

YUKON AND EAGLE MULTI-FUEL WARM AIR FURNACES MODEL LWO-112 000 AND LWG-112 000

WEIGHT, SIZE AND DISMANTLING INFORMATION FOR INSTALLERS

This furnace is shipped in three cartons.

1. Carton #1 is the basic furnace. It includes: The Firebox, grates, air moving fan and motor and weighs 825 lbs. (including carton & shipping pallet).
2. Carton #2 contains the gas or oil burner, and weighs 35 lbs.
3. Carton #3 is the accessory package, that includes the controls and wiring harness, and weighs 25 lbs.

THE TOTAL SHIPPING WEIGHT OF THESE THREE CARTONS IS, 885 LBS.
THE UNCRATED FURNACE WILL FIT THROUGH A STANDARD 32" DOOR.

To reduce the weight for installation purposes you can do the following:

Remove the firebricks, which weigh a total of 154 lbs.

Remove the standard wood grates, which weigh, 39 lbs.

This will reduce the basic furnace weight to 632 lbs.

To further reduce the weight and size, you will need the following tools:

- * A screwdriver or ¼-inch wrench to remove casing screws.
- * A 3/8- inch wrench to remove the 4 screws, which attach the firebox to the bottom base.
- * A 7/16-inch wrench to remove the 2 furnace fan nuts.

Remove the painted outside casing in the following order using a screwdriver and/or ¼-inch wrench. (Refer to page 28 of installation manual for reference and part numbers.)

1. Remove white panel (part #5)
2. Remove filter door (part #38)
3. Remove furnace fan door (part #35)
4. Remove white panel that surrounds black smoke pipe outlet (part #40)
5. Remove two 7/16-inch nuts holding the blower fan with motor to the base, and remove blower fan assembly.
6. Remove the two sheet metal angles at the bottom of the furnace fan compartment that holds the sheet metal divider to the base (part #32, connected to part #31). Detach the top screws on (part #42 and #43), but *do not remove these parts*.
7. Remove the white plenum divider at the top of the furnace (part #4)
8. Remove the gray front top panel (part #8)
9. Remove the gray rear panel (part #1)
10. To remove the gray rear panel (part #3), you must detach it from the slot in the divider (part #31) by pulling up.
11. Remove the gray front corner panel (part #11)
12. Remove the gray upper front panel (part #9)
13. To remove the gray front panel (part #29), you must detach it from the slot in the divider (part #31) by pulling up.
14. Remove the unpainted upper divider (part #44)
15. Remove the unpainted panel divider (part #31)
16. Remove the four screws that attach the firebox to the bottom base, using a 3/8-inch wrench.

The parts removed, weigh approximately 290 lbs.

The base furnace size is 30 ½ x 56-inches and now weigh 342 lbs.

WEIGHT, SIZE AND DISMANTLING INFORMATION FOR INSTALLERS (continued)

You can further reduce the weight and size by removing the stainless steel secondary heat exchanger (the four square tubes with the smoke pipe outlet) by removing the 16 attaching screws with a 3/8-inch wrench. The secondary heat exchanger weighs 74lbs. The firebox is 30 ½ X 33 ½ X 44 ½-inches high and weigh 277 lbs.

If the furnace is still too large to get around the corner, a model LWO 112 010 or LWG 112 010 may be required. It has a **bolt on** gas or oil chamber instead of this model that is welded to the firebox.

The 010 firebox dimensions are 21 ½ X 30 ½ X 44 ½-inches high and requires a stairwell width of only 22-inches.

YUKON/EAGLE MODEL LWO/LWG 112 000 REASSEMBLY INSTRUCTIONS

1. Place the furnace base as close to its final location as possible.
2. Attach the firebox to the bottom base with the four screws and 3/8-inch wrench.
3. If the secondary heat exchanger was removed attach it now with the 16 screws. Be sure to tighten the screws.
4. Put the divider into place (part #31) but do not attach it at this point.
5. Attach the upper divider (part # 44) to the divider (part #31)
6. Attach the gray upper front panel (part #9)
7. Install the gray front corner panel (part #11)
8. Install the gray front panel (part #29) and attach to divider (part #31)
9. Install the gray rear panel (part #1) and attach to divider (part #31)
10. Attach the two sheet metal angles (part #32) to the divider (part #31)
11. Slide the square opening of the furnace fan into the divider (part #31) Attach the two 7/16-inch nuts to secure the fan to the base.
12. Install the gray top rear panel (part #1)
13. Install the gray front panel (part #8)
14. Install the white top plenum divider (part #4)
15. Install the white side panel (part #40)
16. Install the white filter door (part #36)
17. Install the white furnace fan door (part #35)
18. Install white side panel (part #5)

HOW MUCH TIME DOES IT TAKE TO DISASSEMBLE AND REASSEMBLE THE FURNACE?

Estimated range from one to three hours, two hours for our assembly workers, up to three hours by a professional installer. *Please allow yourself adequate time to insure a safe and proper installation.*

repair parts

CASING ASSEMBLY LEFT HAND SHOWN

