

# Surge protection is a hot summer must have

**BY KENT CROOK**

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We are dead in the middle of the active M a y through O c t o b e r storm season when, according to NOAA, more than

90 percent of the lightning in Florida occurs.

It's at this time we are reminded to prepare ourselves against the costly damages that this active summer season brings. But, oddly enough, most homeowners fail to realize that the real danger that the hot Florida summer season brings is the strain that occurs to the electrical grid from increased usage. When surge protection is mentioned, the first thing that it is typically associated with is "lightning protection." In reality surges are occurring daily from normal utility operations and the fact is that these surges occurring on the utility connection are the most common source of surge damage, not lightning.

There is a third source of damage,

which comes from internally generated surges from sources such as pumps, motors and condensers that turn on and off within the home. All of this damage, not just lightning, needs to be safeguarded against and the means to protect your home's electrical and electronic equipment is with Whole Home Surge Protection.

Whole Home Surge protection is achieved by "staging protection" throughout your home. The first "stage" of protection is the most critical because it protects your home against the larger, more damaging surges that come through on the electric utility lines, telephone and coaxial signals. Protection on the phone and coaxial signals is imperative because even if you were to plug a TV into a typical plug-in surge protector, if you fail to protect the coaxial signal then you risk losing your TV from damage that originated on the coaxial signal.

The second "stage" of protection is to utilize plug-in protectors to safeguard against the internally generated surge activity. By staging surge protectors in this manner you will effectively protect your household electrical and electronic devices against surges.

Damage to TVs, computers, game consoles and other consumer elec-

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tronics are a major concern of homeowners who seek out typical plug-in protection means for these devices. But with the emergence of micro-processor driven products, almost all electrically fed devices in the home have become as sensitive as computers. Fridges, stoves, washing machines, dryers, etc., all of these expensive appliances need protection as much as your home entertainment and computer equipment. The best way to accomplish this is with hard wired protection on your home's electrical panel by a licensed and experienced electrician.

Give Wiremasters Electric a call today to have Surgeassure Whole Home Surge Protection installed. If you have questions about Surgeassure Whole Home Surge Protection products visit their website: <[www.surgeassure.com](http://www.surgeassure.com)>.

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