

AG3000 Surge Protective Device

The AG3000 Surge Protective Device is designed for a variety of Type 1 and Type 2 applications such as central air conditioning units, heat pumps, mini-splits, air handlers and wall hung boilers. UL Listed to ANSI/UL 1449, 4th Edition, the AG3000 is approved for residential/light commercial applications.

Features

- 120/240 VAC Single Split Phase SPD for use on a variety of HVAC Equipment
- Green LED Protection Indicator
- Unmatched Surge Protection Ratings
- HVAC Surge Protector that is both Type 1 and Type 2 compatible
- UL Listed to ANSI/UL 1449, 4th Edition
- Type 4X Enclosure
- 18" 10 Gauge Leads
- ½" 20 Threaded Nipple (weatherproof and UV resistant)
- Utilize state-of-the-art TPMOV® surge technology
- 3-Year Product Warranty
- \$7,500 Connected Warranty

Ratings

Input Voltage:	120/240 VAC, 50/60 Hz
SPD Type:	Type 1 or Type 2 SPD
Enclosure:	Type 4X Enclosure
Warranty:	Limited 3-Year Product
PH:	Single Split Phase
AMB.(°C) Min/Max:	-40°F/158°F (-20°C/70°C)
Mode:	3 Modes of Protection (L1-N, L2-N, L1-L2)
VPR:	L-N/G 700 V L-L 1200 V
MCOV:	L-N 150 V L-L 300 V
In:	10 kA
SCCR:	20 kA
UL Listed to ANSI UL1449, 4th Edition Standard	

Project: _____

Location: _____

Product Type: _____

Contact/Phone: _____

Model #: _____



Specification

The Surge Protective Device AG3000 is UL Listed to ANSI/UL 1449, 4th Edition Standard. The AG3000 shall provide protection between each phase conductor and Neutral/Ground connection. The Maximum Continuous Operating Voltage (MCOV) is a minimum of 150 volts AC. The Voltage Protection Rating (VPR) has a maximum rating of 700 volts Line to Neutral and 1200 volts Line to Line when subjected to the ANSI/UL 1449, 4th Edition VPR and Nominal current testing (In). This Surge Protection Device employs MOV technology and provides individual component thermal protection and monitoring. Green LED indicates if the SPD is providing full protection to the load. The AG3000 housing shall be constructed of UV resistant polycarbonate and tested to UL Type 4X standards for outdoor use. Each SPD unit is provided with 1/2" 20 threaded nipple (weatherproof and UV resistant). Leads shall be 10 gauge minimum and 18" in length. The AG3000 Surge Protection Device shall carry a 3-year limited product warranty and a \$7,500 connected equipment coverage warranty for 3 years on appliances and electronics.

Diagrams

