

# INSTRUCTIONS FOR INSTALLING A HARNESS CHANNEL (POWER VENT MODELS)

## Kit Contents:

- Two Channels (one 25-in lg. and one 20-in lg.)
- Three Screws

1. Turn off the gas supply by following the Lighting and Operating instructions.
2. Turn off all power to the unit and unplug it from the wall.
3. Unplug the current harness from the gas control valve/thermostat and the blower assembly. Remove and keep the screw-in clips that secure the harness to the jacket.
4. Cut the harness off at each end (where it comes out of the jacket at the top and the bottom).
5. Connect one end of the new harness to the gas control valve/thermostat and the opposite end to the blower assembly.
6. Reinstall the screw-in clips that you removed earlier to secure the harness to the jacket.
7. Hold the 25-inch long channel vertically and place it over the harness. The harness should pass between the channel and water heater jacket without being pinched.
  - a. The lower end of the channel should cover the lower grommet opening (where the old wiring harness exited the jacket). The channel should run upward, directly toward the blower.
  - b. Secure the channel by installing one screw (provided) in the lowest screw hole. See Figure 1. Do not pinch the harness.
8. Fit the 20-inch long channel onto the 25-inch long channel that you just installed. Slide it to the position described below:
  - a. 50 Gallon Unit:  
Align the bottom hole of the 20-inch channel with the top hole of the 25-inch channel (Figure 1). Once aligned, secure the channel by installing a screw through that hole.
  - b. 40 Gallon Unit:  
Align the bottom hole of the 20-inch channel with the second-highest hole on the 25-inch channel (Figure 1). Once aligned, secure the channel by installing a screw through that hole.
  - c. 75 Gallon Unit:  
Align the bottom hole of the 20-inch channel with the third-highest hole on the 25-inch channel (Figure 1). Once aligned, secure the channel by installing a screw through that hole.
9. Secure the top of the 20-inch channel by installing the last screw through the top hole.
10. Plug the unit into an electrical outlet and turn on the power.
11. Follow the Lighting and Operating instructions to place the unit back into service.

