

# INSTALLATION INSTRUCTIONS



## Self-regulating Crankcase Heaters

**HEAT/IT**

Approval

Models Available

HICK-1 for 120V operation.

HICK-2 for 208-277V operation.



UL Recognized Component  
UL File Number: SA33092

## General

Crankcase heaters are designed for use with refrigeration compressors up to 5 HP and 40 inches or less in circumference. The heaters should be used in non-hazardous areas. The self-regulating cable provides peak heat during cold periods and reduced heat when the air temperature rises.

## INSTALLATION

### **WARNING: ELECTRIC SHOCK/FIRE HAZARD.**

- Due to the risk of electrical shock, arcing and fire caused by product damage or improper usage, installation or maintenance, a ground-fault protection device with a 30mA trip level must be used on each branch circuit supplying power to the crankcase heater.
- Additional materials, such as junction box and appropriate connection accessories must be UL listed or certified for intended use.
- Do not expose heater to temperature above 150°F.
- Do not attempt to repair damaged heating cable. If physical damage is found, the entire unit should be replaced.
- Do not use an extension cord to power the crankcase heater.
- The compressor surface should be inspected to ensure that it is clean and has no sharp or jagged edges that might damage the heating cable before the heater installation.
- Disconnect all power before installing or servicing heating cable and accessories.
- A qualified technician should perform installation of the heating cable and accessories. Electrical connection must be in accordance with the National Electrical Code and must be protected from rain and other water.
- Crankcase heaters are designed for use on refrigeration compressors and may be used only on metal hermetic compressors.
- Leave these Installation Instructions with the user for future reference.

## Installation

1. Wrap cable around the compressor as shown and tighten the flexible lock-strap. Make certain to have good contact between the heater and the surface of the compressor.

Caution: Do not use excessive force or strap may break.

2. Connect leads to GFCI protected circuit. Connect black wires to power and neutral, and the green wire to ground.

