

# WAVECREST

## Power Quality Protection

Patent Pending

Wavecrest protects electrical equipment from volatile power conditions and disturbances at the branch circuit level – allowing you to pinpoint the protection to one location or scale it to many problematic areas.

### All-In-One Power Quality Protection

**Surge:** 120kA, 10% voltage let-thru

**Transient Protection:** 8 $\mu$ s x 20 $\mu$ s

**Electrical Noise:** -80db @ 10 kHz

**Overvoltage:** 10% above rated voltage - shutoff

**Broken Neutral Protection:** Shutoff

**Undervoltage:** 50% below rated voltage - shutoff



30 Amp Unit  
120v-208v-240v-277v



### Sensitive Electronics are Everywhere

The above power quality events can wreak havoc on electronic equipment and can strike at any time. Whether it's from the utility or inside the building, dirty power is a real nuisance. This can and will affect:

**LED Lighting** – flickering, early failure

**Heat Pumps** – circuit board failure, control malfunction

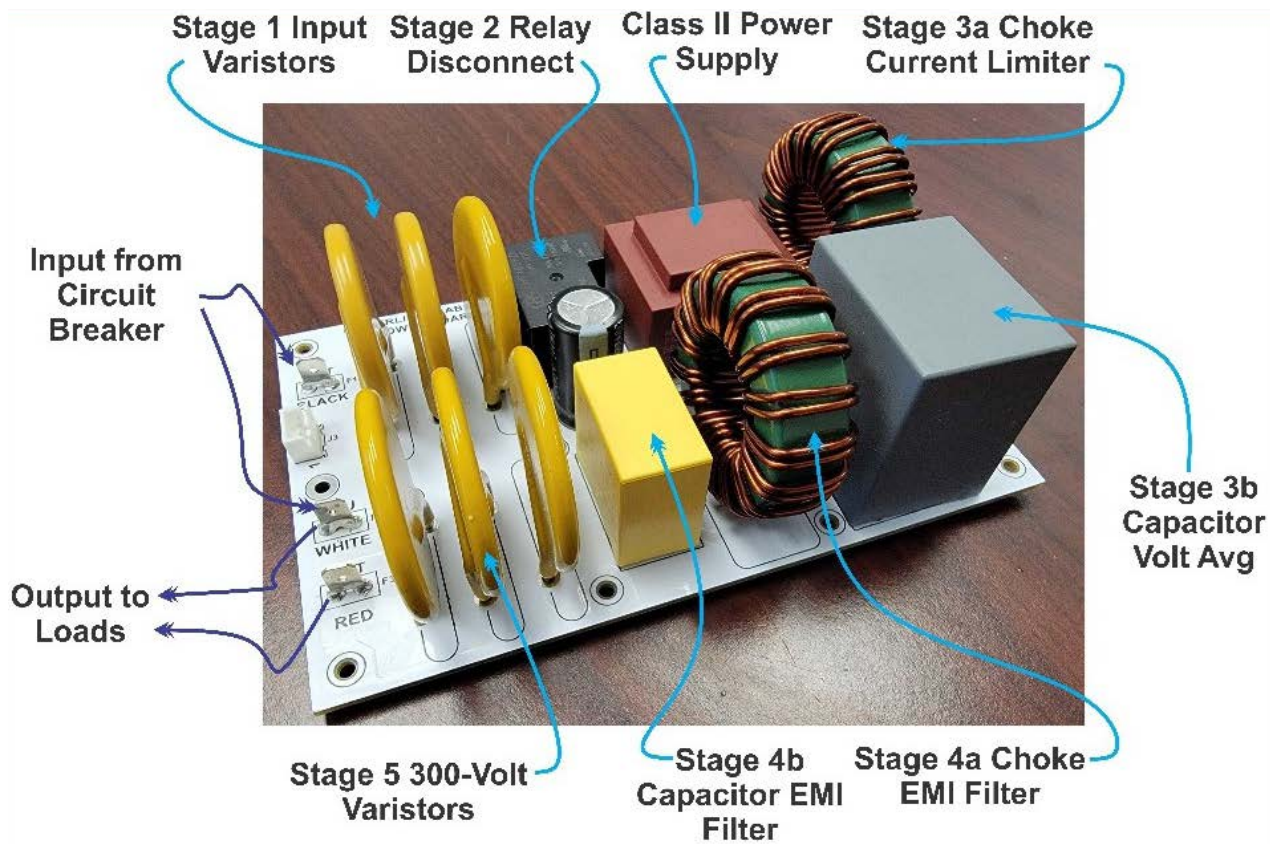
**POS Systems** – data loss, screen failure

**Hot Water Circulators** – board failure, control burnout

**Phone Systems** – data loss, equipment damage

**Door operators** – equipment damage  
and more...





## Performance Specifications

Service Load Condition	30A
Input Voltage	120v, 208v, 240v, 277v, 480Y
Spike Current	12,000 Amps, 10 Repetitions
Hi Volt Disconnect	10% above rated voltage
Spike Max	120kA, 1x
Low Volt Disconnect	40% below rated voltage
Reactive Current Compensation	2 Amps
Electrical Noise	80db @ 10 KHz
Power Consumption	3 Watts
Case Material	1.3mm Steel
Diagnostic Lights	Green = Load On, Yellow = Power On, Red = High Voltage

Model Number	Dimension (inches)	Voltage	Amperage
MIC-WC-01-120	7.3 x 3.3 x 7.15	120v	30A
MIC-WC-01-208	7.3 x 3.3 x 7.15	208v	30A
MIC-WC-01-240	7.3 x 3.3 x 7.15	240v	30A
MIC-WC-01-277	7.3 x 3.3 x 7.15	277v	30A
MIC-WC-01-480	6.3 x 2.5 x 4 (x3 units)	480Y, 3 phase + N	30A