

# INSTALLATION INSTRUCTIONS

## HW/HWC SERVICE COMBUSTION BLOWER

### TL104-2

Manufactured By  
**ARMSTRONG AIR CONDITIONING INC.**  
*A LENNOX International Inc. Company*  
421 Monroe Street  
Bellevue, OH 44811

PART NO.	41748L094	DATE	11-15-94	SUPERSEDES	NEW	PAGE 2 OF 2
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**NOTICE:** This kit is designed to allow a common combustion blower to be used as a service parts replacement for all versions of 26, 38, 51, and 64 HW/HWC models that used either P/N 39005B001 or P/N 41144-001 combustion blower. Therefore, it contains parts that will not be needed for some applications.

For some 26 and 38 models, it will be necessary to replace the flue collector box with one of those from this kit. If the combustion blower being replaced is P/N 39005B001 (part number is marked on the motor nameplate; shaft clearance hole in blower housing is approximately 1-5/8 inches diameter), then the flue collector box must be replaced as noted in the instructions below.

For 51 and 64 models, the combustion blower from this kit can be used with no other changes required to the unit, whether the blower being replaced is P/N 39005B001 or P/N 41144-001.

#### KIT CONTENTS:

DESCRIPTION	USAGE
Combustion blower, P/N 41144-001	ALL models
Flue collector box, P/N 38806D005	SOME 26 models
Flue collector box, P/N 38806D006	SOME 38 models
Service parts Notice Label, P/N 41746-001	SOME 26 and 38 models

#### PROCEDURE:

1. Disconnect the electrical power and turn off the gas supply.
2. Remove the 8 screws used to seal the perimeter of the burner compartment access door; open door.
3. Disconnect the two combustion blower leads (one lead is connected at the ignition control, the other is in a wirenut splice).
4. Remove the two sheet metal screws that hold the flue collector box cover (combustion blower is mounted to this cover) to the flue collector box.
5. Slide the combustion blower/flue collector box cover assembly from the flue collector box, disconnect the flexible tubing from the pressure tap, and rotate the assembly for access to the three flue cover attachment screws.
6. Remove 3 screws that attach the flue collector box cover to the combustion blower; remove the blower and cover from the burner compartment.
7. **26HW/HWC MODELS ONLY:** Refer to the "Notice" on previous page, and determine the part number of the combustion blower being replaced. If it's P/N 39005B001, remove the 4 screws securing the flue collector box, and replace the collector box with P/N 38806D005 collector box (has a total of three 7/8" diameter holes in sides) from this kit.
8. **38HW/HWC MODELS ONLY:** Refer to the "Notice" on previous page, and determine the part number of combustion blower being replaced. If it's P/N 39005B001, remove the 4 screws securing the flue collector box, and replace the collector box with P/N 38806D006 collector box (has a total of five 7/8" diameter holes in sides) from this kit.
9. Using the screws and flue collector box cover removed in Step 6 and the new combustion blower from this kit, attach the flue collector box cover to the combustion blower.
10. Reversing the steps followed during removal, connect the pressure tap tubing, install the combustion blower assembly, connect the combustion blower leads, close and secure the burner access door, connect the electric power, and open the gas supply.
11. Initiate a call for heat and verify proper ignition and operation of burners. Correct any deficiencies.
12. **26HW/HWC AND 38HW/HWC MODELS ONLY:** If the flue collector box was replaced, affix the service parts "NOTICE" label from this kit to the burner access door.