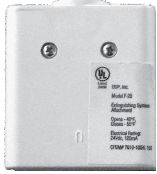




# Home Temperature Monitor Switch Installation Instructions

SJE's Home Temperature Monitor switch provides a means to monitor environmental temperature. When used with SJE's Auto Dialer, the system will notify of potentially threatening freezing conditions. This can be used to help eliminate costly damage of freezing water pipes.

## HOME TEMPERATURE MONITOR SWITCH



- Ratings:  
Contacts: 24 VDC, 120 mA maximum  
Switch opens at 40°F ± 5°F  
Switch closes at 55°F ± 5°F
- Provides an enclosed preset thermal switch and screw terminals for easy connection.
- The switch is normally closed when the temperature is above 40°F.
- When the temperature drops below 40°F the switch opens.
- The switch remains open until the temperature rises above 55°F at which point the switch closes again.
- The switch can be used in conjunction with the Auto Dialer. When the Auto Dialer is programmed to activate upon sensing a switch opening, it can warn of threatening low temperatures which may result in frozen pipes.

### PREVENTATIVE MAINTENANCE

- Periodically inspect the product. Check that the housing has not been damaged so as to impair the protection of the product. Replace the product immediately if any damage is found or suspected.
- Use only SJE Rhombus® replacement parts.

## SJE RHOMBUS® ONE-YEAR LIMITED WARRANTY

One-Year Limited Warranty. For complete terms and conditions, please visit [www.sjrhombus.com](http://www.sjrhombus.com).

### NOTICE!

Products returned must be cleaned, sanitized, or decontaminated as necessary prior to shipment to ensure that employees will not be exposed to health hazards in handling said material. All applicable laws and regulations shall apply.

#### ⚠ WARNING

#### ELECTRICAL SHOCK HAZARD

Disconnect power before installing or servicing this product. A qualified service person must install and service this product according to applicable electrical and plumbing codes.

#### ⚠ WARNING

#### EXPLOSION OR FIRE HAZARD

Do not use this product with flammable liquids. Do not install in hazardous locations as defined by National Electrical Code, ANSI/NFPA 70.

Failure to follow these precautions could result in serious injury or death. Replace product immediately if switch cable becomes damaged or severed. Keep these instructions with warranty after installation. This product must be installed in accordance with National Electric Code, ANSI/NFPA 70 so as to prevent moisture from entering or accumulating within boxes, conduit bodies, fittings, float housing, or cable.

*For detailed specifications on this product, or for the complete line of SJE Rhombus® panel, alarm, and switch products, visit our website at [www.sjrhombus.com](http://www.sjrhombus.com).*

## INSTALLING THE HOME TEMPERATURE MONITOR SWITCH

1. Determine the location where the Home Temperature Monitor switch is to be mounted.  
**Note:** The switch monitors the temperature of the area where it is located. If the temperature of a specific area needs to be monitored, the switch must be mounted in that area.
2. Remove the two screws that hold the housing together and separate the two housing halves.
3. Use the three screw holes provided in the housing back to mount the unit to the wall. **Note:** The housing is designed to accept 3/4 inch conduit for wiring purposes.
4. Make connections to the switch using the two screw terminals inside the housing. **Note:** Two wire nuts are included in the event a wire splice is needed.
5. Complete installation of the overall system with which this switch will be used.
6. Test the system by removing a wire from one of the screw terminals after the system is operational. This simulates the switch opening and will result in the system being activated.
7. Reconnect the wire.
8. Replace the enclosure front using the two screws that were removed in Step 2.



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