

# THE ANATOMY OF YOUR ELECTRICAL SYSTEM

## UNDERSTANDING YOUR ELECTRICAL SYSTEM

### WIRING = VEINS & ARTERIES

Wires carry electricity just like veins & arteries carry blood.

### BREAKERS = NERVOUS SYSTEM

Breakers act like reflexes, shutting off power when there's an overload, similar to how nerves trigger reflexes to prevent injury.

### SMOKE / CO DETECTORS = LUNGS

Smoke detectors are like lungs — monitoring air quality and alerting us when something dangerous is present

### THE PANEL = THE HEART

Just like the heart pumps blood throughout the body, the electrical panel distributes electricity throughout the home.

### OUTLETS / SWITCHES = HANDS & FEET

These are the points of interaction, just like how our hands and feet allow us to interact with the world.

### SHOCK & FIRE PROTECTION = IMMUNE SYSTEM

Protects against electrical shocks the way the immune system defends against infections (AFCI & GFCI)

### OUR PLUG TESTERS = BLOOD PRESSURE CUFF

Just as a blood pressure cuff checks for irregularities in circulation, our plug testers check whether outlets are functioning properly and if there are hidden issues in the wiring.

### LIGHTNING PROTECTION = THE SKIN

The First Line of Defense. Surge protectors act like skin, shielding delicate internal systems from damage caused by external forces

