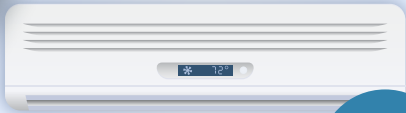# CONNECTED to SAFETY
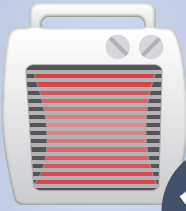## Making your Home Safe and Efficient

Whether you're **working** from home, **learning** from home, or just **spending more time** at home, it is important to make sure your home is electrically safe, secure, and efficient. Learn how the **internet of things** and **smart devices** can improve your quality of life and **make your home safer**.

Home Energy Use

17% AIR CONDITIONING

15% SPACE HEATING

14% WATER HEATING

10% LIGHTING

AVERAGE YEARLY ENERGY USE BY ITEM   *source: U.S. Energy Information Administration, 2015 Residential Energy Consumption Survey

Energy Efficiency Through Smart Devices

Smart refrigerators to **optimize temperature**

Optimize wash/dry times for **lowest energy costs**

Automated HVAC controls

Automated lighting

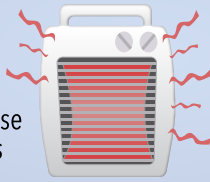**Remote / automated** outlet controls

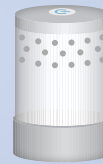## Prepare your Home for Safe and Efficient Energy Use

Use a **smart plug** or **power strip** to turn off power when devices are not in use

LED light bulbs last longer than traditional bulbs and use 25-80% less energy

Heat only the area you're in with **energy efficient space heaters**

Utilize **home automation** to control HVAC and lighting systems while not at home

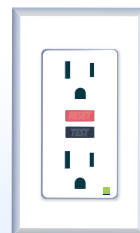Have an electrician **inspect your electrical system** every 10 years to avoid overloads

Home Electrical Safety Devices

AFCI breakers and outlets protect against arc-faults which could lead to fires

Grounded outlets protect against electric shocks

GFCI outlets and breakers are required where water and electricity may come in contact and protect against ground-faults

Surge protectors protect against damaging power surges that can destroy electrical equipment

Please **share** this **free** resource to save lives