

# Installation Instructions

## 102125301 Crankcase Heater Kit

**NOTE:** Read the entire instruction manual before starting the installation.

### SAFETY CONSIDERATIONS

Installing and servicing of Ice Maker equipment can be hazardous due to system pressure and electrical components. Only trained personnel should install or service Ice Maker equipment.

Follow all safety codes. Wear safety glasses and work gloves. Use a quenching cloth for brazing operations. Have a fire extinguisher available.

Understand the signal words DANGER, WARNING, and CAUTION. These words are used with the safety-alert symbol. DANGER identifies most serious hazards which **will** result in severe personal injury or death. WARNING signifies hazards which **could** result in personal injury or death. CAUTION is used to identify unsafe practices which **would** result in minor personal injury or product and property damage.

**WARNING: Before beginning any installation or modification, be sure the main electrical disconnect switch is in the OFF position. TAG THE DISCONNECT SWITCH WITH A SUITABLE WARNING LABEL.**

**Electrical shock can cause personal injury or death.**

### INTRODUCTION

This instruction covers the installation of Crankcase Heater Kits in Ice Maker equipment.

### DESCRIPTION AND USAGE

The crankcase heater warms the compressor crankcase during the off cycle when ambient temperature is below 66°F. Crankcase heater is wired across the open contacts of the contactor. When contactor is de-energized, crankcase heater is on. The heater is used to warm the oil, to reduce refrigerant migration, and ensure proper compressor lubrication.

### INSTALLATION

Remove unit access panel and control box access panel. Install crankcase heater on compressor as shown in Fig. 1. Wrap heater around compressor base below oil level (heater arms may be spread to slip over piping and terminal box). Position heater below compressor terminal box approximately 2 in. above compressor mounting plate. Fasten heater firmly in place with clip provided on heater.

**Wiring**— Route the crankcase heater wires into control box and attach on contactor.

Reinstall control and unit access panels and check unit operation.

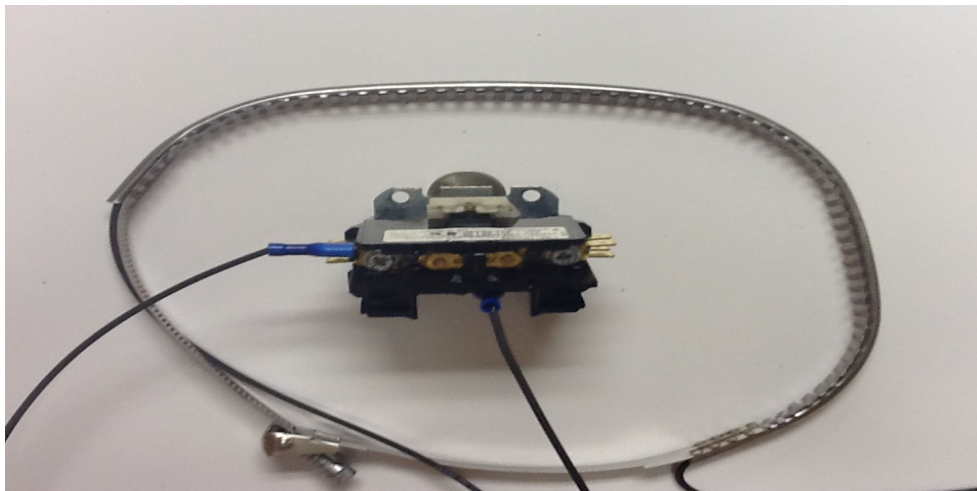


Fig.1.

KOLD – DRAFT 02/12/13 102125301 crankcase heater kit