



WARREN TECHNOLOGY, INC.

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Electric Heater Model WPS Series	INSTALLATION INSTRUCTIONS Date: 3-1-06	YORK DPS/DHE Single Pkg Air Cond. YORK BPS/BHP Single Pkg Heat Pump 2, 2½ and 3 Ton Units
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GENERAL

These instructions contain all the necessary information for field installation of WPS Series electric heater accessories into single package equipment. These accessories include all hardware required for installation.

The WPS Series electric heat accessories are used for applications of cooling units (Series D*PS and D*HE) with electric heat and heat pump units (Series B*PS and B*HP) with electric heat.

Single package units, with or without electric heat accessory installed, are approved for zero clearance to both unit and to supply air ductwork.

NOTE: To ease installation, the heat accessory should be installed, when possible, before the supply air duct is attached to the unit's supply air opening flanges.

INSTALLATION

Install the electric heater accessory as follows:

1. Disconnect all electric power to unit.
2. Remove the control access compartment panel from the unit.
3. Remove and discard the plate which covers a rectangular opening in the unit plenum.
4. Cut and remove the insulation which is exposed by removal of the cover plate in Step 3.
5. Carefully insert heater through opening in plenum. Do **NOT** pinch factory wires between heater panel and plenum.

CAUTION: Exercise care when inserting the heater element(s) through the rectangular opening in the plenum to avoid damage or misalignment of the heater coils. Heater panel must fit flush against the plenum without force and the panel mounting holes must be properly aligned.

6. Secure heater panel to plenum with six (6) screws provided.
7. Insert heater's 4-wire connector plug into corresponding unit's 4-wire receptacle, mounted on transformer bracket.
8. Connect heater's power supply wires to factory-side lugs of unit's high voltage terminal block "TB1".

NOTE: Jumper wire "A" should be removed from the heater (except 5 KW heater which has no jumper wire) prior to installation into any series BPS/BHP heat pump unit. See heater wiring label.

9. Attach accessory heater ampacity label, supplied with heater (when other than standard cross model), to the front of the control access compartment panel. Mark in appropriate box the corresponding unit model number.
10. Mark unit nameplate in appropriate box to indicate the cross reference model of heater accessory installed.
11. Replace the control access compartment panel that was removed in Step 2 above.
12. Reconnect power to the unit after making certain that field wiring size satisfies minimum local codes and/or NEC requirements.

Manufacturer reserves the right to discontinue or change at any time, specifications or designs without notice and without incurring obligations.

N:WORKSHEETS-NEWYORK 3-1-06

START-UP and CHECK-OUT

CAUTION: Before proceeding, verify that all wiring is correct per factory approved schematic. Notify factory immediately of any discrepancies.

1. Refer to base unit installation as required.
2. Check for loose terminal connections.
3. Check that all fuse and circuit breaker short circuit interrupting ratings are adequate.
4. Turn on unit and heater power.
5. Set thermostat to call for heat.
6. Check operation of heater.
7. Check that air flow across heater is at or above minimum recommended fan speed. Adjust as required.
8. Any modification or repairs to this equipment without written permission from the factory will be done at the installer's own risk and expense.

SERVICE

Fuses/Circuit Breaker - Malfunction will interrupt power to unit. Check for cause of failure, correct, and *replace fuses or reset circuit breaker.*

Limit Switch / Fusible Link - Malfunction prevents heating element(s) from being energized. *Replace switch if malfunction occurs.*

Contactor/Sequencer - Malfunction will cause heater to not come on or not shut off. *Replace faulty contactor. Do not attempt to replace coil or dress contacts.*

Fan Relay - Malfunction will cause fan to not come on or not shut off. *Replace Faulty relay. Do not attempt to replace coil or dress contacts.*

CROSS REFERENCE

WARREN Number	YORK/LUXAIRE Number	FITS DPS/DHE/BPS/BHP
WPS0502	2HJ06500506	024, 030, 036
WPS0752b	2HJ06500806	024, 030, 036
WPS1002B	2HJ06501006	024, 030, 036
WPS1252B	2HJ06501306	030, 036
WPS1502B	2HJ06501506	36