

**INSTALLATION INSTRUCTIONS FOR AIR CONDITIONER COIL
REPLACEMENT**

Shipping and Packing List

Package 1 of 1 contains:

- 1 — Coil assembly (1)
- 1 — Bag assembly
 - Installation Instruction (1)
 - 1/2" filament tape
 - 1/2" coupling (1)
 - Discharge line (1)

Check the replacement coil for shipping damage. If you find any damage, immediately contact the last carrier.

! WARNING

Improper installation, adjustment, alteration, service or maintenance can cause personal injury, loss of life, or damage to property.

Installation and service must be performed by a licensed professional installer (or equivalent) or a service agency.

! CAUTION

Physical contact with metal edges and corners while applying excessive force or rapid motion can result in personal injury. Be aware of, and use caution when working near these areas during installation or while servicing this equipment.

! WARNING

To prevent personal injury, as well as damage to panels, unit or structure, observe the following:

While installing or servicing this unit, carefully stow all removed panels so that the panels will not cause injury to personnel, objects or nearby structures. Also, take care to store panels where they will not be subject to damage (e.g., being bent or scratched).

While handling or stowing the panels, consider any weather conditions (especially wind) that may cause panels to be blown around and damaged.

! WARNING



Electric Shock Hazard. Can cause injury or death. Unit must be grounded in accordance with national and local codes.

Line voltage is present at all components when unit is not in operation on units with single-pole contactors. Disconnect all remote electric power supplies before opening access panel. Unit may have multiple power supplies.

Requirements

Verify that the new coil has holding charge. Remove the cap from the discharge line and press the valve core. The coil should have approximately 10 psi dry air holding charge. If there is no charge, repressurize the coil and check for leaks.

Verify that the liquid and discharge manifolding alignment matches the currently installed coil before removing original coil. Be extremely careful with the stub for the common liquid line.

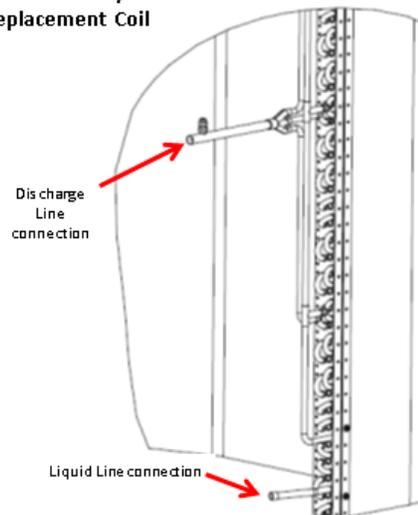
Applicable Units

This installation instruction is used with the following air conditioner coil replacement kits:

Distributor Style Replacement coils

Applicable Models	Lennox Catalog Number	Applicable Models	Lennox Catalog Number
AC13-018-01,02	95M79	XC14-018-01	27W60
AC13-018-03,04	41W25	XC14-024-01	27W60
AC13-024-01,02	95M80	XC15-024-01	13W11
AC13-024-03,04	41W26	XC15-030-01	13W11
AC13-030-01,02	13W42	XC15-036-01,02,03	13W11
AC13-036-01,02	13W43	XC15-042-01,02,03	13W11
AC13-042-01,02	13W44	XC15-048-01,02,03	86M46
AC13-042-03,04	36W85	XC16-024-01	95M81
XC13-018-01	95M79	XC16-036-01,02	95M83
XC13-018-02,03	41W25	SSB036H4S41G,2G/Y,2Y	95W83
XC13-024-01	95M80	XC21-024-01 thru 09	86M46
XC13-024-02,04	41W26	XC21-024-10	97W47
XC13-024-05,06	41W25	XC21-036-01 thru 09	86M46
XC13-030-01,02	95M81	XC21-036-10	97W47
XC13-036-01,02	95M82	XC21-048-01 thru 09	86M46
XC13-042-01,02	95M83	XC21-048-10	97W48
XC13-048-01,02	95M83		
XC13-048-05	42W15		

Distributor Style Replacement Coil



Manifold Style Replacement coils

Applicable Models	Lennox Catalog Number	Applicable Models	Lennox Catalog Number
AC13-030-03,04	36W84	XC15-030-05,06	39W57
AC13-036-03,04	36W84	XC15-036-04,05	39W57
AC13-042-03,04	36W85	XC15-042-04,05	39W57
AC13-048-01,02,03	13W45	XC15-060-01,02,03	93M03
AC13-048-04	31W53	XC16-024-02,03	42W10
AC13-048-05,06	36W86	XC16-024-04	42W11
AC13-060-01,02,03	13W46	XC16-036-03,04	42W11
AC13-060-04,05	36W87	SSB036H4S43G,4G/3Y,4Y	42W11
XC13-030-03,04,05	36W88	XC16-036-05	10M37
XC13-036-03 thru 07	36W88	SSB036H4S45G/5Y	10M37
XC13-042-03,04	36W86	XC16-048-01,02,03,04	13W45
XC13-048-03,04	36W86	SSB048H4S4G/Y (all)	13W45
XC13-048-06,07,08	78E01	XC16-060-01,02,03	16W97
XC13-060-01,02,03	95M84	SSB060H4S4G/Y	16W97
XC13-060-04	36W87	XC16-060-05	10M36
XC14-018-02,03,04	36W89	SSB060H4S5G/5Y	10M36
XC14-024-02,03,04	42W15	XC17-024-01 thru -08	39W56
XC14-024-06	36W85	XC17-030-01 thru -09	39W57
XC14-030-01,02	27W61	XC17-036-01 thru -09	39W57
XC14-030-03,04,05	36W86	XC17-042-01 thru -08	39W57
XC14-030-06,07,08	50E02	XC17-048-01 thru -08	93M03
XC14-036-01,02	27W61	XC17-060-01 thru -02	93M03
XC14-036-03,04,05	36W86	XC17-060-03 thru -08	72W37
XC14-036-06,07	50E02	XC21-060-01 thru 04	93M03
XC14-042-01 thru 05	27W61	XC21-060-05 thru 10	72W37
XC14-048-01 thru 05	13W45	XC21-060-11	97W49
XC14-048-06,07	36W87	XC25-024-01	10A70
XC14-060-01 thru 05	27W62	XC25-036-01	10A70
XC15-024-02,03,04	25W14	XC25-048-01	10A70
XC15-024-05,06	39W56	XC25-060-01	10A71
XC15-030-02,03,04	25W14		
		XC20-024	12U75
		XC20-036	12U76
		XC20-048	12U77
		XC20-060	12U97

Manifold Style Replacement Coil

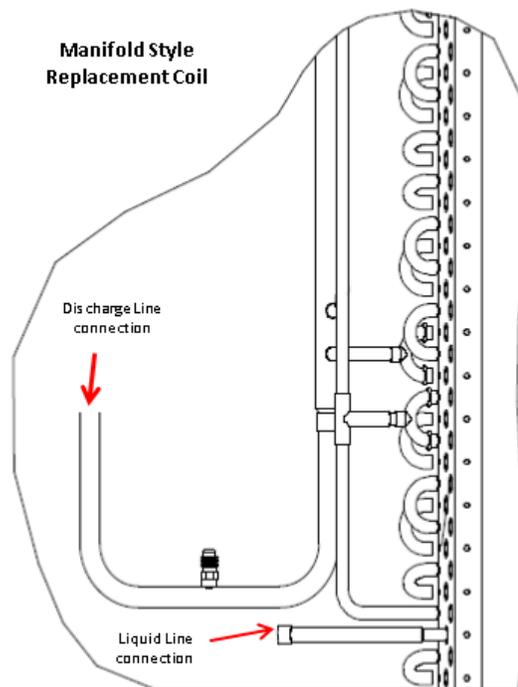


Figure 1. Outdoor Coils

Installation

CAUTION

Before attempting to perform any service or maintenance, turn the electrical power to unit OFF at disconnect switch.

IMPORTANT

The stub of the coil must be secured if any adjustments to the liquid line are needed. Do not allow it to move.

1. Disconnect all power to the unit.
2. Reclaim the refrigerant from the unit.
3. Remove access panel, side (louvered) panels, top panel, and corner posts. Remove the screws that attach the coil endplate to the control box and compressor enclosure. Keep the screws.
4. Unscrew the liquid service and suction valve brackets from the corner mullion. Sweat off the liquid line at the swaged joint next to the coil outlet of the existing coil.
5. Use a tubing cutter to cut the discharge line at the optimal location to facilitate the installation of the new coil.
6. Remove the existing coil.
7. Install the replacement coil assembly.
8. Remove the holding charge by depressing the valve core. Use a tubing cutter to cut off the discharge line to best facilitate the installation of the new coil.
9. Install new discharge line. Align the discharge line on the replacement coil with the discharge line from the compressor. Install the provided coupling between the two tubes. Sweat the coupling into place.
10. Sweat in the liquid line. Reattach the liquid and suction service valves.
11. Replace the screws that attach the coil endplate to the control box and compressor enclosure.
12. Replace the corner posts, side (louvered) panels, and top panel.
13. Refer to the unit installation instructions for leak testing, evacuation, and start-up procedures. Charge the unit as outlined in the installation instructions or according to the charging sticker.
14. Once you have installed the replacement coil, start the compressor and observe the discharge line. Verify that there is minimal vibration between the shock loop and the manifold on the outdoor coil's discharge line.
15. If there is visible motion, apply weight catalog kit number 38K46 to the discharge line. Install the weight kit on the horizontal run after the shock loop, or other suitable area to achieve acceptable results. Rotate the weight kit on the tubing to change vibration characteristics.
NOTE - *Visible motion could result in a future failure of the replacement coil.*
16. Replace access panel.