

FSK01A FREEZE THERMOSTAT

INSTALLATION INSTRUCTIONS

ATTENTION INSTALLING PERSONNEL

As a professional installer, you have an obligation to know the product better than the customer. This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with this Instruction Manual. Pay special attention to all safety warnings. Often during installation or repair, it is possible to place yourself in a position which is more hazardous than when the unit is in operation.

Remember, it is **your** responsibility to install the product safely and to know it well enough to be able to instruct a customer in its safe use.

Safety is a matter of common sense...a matter of thinking before acting. Most dealers have a list of specific good safety practices...follow them.

The precautions listed in this Installation Manual are intended as supplemental to existing practices. However, if there is a direct conflict between existing practices and the content of this manual, the precautions listed here take precedence.



RECOGNIZE THIS SYMBOL

AS A SAFETY PRECAUTION.

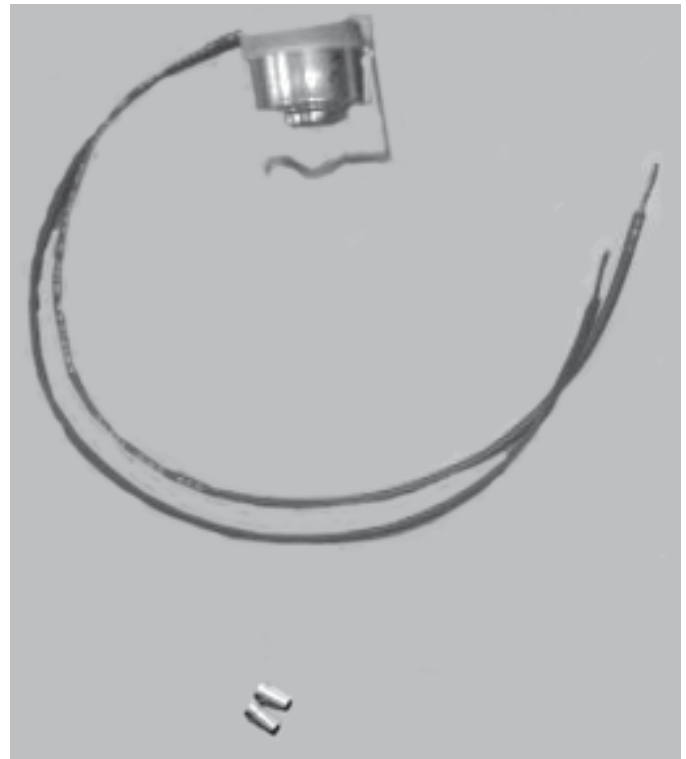
DESCRIPTION

This kit consists of a line thermostat which installs on one of the feeders to the suction manifold for the indoor coil. The twenty-four volt cooling lead from the room thermostat to the outdoor unit must run through the line thermostat. If an operating condition is reached in which freeze up of the indoor coil is imminent, then the line thermostat will disconnect the cooling signal to the outdoor unit and prevent the indoor coil from freezing. Two operating conditions which may cause freeze up are a very dirty return air filter or the loss of the indoor blower.

KIT PARTS

This kit includes:

1	Installation Instructions	IO-812
1	Line Thermostat	11046704
2	Wire Nuts	A4617501



WARNING

ONLY INDIVIDUAL MEETING (AT A MINIMUM) THE REQUIREMENTS OF AN "ENTRY LEVEL TECHNICIAN" AS SPECIFIED BY THE AIR-CONDITIONING, HEATING, AND REFRIGERATION INSTITUTE (AHRI) MAY USE THIS INFORMATION. ATTEMPTING TO INSTALL OR REPAIR THIS UNIT WITHOUT SUCH BACKGROUND MAY RESULT IN PRODUCT DAMAGE, PERSONAL INJURY, OR DEATH.



INSTALLATION INSTRUCTIONS



WARNING

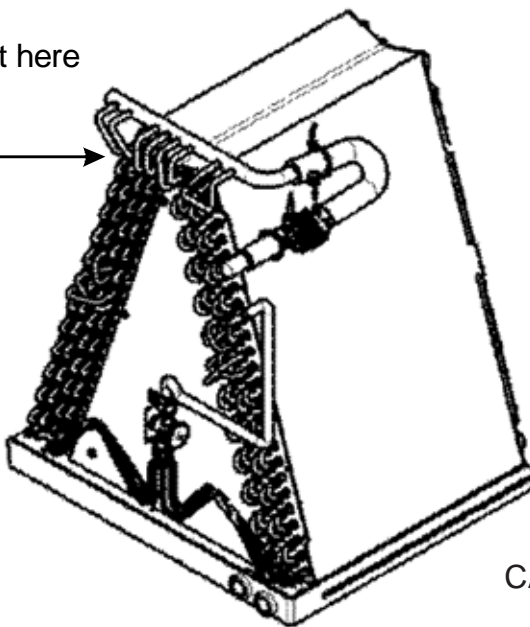
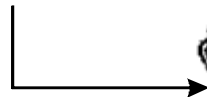
HIGH VOLTAGE

DISCONNECT ALL ELECTRICAL POWER BEFORE SERVICING OR INSTALLING THIS KIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



1. Disconnect all electrical power to the unit.
2. Locate the thermostat wire that runs from the room thermostat to the outdoor unit. Identify the lead which carries the cooling signal to the outdoor unit. Refer to the indoor and outdoor unit wiring diagrams.
3. Cut the cooling lead from the room thermostat to the outdoor unit. Extend the two ends so both will reach the indoor coil plenum.
4. Remove the panel necessary to gain access to the indoor coil suction header.
5. Clip the line thermostat over one of the 3/8 inch feeder tubes connected to the suction header (see illustration). Ensure the body of the thermostat makes good contact with the tube.
6. Route the two extended leads into the coil plenum through its own hole or with the liquid or suction lines. Make certain sharp sheet metal edges will not cut or damage any of the wiring. To prevent cutting or damaging of the wiring, do not run the wiring in the gap between the door panel and the cabinet. Connect the two wires to the line thermostat with the wire nuts provided.
7. Secure the wires and replace any panels removed. Seal any holes or openings made in the plenum.
8. Restore electrical power and check for normal cooling operation.

Install
Line Thermostat here



CAPT

NOTE: The sensor can be located on the top or the bottom of the tubing.

NOTE: SPECIFICATIONS AND PERFORMANCE DATA LISTED HEREIN ARE SUBJECT TO CHANGE WITHOUT NOTICE

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