



89-2103-15B/89-4103-15B
INSTALLATION INSTRUCTIONS
BLOWER CONTROL PKGS. FOR COLEMAN SERIES 7900 AND DGRT GAS FURNACES
WITH 2 1/2 TON OR LESS AIR CONDITIONING ONLY

INTRODUCTION:

These conversion Blower Control Packages are designed for converting Coleman Series 7900 and DGRT Manufactured Housing Gas Furnaces to split system air conditioning not exceeding two and one-half (2 1/2) ton capacity using original heating blower. Failure to replace heating blowers with special air conditioning/heat pump blower packages on installations over two and one-half (2 1/2) tons or installations with high static duct systems may result in coil freeze up problems, higher operating costs and compressor damage. **ALL HEAT PUMP INSTALLATIONS AND ALL HIGH STATIC DUCT SYSTEMS WILL REQUIRE BLOWER PACKAGES.**

Package consists of one carton that contains the blower control box wired for either 2 wire or 4 wire controls and one 40VA transformer. Model numbers for Blower Control Packages are as follows:

89-2103-15B 2 Wire Blower Control Pkg.
designed for simple installation
utilizing existing heating thermostat.

89-4103-15B 4 Wire Blower Control Pkg.
designed for installation of a 4 wire
heat / cool thermostat.

WARNING: DANGER OF PROPERTY DAMAGE, BODILY INJURY OR DEATH

FOR SAFE OPERATION, IT IS THE RESPONSIBILITY OF THE INSTALLER TO ASSURE THAT THIS PACKAGE IS INSTALLED IN ACCORDANCE WITH THE FURNACE MANUFACTURER'S RECOMMENDATION, LOCAL CODES, GOOD TRADE PRACTICES AND THESE INSTRUCTIONS. FAILURE TO DO SO MAY RESULT IN DAMAGE OR INJURY FROM HAZARDS SUCH AS FIRE, SMOKE, SOOT, ELECTRIC SHOCK OR CARBON MONOXIDE.

INSTALLATION:

1. Turn the wall thermostat to its lowest setting. Allow furnace to shut off completely. Turn off all electrical circuits to the furnace at the main circuit box.
2. Remove the furnace door.
3. Turn off furnace system switch on furnace control panel.
4. Disconnect the multi-point motor plug from furnace control panel.
5. Remove the control box from carton and check for damage. If any damage is visible, do not install; notify carrier.
6. Mount bottom of control box approximately 1 inch above heating blower mounting screws using two (2) provided self-tapping screws (make sure wiring harnesses will plug in with no strain on wiring)
7. Connect blower male plug to control box pigtail and control box male plug to furnace controls.
8. Remove gray wire from right side of limit switch on shelf to left of blower and attach yellow wire with male / female connector. Reattach grey wire to male connector on yellow wire.
9. Replace heating transformer with provided 40VA transformer in package.
10. Check operation of heating and cooling systems to determine they are in safe operating condition.