

HKTWN ELECTRIC HEAT KIT

INSTALLATION INSTRUCTIONS



WARNING

ONLY PERSONNEL THAT HAVE BEEN TRAINED TO INSTALL, ADJUST, SERVICE, MAINTENANCE OR REPAIR (HEREINAFTER, "SERVICE") THE EQUIPMENT SPECIFIED IN THIS MANUAL SHOULD SERVICE THE EQUIPMENT.

THIS EQUIPMENT IS NOT INTENDED FOR USE BY PERSONS (INCLUDING CHILDREN) WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES, OR LACK OF EXPERIENCE AND KNOWLEDGE, UNLESS THEY HAVE BEEN GIVEN SUPERVISION OR INSTRUCTION CONCERNING USE OF THE APPLIANCE BY A PERSON RESPONSIBLE FOR THEIR SAFETY.

CHILDREN SHOULD BE SUPERVISED TO ENSURE THAT THEY DO NOT PLAY WITH THE EQUIPMENT.

THE MANUFACTURER WILL NOT BE RESPONSIBLE FOR ANY INJURY OR PROPERTY DAMAGE ARISING FROM IMPROPER SUPERVISION, SERVICE OR SERVICE PROCEDURES. IF YOU SERVICE THIS UNIT, YOU ASSUME RESPONSIBILITY FOR ANY INJURY OR PROPERTY DAMAGE WHICH MAY RESULT. IN ADDITION, IN JURISDICTIONS THAT REQUIRE ONE OR MORE LICENSES TO SERVICE THE EQUIPMENT SPECIFIED IN THIS MANUAL, ONLY LICENSED PERSONNEL SHOULD SERVICE THE EQUIPMENT. IMPROPER SUPERVISION, INSTALLATION, ADJUSTMENT, SERVICING, MAINTENANCE OR REPAIR OF THE EQUIPMENT SPECIFIED IN THIS MANUAL, OR ATTEMPTING TO INSTALL, ADJUST, SERVICE OR REPAIR THE EQUIPMENT SPECIFIED IN THIS MANUAL WITHOUT PROPER SUPERVISION OR TRAINING MAY RESULT IN PRODUCT DAMAGE, PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



WARNING

DO NOT BYPASS SAFETY DEVICES.

QUEBEC DISCLOSURE REGARDING AVAILABILITY OF REPLACEMENT PARTS, REPAIR SERVICES AND INFORMATION FOR MAINTENANCE AND REPAIR: Daikin Comfort Technologies Manufacturing, Inc. (Daikin) does not guarantee the availability of (1) replacement parts; (2) repair services; and (3) information necessary to maintain or repair products, within the meaning of section 39.1 of the Consumer Protection Act, CQLR, c P-40.1 and section 79.18 of the Regulation respecting the application of the Consumer Protection Act, CQLR, c P-40.1, r. 3.

AVIS POUR LE QUÉBEC CONCERNANT LA DISPONIBILITÉ DES PIÈCES DE RECHANGE, DES SERVICES DE RÉPARATION ET DES RENSEIGNEMENTS POUR L'ENTRETIEN ET LA RÉPARATION : Daikin Comfort Technologies Manufacturing, Inc. (Daikin) ne garantit pas la disponibilité (1) des pièces de rechange, (2) des services de réparation et (3) des renseignements pour l'entretien et la réparation, au sens de l'article 39.1 de la Loi sur la protection du consommateur, RLRQ c P-40.1 et de l'article 79.18 du Règlement d'application de la Loi sur la protection du consommateur, RLRQ c P-40.1, r. 3.

SAFETY PRECAUTIONS

The following symbols and labels are used throughout this manual to indicate immediate or potential safety hazards. It is the owner's and installer's responsibility to read and comply with all safety information and instructions accompanying these symbols. Failure to heed safety information increases the risk of personal injury, property damage, and/or product damage.



WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING.
MULTIPLE POWER SOURCES MAY BE PRESENT.
FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE,
PERSONAL INJURY OR DEATH.



WARNING

ONLY INDIVIDUALS MEETING THE REQUIREMENTS OF AN "ENTRY LEVEL TECHNICIAN", AT A MINIMUM, 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.



WARNING

THIS APPLIANCE MUST BE INSTALLED FOLLOWING THE ANSI/NFPA 70 (NATIONAL ELECTRICAL CODE) AND OTHER APPLICABLE CODES.



WARNING

FAILURE TO FOLLOW THESE INSTRUCTIONS CAN CAUSE FIRE, EXPLOSION, ELECTRICAL SHOCK, PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



CAUTION

TO AVOID POSSIBLE PERSONAL INJURY, USE EXTREME CAUTION IF USING POWER TOOLS TO REMOVE THE SMALL BREAKER MOUNTING BRACKETS. THE BRACKETS MAY QUICKLY ROTATE AND CAUSE INJURY, OR DEATH.

19001 Kermier Rd. Waller, TX 77484

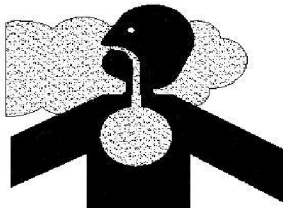
www.goodmanmfg.com • www.amana-hac.com • www.daikincomfort.com

© 2025 Daikin Comfort Technologies Manufacturing, Inc.

IOD-7193
12/2025

Amana® is a registered trademark of Maytag Corporation or its related companies and is used under license.
All rights reserved.



 DANGER PELIGRO

CARBON MONOXIDE POISONING HAZARD
Special Warning for Installation of Furnace or Air Handling Units in Enclosed Areas such as Garages, Utility Rooms or Parking Areas
Carbon monoxide producing devices (such as an automobile, space heater, gas water heater, etc.) should not be operated in enclosed areas such as unventilated garages, utility rooms or parking areas because of the danger of carbon monoxide (CO) poisoning resulting from the exhaust emissions. If a furnace or air handler is installed in an enclosed area such as a garage, utility room or parking area and a carbon monoxide producing device is operated therein, there must be adequate, direct outside ventilation.
This ventilation is necessary to avoid the danger of CO poisoning which can occur if a carbon monoxide producing device continues to operate in the enclosed area. Carbon monoxide emissions can be (re)circulated throughout the structure if the furnace or air handler is operating in any mode.
CO can cause serious illness including permanent brain damage or death.
B10259-216

SHIPPING INSPECTION

All units are securely packed in shipping containers tested according to ISTA specifications. The carton must be checked upon arrival for external damage. If damage is found, a request for inspection by the carrier's agent must be made in writing immediately.

Inspect the kit carefully on arrival for damage and screws or wires which may have come loose in transit. In the event of damage the consignee should:

1. Make a notation on delivery receipt of any visible damage to shipment or container.
2. Notify the carrier promptly and request an inspection.
3. With concealed damage, the carrier must be notified as soon as possible - preferably within five days.
4. File the claim with the following support documents within a nine month statute of limitations.
 - Original or certified copy of the Bill of Lading, or indemnity bond.
 - Original paid freight bill or indemnity in lieu thereof.
 - Original or certified copy of the invoice, showing trade and other discounts or reductions.
 - Copy of the inspection report issued by the carrier's representative at the time damage is reported to the carrier.

The carrier is responsible for making prompt inspection of damage and for a thorough investigation of each claim. The distributor or manufacturer will not accept claims from dealers for transportation damage.

STANDARD AIR HANDLER INSTALLATION

 WARNING
HKTWN ELECTRIC HEATER KITS MAY ONLY BE INSTALLED IN AWWEXXLU1300YY MODELS. (WHERE XX IS THE TWO-DIGIT SIZE AND YY ARE REVISION LETTERS).
 WARNING
ONLY INSTALL HEATER KITS INTO AN AIR HANDLER THAT IS LISTED AS APPROVED ON THE RATING PLATE OF THE AIR HANDLER.
 WARNING
TO PREVENT PERSONAL INJURY OR DEATH WHEN INSTALLING IN A GARAGE, THE ELEMENT MUST BE AT LEAST 18" ABOVE THE FLOOR.
 CAUTION
TO AVOID PROPERTY DAMAGE OR PERSONAL INJURY DUE TO FIRE, USE ONLY COPPER CONDUCTORS.

1. Remove the upper access panel from the air handler.
2. Remove and retain the four (4) screws securing the cover plate. Remove and discard the cover plate.
3. Remove the top plate from the air handler to make room for installation. Do not remove the control board (PCB) or/and transformers to install the electric heat kit.

NOTE: AN EXTERNAL DISCONNECT SWITCH MUST BE INSTALLED AT THE TIME OF UNIT INSTALLATION, LOCATED WITHIN 6 FEET (APPROXIMATELY 2 METERS) OF THE UNIT.

4. Slide the electric heat kit into the opening in the air handler, making sure the direction of airflow decal attached to the electric heat face plate is pointing in the correct direction, and secure the electric heat face plate using the screws removed in Step 2. Use caution to not bend or damage the electric heating elements, the limit switches or fuses during this process. See Figure 1.

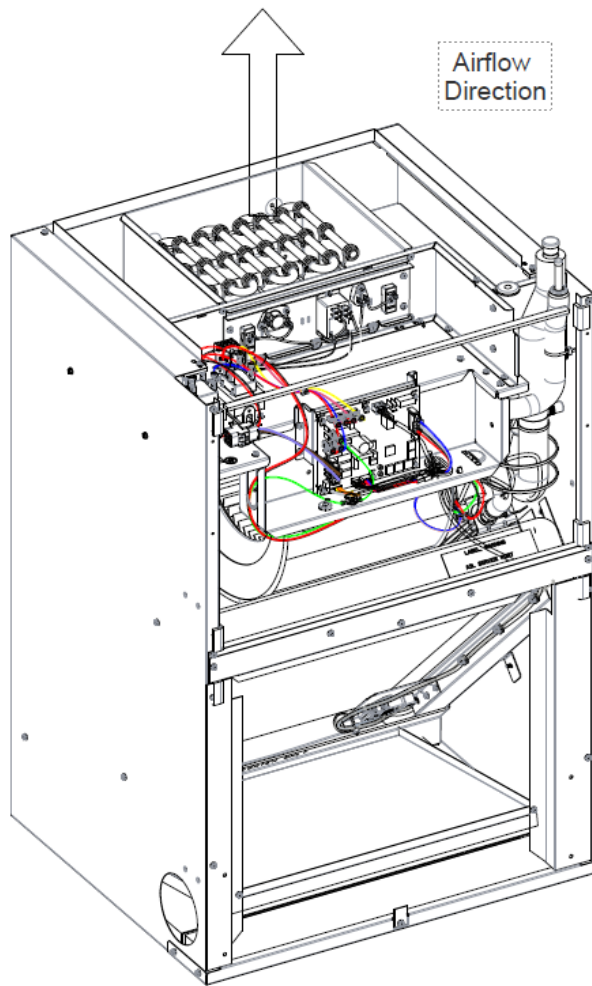


FIGURE 1

3. For low voltage connections, remove the female multi-pin connector with the jumper wire provided with the air handler from the male multi-pin connector provided with the air handler. Insert the female multi-pin connector provided with the electric heat kit into the male multi-pin connector provided with the air handler. **NOTE:** it can be inserted in one position only.
4. Mark with sign "X" on the name plate according to which heater kit size is installed.

START-UP

1. Double check all electrical connections and screws to ensure proper installation.
2. Replace the upper access panel on the air handler.
3. Make sure all the external circuit breakers and electric power supply are on.
4. Install an ammeter on the power supply(s) to the air handler.
5. Turn the room thermostat setting to emergency heat and adjust the set point about 1°F above actual room temperature to "call for heat".
6. The blower should turn on within the first 10 seconds and up to the first 10kW of electric heat should turn on within 10-30 seconds.
7. Turn the room thermostat setting to off. The blower and all electric heat should turn off within 70 seconds.

ELECTRICAL CONNECTIONS



WARNING

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING.
MULTIPLE POWER SOURCES MAY BE PRESENT.
FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE,
PERSONAL INJURY OR DEATH.



1. All electric heat kits have lead wires for connection of high voltage power supply. The power wires must be routed through a strain relief as they enter the cabinet. Check the air handler rating plate for Maximum Circuit Ampacity and Maximum Overcurrent Protection electrical rating of each circuit.
2. Connect the ground wire from the power supply to the ground lug provided in the air handler. For two power supply electric heat kits, one ground lug is provided with the air handler and the second ground lug is supplied with the electric heat kit (on the circuit breaker mounting plate). Use proper torque to secure the ground wire to the ground lug.

CUSTOMER FEEDBACK

We are very interested in all product comments.

Please fill out the feedback form on one of the following links:

Daikin Products: (<https://daikincomfort.com/contact-us>)

Goodman® Brand Products: (<http://www.goodmanmfg.com/about/contact-us>).

Amana® Brand Products: (<http://www.amana-hac.com/about-us/contact-us>).

You can also scan the QR code on the right for the product brand you purchased to be directed to the feedback page.



DAIKIN



GOODMAN® BRAND



AMANA® BRAND

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

Quality Makes the Difference!

All of our systems are designed and manufactured with the same high quality standards regardless of size or efficiency. We have designed these units to significantly reduce the most frequent causes of product failure. They are simple to service and forgiving to operate. We use quality materials and components. Finally, every unit is run tested before it leaves the factory. That's why we know. . . **There's No Better Quality.**

Visit our website at www.daikincomfort.com, www.goodmanmfg.com or www.amana-hac.com for information on:

- Products
- Customer Services
- Contractor Program and Training
- Warranties
- Parts
- Financing Options

19001 Kermier Rd. Waller, TX 77484

www.daikincomfort.com • www.goodmanmfg.com • www.amana-hac.com

© 2025 Daikin Comfort Technologies Manufacturing, Inc.

Amana® is a registered trademark of Maytag Corporation or its related companies and is used under license.

All rights reserved.