

## SPECIFICATIONS FOR SINGLE PHASE UNITS

### Benefits:

- Reduces electricity required by existing inductive loads
- Enhances capacity of existing electrical systems
- Helps to eliminate danger of harmful power surges on appliances, sensitive electronic equipment and all other motors

### Features:

- Surge Protection
- Voltage Regulation
- Electrical Noise Reduction
- Power Factor Optimization

### Specifications:

- Single Phase
- Utilizes Self-healing Metallized Capacitors
- 20 Year Design Life
- Surge Suppression – 2000 Joules

### Typical Protection For:

- Electrical Storms, Lightning Activity & Power Utility Spikes
- Let Through Voltage – 150V line to neutral
- Load Rating – 20 Amps
- Six-Way Electrical Protection
- 240 Volt AC Application
- Withstands Surges to 480 VAC
- Addresses motors running both 50 & 60 Hertz
- Low Losses, 0.5 Watts per kVAR
- 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 deenergization
- 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° C to +200° C
- UL 810 Listed File Number# E247765, CE and CSA certified
- Values  $\pm$  2% of rating
- Hermetically sealed aluminum case with turn plate steel cover
- Phenolic insulating bushings
- Nema 3 rated 6" x 6" x 4" enclosure (can be mounted indoors or outdoors)
- Operating Life: 60,000 hours with 95% survival
- Gasoline & Oil Resistant

## **SPECIFICATIONS FOR 3-PHASE UNITS**

- Either unit will work in a 220/240 & 440/480 environment

### **Benefits:**

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

### **Features:**

- Surge Protection
- Voltage Regulation
- Electrical Noise Reduction
- Power Factor Optimization

### **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 PS/PU-3200 is rated for a 200 amp inductive load  
The PS/PU-3400 is rated for a 400 amp inductive load

The 3200 unit uses a 30 amp/3-pole breaker  
The 3400 unit uses a 40 amp/3-pole breaker

The PS/PU-3200, sizes fractional motors up to 75hp  
The PS/PU-3400, sizes motors 75hp up to 300hp

Both units are in NEMA 3 rated 7" X 7" X 8" enclosures and can be mounted indoors or outdoors