ARC-FAULT CIRCUIT INTERRUPTERS

Protecting Your Home from Fires

Home fires are more deadly and costly than ever. While the number of total fires and fire injuries are decreasing, property damage and fire deaths are on the rise. Each year arc-faults, caused by worn and inadequate wiring, overburdened circuits, outdated technology, and aging electrical systems, start more than 35,000 home fires causing over 1,130 injuries, 500 deaths, and $1.4 billion in property damage.

Common Causes of Arc-Faults

- Damaged electrical wiring
- Wiring damaged by screws or nails
- Wiring damaged by doors
- Damaged electrical insulation
- Overheated cords under carpets or rugs
- Damaged or loose connections
- Cords and plugs damaged by furniture

Arc-fault protection is required in:

- Parlors, libraries, or dens
- Rec rooms
- Bedrooms
- Closets
- Living rooms
- Family rooms
- Kitchens
- Laundry areas

Types of arc-fault protection:

- Listed combination type AFCI to protect entire branch circuit.
- A receptacle protected by a listed outlet branch circuit type AFCI receptacle.
- A receptacle protected by a listed combination type AFCI type circuit breaker.

AFCI breakers and receptacles protect all downstream wiring and appliances from arc-faults. Receptacles should be installed at the first outlet box of a circuit.