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FEDERAL ALLIANCE FOR SAFE HOMES

# Lightning

Electrical strikes and surges from lightning can destroy electronic devices in your house, but this damage can often be reduced or even prevented by installing a system of lightning or surge protection that consists of point-of-use devices, a whole house surge device, or a lightning protection system.

## Surge Protective Devices (SPD)

- These systems protect electronic and electrical appliances from all but the most severe electrical surges or direct strikes.
- They should be installed at all items to be protected.
- A good electrical grounding system is essential.

## Whole House Surge Protection

- A whole house surge protection system can be installed on the electric meter or the electrical panel to help protect the appliances and electronic equipment in your house such as computers, TVs and DVD players.
- Contact your local electric company for installation information. If your utility company doesn't offer the service, a qualified electrician can install this device at your electrical panel.

## Lightning Protection Systems\*

- These systems provide a direct path for lightning to follow to the ground rather than through the house structure and its wiring.
- Consult a qualified contractor (UL-listed/LPI-certified or qualified electrician) for installation.

\*Please note: a lightning protection system may not protect a home from electrical damage or fire from a direct strike or lightning entering through the telephone, cable or electrical lines to the house. Whole house surge protection devices are needed to optimize protection.

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the Federal Alliance for Safe Homes!

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