



# LIGHTNING PROTECTION

## *For Today's Home*

**A Lightning Protection System Provides:**

- **Structural Lightning Protection - Fire Prevention**
- **Protection of Family & Pets**
- **Surge Suppression for Electronic Equipment**

***Don't let this happen to you!***



**Protecting Against Nature's Most Deadly Force**



## RESULTS FROM A LIGHTNING STRIKE CAN BE DEVASTATING

Lightning is an awesome event. A typical bolt of lightning carries 18,000 amps of current at a voltage of over 30 million volts.

It is estimated that lightning causes billions of dollars in residential property damage each year, many times resulting in fire and total property loss. Lightning also kills nearly 100 people each year in the U.S. and the number of injuries is in the hundreds. The number of lightning strikes to homes is on the increase.

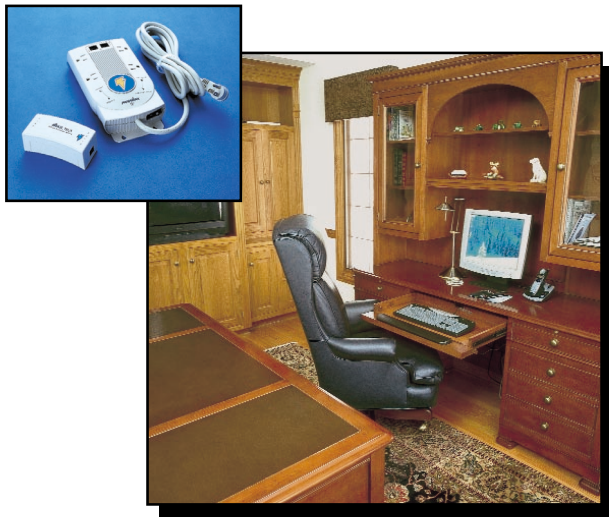
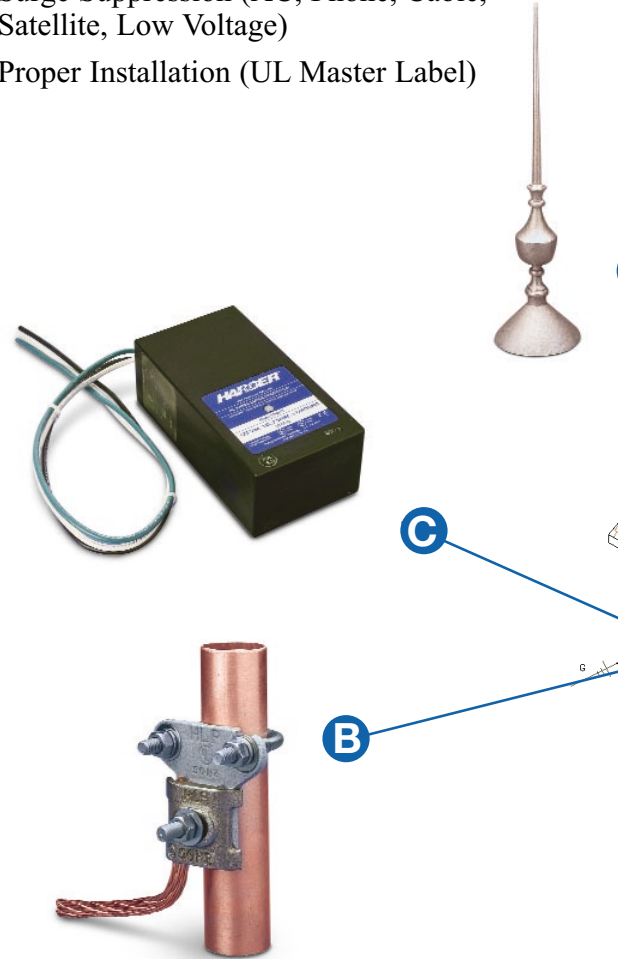


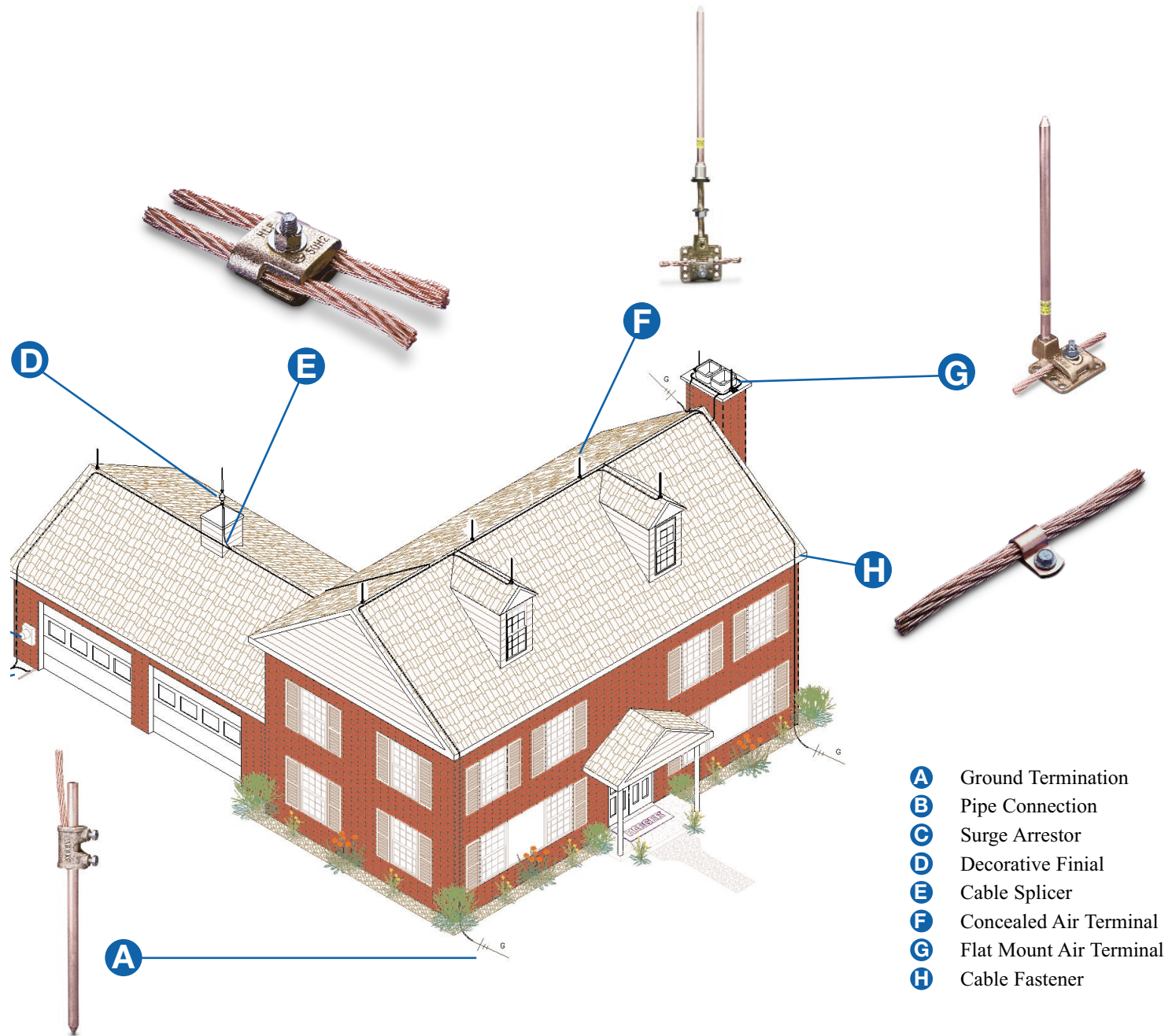
## HOMES ARE AT RISK FROM DIRECT AND INDIRECT EFFECTS OF LIGHTNING

The increases in utility services along with the addition of sensitive electronic equipment have made our homes more susceptible to the ravages of lightning. An effective lightning protection system includes lightning rods, electrical surge and transient suppression for cable and telephone line suppression. Do not assume that the lightning rods will stop surges on electrical wiring, cable and telephone lines. Without suppression, the surge over those lines can extensively damage your home from the inside out.

## PROTECTING YOUR HOME

- Structural Lightning Strike Protection
- Surge Suppression (AC, Phone, Cable, Satellite, Low Voltage)
- Proper Installation (UL Master Label)





- A** Ground Termination
- B** Pipe Connection
- C** Surge Arrester
- D** Decorative Finial
- E** Cable Splicer
- F** Concealed Air Terminal
- G** Flat Mount Air Terminal
- H** Cable Fastener

## STRUCTURAL LIGHTNING PROTECTION PROVIDES DIRECT STRIKE PROTECTION

### Lightning Protection System:

A lightning protection system provides a designated path for the lightning current to travel. The system neither attracts nor repels a lightning strike, but simply intercepts and guides the large currents harmlessly to the ground. A lightning protection system is made up of several components.

- 1.) air terminals (lightning rods)
- 2.) conductor (cable)
- 3.) bonding devices
- 4.) ground electrodes
- 5.) ground terminations
- 6.) surge suppression equipment

### Installation:

When choosing a contractor, the homeowner's best protection for selecting a quality company is to demand that their home installation receives the Master Label from Underwriters Laboratories. Our systems are designed to meet or exceed the requirements of Underwriters Laboratories and can be custom tailored to your needs and concealed during construction or carefully semi-concealed on existing homes.

## THE INDUSTRY LEADER IN LIGHTNING PROTECTION

Since 1960, Harger has been providing solutions to the lightning protection industry. We have experience in all facets of lightning protection including engineering, systems design, product manufacturing and installation. Our engineering department provides design services for engineers and contractors domestically, as well as internationally. We strive to stay on the cutting edge of technology by introducing innovation to our products. We couple extraordinary service with high quality products to provide the ultimate in lightning protection systems. We use only the finest materials in the manufacture of our equipment. Rest assured if it's made by Harger, it's of the highest quality!



Lightning Protection Institute



Saving Lives  
Protecting Property



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