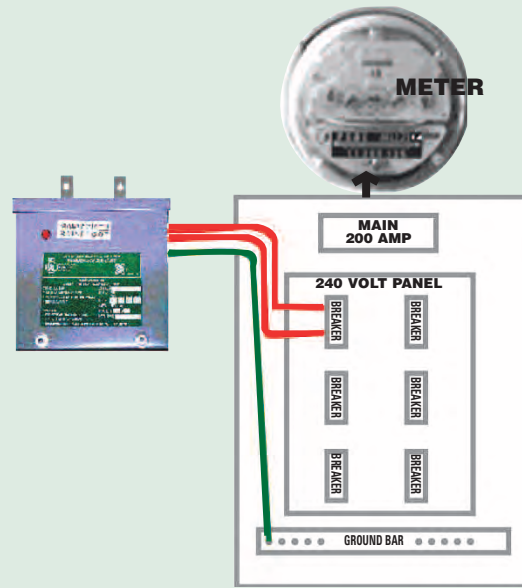
Inductive Equipment is heat pumps, air conditioners, refrigeration equipment, irrigation pumps, pool pumps, and all types of electric motors. When inductive equipment is connected to an alternating current system, it causes the current to lag behind the voltage. This causes non-productive current.



### WHAT IS NON-PRODUCTIVE CURRENT?

The non-productive current in any electrical system is the current which heats up the motor in inductive equipment while the equipment is in use. The heat generated serves no productive purpose: it is wasted energy and also shortens the life of the equipment. The **KVAR™ UNIT** eliminates the wasted energy of the electrical system.

## INSTALLATION INFORMATION



1. HANG **KVAR™ UNIT** ON WALL.
2. TAKE PANEL COVER OFF AND EITHER DRILL A 7/8 INCH HOLE IN CORNER OR POP OUT A ROUND HOLE.
3. TURN OFF TOP 220/240 BREAKER.
4. CONNECT THE GREEN WIRE TO GROUNDING BAR.
5. LOOSEN TWO SCREWS UNDER BREAKER.
6. SLIP THE TWO RED WIRES UNDER THE TWO SCREWS AND TIGHTEN. (THESE RED WIRES ARE IN THE ABOVE DIAGRAM CONNECTED TO THE BREAKER 30 AMP MAX)
7. TURN BREAKER BACK ON AND REPLACE COVER.
8. RED LIGHT SHOULD BE LIT ON **KVAR™ UNIT**. **WE RECOMMEND A LICENSED ELECTRICIAN INSTALL THIS UNIT.**



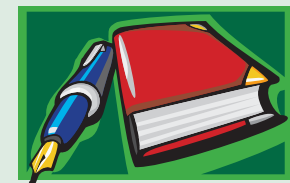
### HOW DOES THE KVAR™ UNIT WORK?

The **KVAR™ UNIT** fine tunes the electrical system from the inductive load equipment back through the utility company's KVA electric meter, kilowatt hour meter or demand meter. This fine tuning slows down the operation of the electric meter.



### HOW DOES THE KVAR™ UNIT SAVE ME MONEY?

The **KVAR™ UNIT** causes less waste of electrical energy while increasing the life of the inductive equipment. The **KVAR™ UNIT** protects against lightning surges and increases the capacity to the electrical panel by making it run cooler. All this means extra \$\$\$ in your pocket.



### LEGAL INFORMATION

**YES...KVAR™ UNITS are Underwriters Laboratory Inc. listed (28EP),**

Canadian Standards Association listed (LR78409-1). There are fourteen United States and International patents on **KVAR™ Power Factor Optimizer®** and our trademarks are registered with the United States Government. There is also a U.S. Department of Energy study (Sept. 1980 DOE/TIC 11339, Category UC 38) that attest to the savings and all benefits gained through the use of power factor optimization.