



INSTALLATION INSTRUCTIONS

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FURNACE TRANSITION KIT

INSTALLATION INSTRUCTIONS FOR FURNACE TRANSITION KIT CAT# 16L42 (LB-93419A), AND CAT# 16L43 (LB-93420A) USED WHEN CONVERTING FROM GSR14 UNITS TO GHR26 UNITS (DOWNFLOW)

SHIPPING AND PACKING LIST

Package 1 of 1 contains:

- 1 - Supply air transition
- 1 - Return air transition
- 8 - Insulation pins
- 8 - Insulation washers
- 1 - Roll of adhesive-backed foam tape (1/8" thick x 5/16" wide)

SHIPPING DAMAGE

Check all components for shipping damage. Consult last carrier immediately if damage is found.

APPLICATION

Table 1 shows furnace transition kit usage. These kits are used when replacing an existing GSR14 downflow furnace with a GHR26 downflow furnace. It allows installation of the GHR26 furnace without modification of the existing supply and return air plenums.

Note - GHR26 units are not certified for installation in mobile homes.

Removal of GSR14

Refer to figure 1 for typical GSR14 installation.

- 1 - Set the thermostat to the lowest setting.
 - 2 - Disconnect electrical power to GSR14 unit.
 - 3 - Shut off gas to GSR14 unit.
 - 4 - In applications without air conditioning disconnect supply air plenum. In applications with air conditioning disconnect coil cabinet.
 - 5 - Disconnect return air plenum.
 - 6 - Remove control access panel.
 - 7 - Cut combustion air intake pipe and exhaust pipe in location(s) which will allow convenient reconnection of pipes to GHR26 unit, and/or removal of muffler(s) (if installed). Remove muffler(s) (if installed). Support intake and exhaust pipes to prevent damage to pipe joints.
 - 8 - Cut heat exchanger condensate drain line in a location which will allow convenient reconnection with GHR26 unit.
 - 9 - Disconnect gas line at unit.
 - 10 - Disconnect power wiring at unit.
 - 11 - Disconnect low voltage wiring at unit.
 - 12 - Remove blower access panel.
 - 13 - Remove filter from inside of unit (if present) and disconnect return air plenum at unit.
- Note - Existing GSR14Q4/5-80/100 filter can be used in GHR26Q4/5-100 units.*
- 14 - Remove GSR14 unit.

TABLE 1

GSR14	CABINET WIDTH inches (mm)	GHR26	CABINET WIDTH inches (mm)	KIT CAT# (LB#)
Q3-50	21-1/4 (540)	Q2/3-50	16-1/4 (413)	16L43 (LB-93420A)
Q3-80	21-1/4 (540)	Q3-75	16-1/4 (413)	16L43 (LB-93420A)
Q4/5-80	21-1/4 (540)	Q4/5-100	21-1/4 (540)	16L42 (LB-93419A)
Q4/5-100	21-1/4 (540)	Q4/5-100	21-1/4 (540)	16L42 (LB-93419A)

Note - There is no direct replacement for GSR14Q4-50 unit with a GHR26 unit.

TYPICAL GSR14 DOWNFLOW INSTALLATION

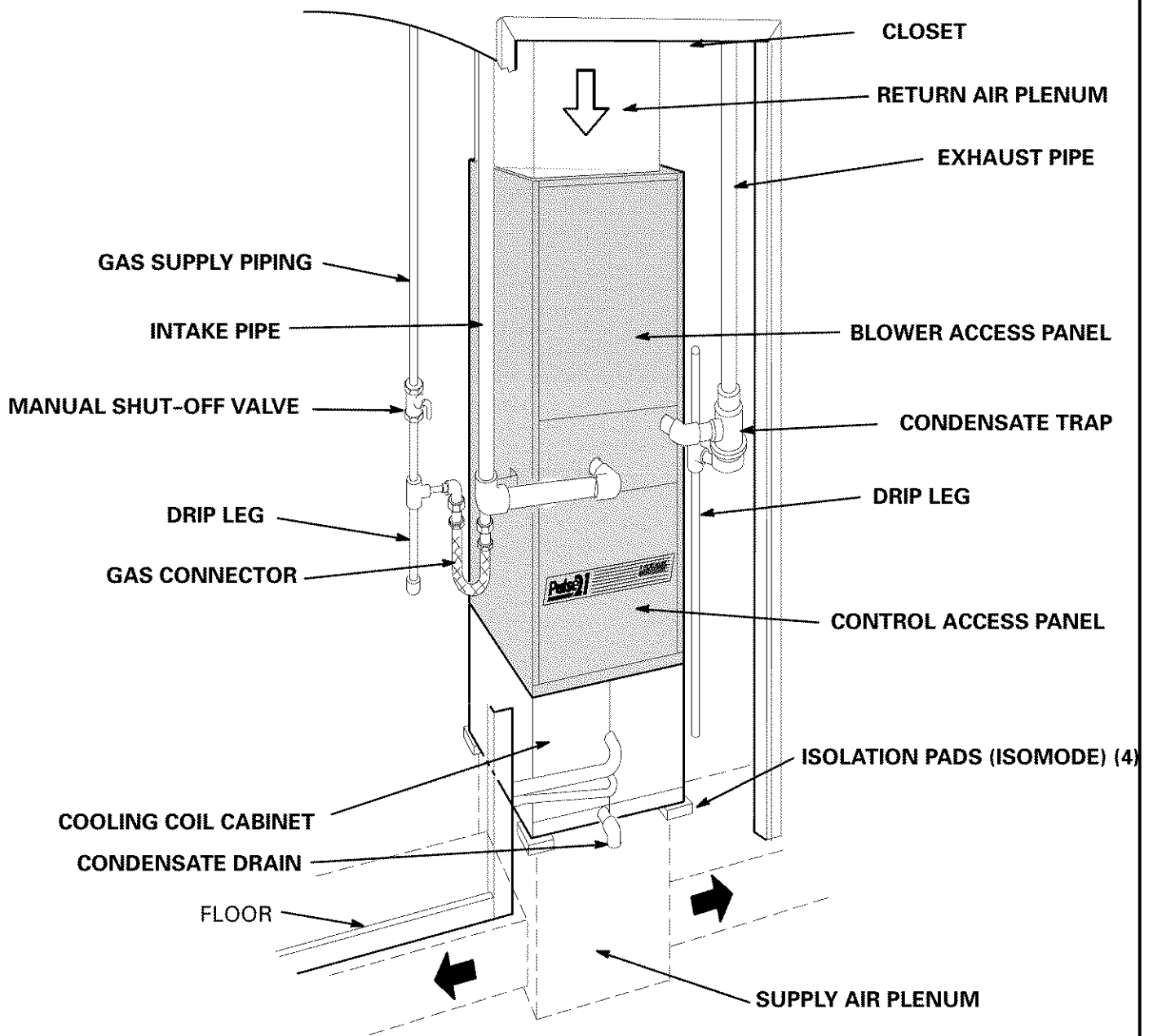


FIGURE 1

INSTALLATION of GHR26

Note – Installation must conform with these instructions and the installation instructions packaged with the GHR26 furnace.

A – Return Air Transition installation. Refer to figure 2.

- 1 – Lay GHR26 unit on its back (exposed internal parts facing up).
- 2 – Cut four strips from roll of adhesive-backed foam tape (provided) and fit to return air transition flanges. Apply to flanges.
- 3 – If required, internally insulate transition with foil-faced insulation (field provided) and fasten with kit provided insulation pins and washers.
- 4 – Install transition as shown.
- 5 – Install filter as shown in GHR26 installation instructions. GHR26Q4/5-100 unit will accept installation of GSR14Q4/5-80/100 unit filter. GHR26-50 and -75 units require a field provided 14x25x1 filter.

B – Supply Air Transition Installation. Refer to figure 2.

- 1 – Cut four strips from roll of adhesive-backed foam tape (provided) and fit to supply air transition flanges. Apply to flanges.
- 2 – If required, internally insulate transition with foil-faced insulation (field provided) and fasten with kit provided insulation pins and washers.
- 3 – Install transition as shown.

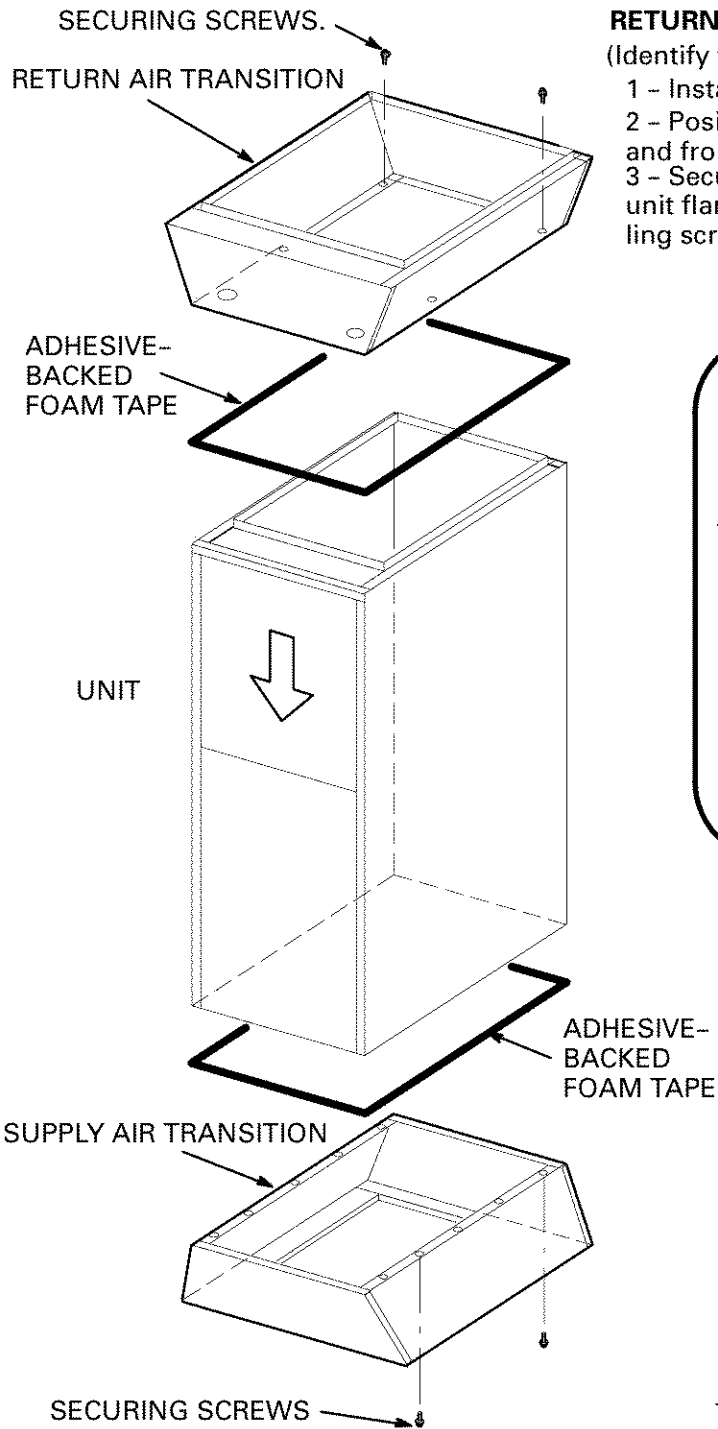
C – Unit Installation

- 1 – Align unit with existing supply air plenum (coil cabinet in air conditioning applications) and return air plenum. Make connections to unit.
- 2 – Connect low voltage wiring as illustrated in GHR26 installation instructions.
- 3 – Connect high voltage wiring as outlined in GHR26 installation instructions.
- 4 – Connect gas piping as outlined in GHR26 installation instructions.
Consult local codes for flexible connector installation restrictions on GHR26 furnace.
- 5 – Connect venting as outlined in GHR26 installation instructions.

Note – Mufflers can not be used in GHR26 installation. Check existing venting for size (diameter and length). It should meet the specifications as outlined in GHR26 installation instructions. If a concentric vent is used for GHR26-100 unit, it must be identified as catalog number 33K97.

- 6 – Connect heat exchanger condensate drain line as outlined in GHR26 unit installation instructions.
Note – Coil drain line must not be connected to heat exchanger condensate drain line. If lines were connected, debris from evaporator could affect heat exchanger operation.
- 7 – Continue with Unit Start-up Section as outlined in GHR26 installation instructions.
Note – See GHR26 installation instructions for heat anticipation settings.

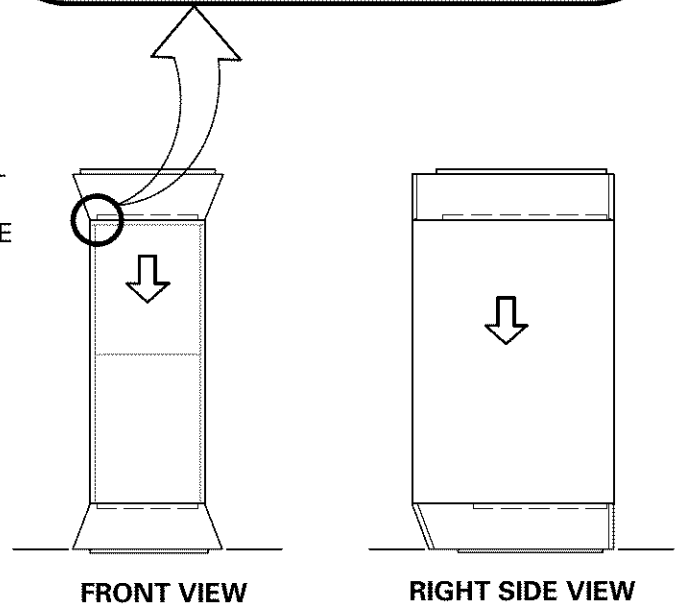
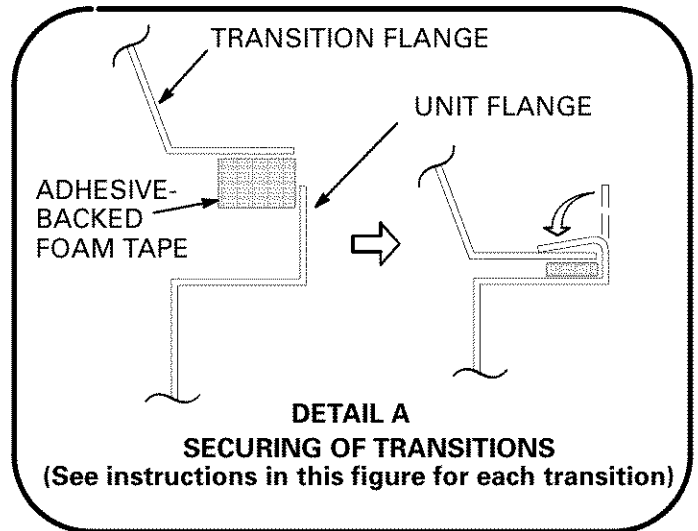
TYPICAL GHR26 DOWNFLOW INSTALLATION



RETURN PLENUM INSTALLATION -

(Identify transition by its two sided taper.)

- 1 - Install foam tape as shown.
- 2 - Position plenum as shown in main figure and front and side views.
- 3 - Secure two sides and back by bending unit flanges as shown in detail A and/or by installing screws on these three sides.



SUPPLY PLENUM INSTALLATION -

(Identify transition by its three-sided taper.)

- 1 - Install foam tape as shown.
- 2 - Position plenum as shown in main figure and front and side views.
- 3 - Secure with field provided screws as shown (two each side).
(Bend unit flanges over for additional air sealing, if desired. See detail A.)

FIGURE 2