

## **INSTALLATION OF PU 3200 & PU 3400 POWER SAVE UNITS**

- Both units have 4 wires exiting the bottom through a” non-metallic connector”
- Both units can be installed as follows:
  1. using flex conduit and connector feed the 4 wires (3 red and 1 green) to the panel and connect the 3 red wires to a breaker and the green wire to the ground bar
  2. using a fused or non-fused disconnect box interface unit into electrical system
- When installing the 3200 use a 30 amp three pole breaker
- When installing the 3400 use a 40 amp three pole breaker
- In either method of install, and with both units, make certain the power is off until the unit is installed completely, then turn power on (throw the breaker on, or engage the disconnect box) and check to make certain light is on.
- If light is not on check breaker, ground, and disconnect box for secure connections
- Either unit will work in a 208/440 environment

## **SPECS FOR COMMERCIAL UNITS**

### Benefits:

- Reduces electricity required by existing inductive loads
- Enhances capacity of existing electrical system
- Eliminates danger of harmful power surges on appliances and sensitive electronic equipment
- Reduces harmful effects caused by electrical noise in the electrical system

### Features:

- Electrical Noise Reduction
- Power Factor Optimization
- Voltage Regulation

### Specifications:

- . Three Phase
- . 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 (this means it discharges up to 20 amps at a time)
- . Six-Way Electrical Protection
- . EMI / RFI Noise Reduction 0-40dB
- . The PU 3200 is rated for a 200 amp inductive load
- . The PU 3400 is rated for a 400 amp inductive load
- . Either unit will work in a 208/440 environment

THREE PHASE UNIT we call PS3200, sizes fractional motors up to 75hp

THREE PHASE UNIT we call PS3400, sizes motors 75hp up to 300hp

Both units are in NEMA 3 rated 7” X 7” X 8” enclosures