

## WHAT ARE SURGES?

A surge is a sudden, brief increase in voltage significantly above normal levels, often caused by lightning, utility events, or internal electrical disturbances, damaging HVAC equipment and other electronics.

## WHAT IS OVER/UNDER VOLTAGE?

- **Overvoltage:** Excessively high voltage causing overheating and permanent damage to electronic components.
- **Undervoltage:** Also known as brownouts, lower-than-normal voltage causes inefficient operation and potential equipment damage.

## WHAT IS A SURGE PROTECTIVE DEVICE (SPD)?

SPDs are essential safeguards installed directly on your equipment or at its power disconnect, protecting your valuable appliances and HVAC systems from damaging voltage disturbances.



## COMMON POWER PROBLEMS FOR HOMEOWNERS

Electrical disturbances such as lightning-induced surges, utility grid switching spikes, internal electrical events, and prolonged voltage fluctuations can cause significant damage to home appliances and HVAC systems. These disturbances not only lead to frequent, costly repairs but also shorten the lifespan of your valuable equipment.

## DID YOU KNOW?

- The 2020 National Electrical Code requires Surge Protective Devices in new or renovated homes.
- According to the National Electrical Manufacturers Association, the average home has \$15,000 worth of equipment that a surge can damage.
- Surges can damage appliances, water heaters, lighting, and HVAC systems.

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# Power Up Your Protection!

*Safeguard Your HVAC System  
Against Costly Electrical Damage*



# WE GOT YOU COVERED

Protect your home and HVAC system from costly electrical issues with advanced solutions that guard against surges, voltage fluctuations, and more. Enjoy greater peace of mind, lower repair costs, and a longer lifespan for your equipment.



## RSH-50

### Surge Protection Device

Protects your HVAC system from electrical damage by diverting dangerous power surges away from sensitive components like circuit boards and compressors.

#### FEATURES

- ✓ Prevents Surge Damage
- ✓ Protects Sensitive Components
- ✓ Reduces Repair Costs
- ✓ Maintains System Lifespan
- ✓ Provides Peace of Mind



## RSH-VRM60A

### Voltage Range Monitor

Automatically shuts off power during harmful voltage fluctuations (brownouts and power swells) to prevent expensive damage to your HVAC equipment.

#### FEATURES

- ✓ Prevents Overvoltage and Undervoltage Damage
- ✓ Protects Sensitive Components
- ✓ Reduces Repair Costs
- ✓ Maintains System Lifespan
- ✓ Provides Peace of Mind



## RSH-50 VRMDC-KIT

### Kit Complete Solution

Combines surge protection and voltage monitoring in one weather-tight unit with a built-in disconnect switch, offering complete electrical protection for your HVAC system and eliminating the need for a separate disconnect box.

#### FEATURES

- ✓ Complete Protection Solution
- ✓ Ease of Install and Serviceability
- ✓ Eliminates Metal Disconnect Box
- ✓ Increased System Lifespan and Enhanced Peace of Mind

SURGE

OVER/UNDER

COMPLETE

## ESTIMATED COST

The RSH-50 or RSH-50 VRMDC-Kit typically ranges from \$\_\_\_\_\_ to \$\_\_\_\_\_, though final pricing may vary and may not include all labor or applicable taxes.

## GET IN TOUCH

Ready to keep your home and HVAC system protected? Contact us today—we'll help you get started and answer any questions!

## LEARN MORE

Scan the QR code to learn more about our complete surge protection lineup!

