

AESTHETICS

Today's modern lightning protection systems are different from traditional old fashioned lightning rods. Our systems are installed to blend in with the style and architecture of your home. For new homes, cable and components are concealed within the construction of the home. On existing homes, the roof system is concealed in the attic and the down conductors are hidden behind gutters or corner assemblies. In addition to low profile systems; directional wind vanes, decorative balls, or finials can be included to enhance the value of the architectural design. Our systems are installed to provide the highest function while looking esthetically pleasing.

OUR COMPANY

Lightning Prevention systems has been protecting commercial, industrial, & residential structures since 1983. Our services & products have been used by such companies as Philadelphia Eagles stadium, Liberty Power Plant, US Navy, Department of Defense, US Army, Comcast, Verizon, Lucent Technologies, AT&T, Orbital Sciences, TRW Space & Technology, NASA, NJ/DE/PA school Districts, NJ / MD State Police Barracks, and many more. We specialize in residential protection with our skilled and certified technicians that provide cosmetically pleasing systems in accordance with National Fire Protection Association and Underwriters Laboratories.

CREDENTIALS

Underwriters Laboratories Listed Installer
Lightning Protection Institute Certified-
Master Designer/Installer
National Fire Protection Association
United Lightning Protection Association

Don't wait until it's too late!



Preventing Lightning Damage Since 1983!



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*What Takes Years To Build,
Nature Can Destroy
in a Flash!*

LIGHTNING PROTECTION
SPECIALIST FOR
NEW & EXISTING HOMES
1-888-NO-STRIKE

LIGHTNING

More and more home-owners are becoming aware of the need to protect their families, homes and property from a lightning strike.



Every year thousands of homes and properties are destroyed or damaged by lightning. Unprotected homes risk the possibility of damage by fire, explosions or powerful electrical surges. Personal injury can often occur in an unprotected home which has been struck by lightning. The effects of a strike can be both emotionally and physically devastating.

In addition to protecting your life and most valuable possessions, a lightning protection system can give you peace of mind.

FACTS ABOUT LIGHTNING

Packs between 35,000 to 40,000 amperes of current.

Can generate temperatures as high as 50,000 degrees Celsius.

Falls somewhere on the earth every second.

Travels as far as 40 miles.

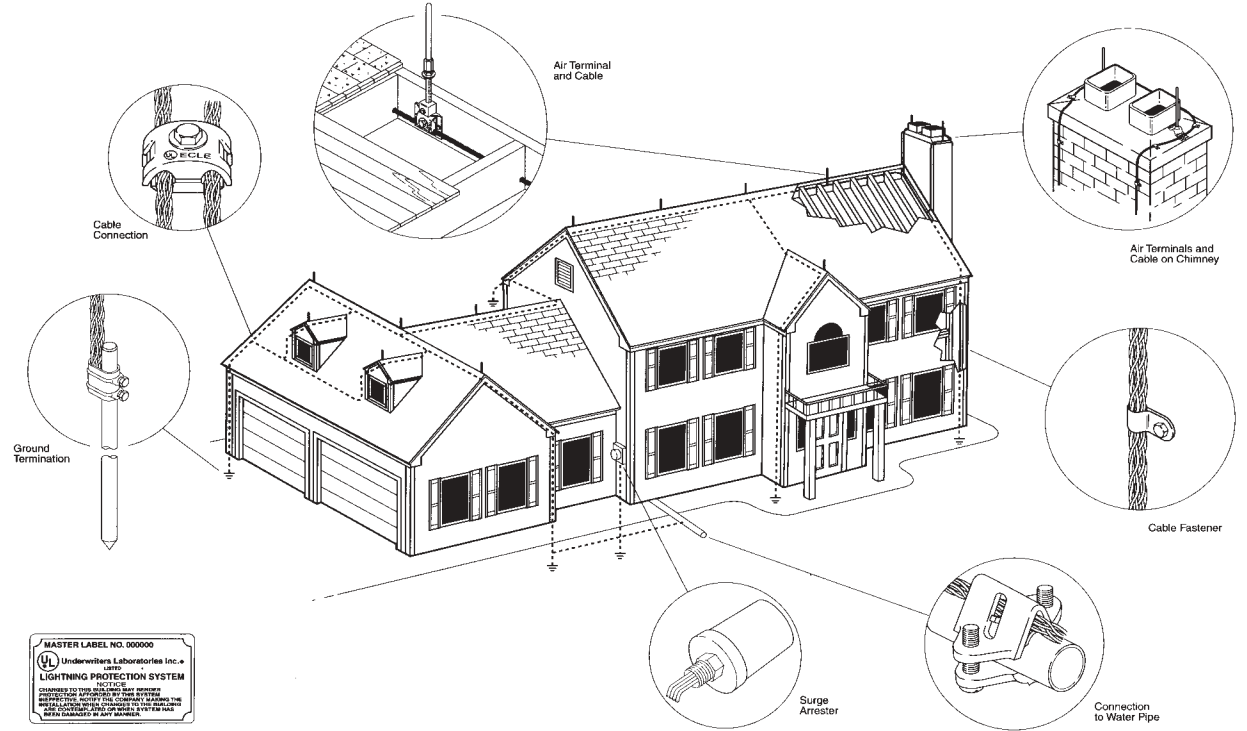
Kills nearly 100 people each year in the U.S. and injures 300 others.

Can, and does strike the same place twice.

Causes billions of dollars in property damage each year, many times resulting in fire and total property loss.

Lightning is the only act of mother nature that can we can protect our homes and families from

TYPICAL CONCEALED RESIDENTIAL SYSTEM



A **Lightning Protection system** provides a means by which this discharge may enter or leave the earth without passing through and damaging non- conductive parts of a structure, such as wood, brick, tile, or concrete. A lightning protection system does not attract lightning; it provides a safe path to ground for the electrical charge to follow safely. A protection system is made up of the following components:

1. **Air Terminals** - Also referred to as lightning rods, these inconspicuous copper rods are vertically mounted on the roof at various high points on a house. Positioned to project above the roof line, the rods are designed to intercept a lightning charge rather than a roof or chimney.
2. **Main Conductors** - made of copper, these special cable connect air terminals to grounds.
3. **Grounds** - Main conductors are attached to metal grounding rods that are driven 10 feet deep into soil. As current flows through the rods, the energy is directed into the ground where the chance of damage or injury is effectively eliminated.
4. **Bonding** - The bonding connects grounded metal objects such as, water main, gas line, & electric & telephone service ground to the main conductor to prevent side flashes.
5. **Lightning Arrestors** - Arrestors are installed on electric panel, telephone service, cable lines, & outlets. Arrestors protect wiring and appliances from lightning induced power surges.

