

3ALV (Low Voltage) and 3AR (Line Voltage) Recessed Air Seal Housing For NON-Insulated Ceiling Use, New Construction

Part No. 7-15474-101

INSTALLATION INSTRUCTIONS

WARNING: FIRE HAZARD/ELECTRICAL HAZARD

This equipment is intended to be installed by qualified personnel. The installation must be in accordance with the current edition of the National Electrical Code, and all applicable state and local building codes. The final installation must be approved by the appropriate, qualified electrical/building inspector(s). Improper installation may result in a fire or electrical hazard.

Comply with all building codes!

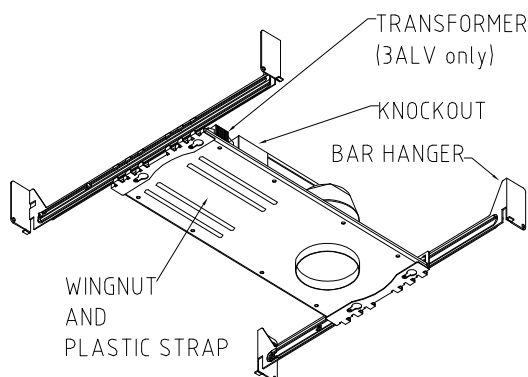
Prior to installation, verify the proper lamp (lightbulb) type and wattage.

Read all instructions before installing housing.

Retain for future reference.

Detailed Instructions for Installing recessed housing in a non-insulated ceiling

1. Adjust each bar hanger to the desired length and align the bottom edges with the bottom of the wood joists.
2. Drive the nail on each hanger into the joist until flush.
3. Provide electrical service according to your electrical code from a suitable junction box to the wiring box. Supply wire insulation must be rated for at least 90°C.
4. Remove junction box door on housing.
5. Remove knockouts as required and secure Romex or conduit to junction box.
6. Connect fixture leads and ground wire to electrical supply with proper size wire nuts (not included). Connect white to white, black to black, and green to bare copper wire (in wiring box). Ground wire at the service junction box may need to be secured to a ground screw.
7. Place all wiring and connections in junction box on housing and replace junction box door.
8. **BEFORE SHEETROCK IS INSTALLED**, remove and discard the wingnut and plastic strap from fixture. Wingnut and plastic strap are only required during shipment of fixture and installation prior to the ceiling finishing.
9. **THESE FIXTURES ARE NON IC RATED. DO NOT COVER WITH THERMAL INSULATION.** Thermal insulation shall not be installed above a recessed fixture or within 3" of the recessed fixture's enclosure, wiring compartment, or ballast unless it is identified for contact with insulation, Type IC. [NEC, 410-66(b)]
10. During installation insure housing collar is flush to ceiling plane.



NOTE: Insert installation instruction sheet into aperture in housing to prevent contamination of fixture during ceiling finishing. Remove instruction sheet prior to installation of finishing trim.

LAMP INSTRUCTIONS FOR 3ALV (Low Voltage)

1. The 3ALV fixture is designed for use with 12 volt Halogen lamp. If a lamp larger than what is listed on UL label watts is used, the built-in thermal protector will cause the lamp to blink on and off indicating a potential over-heating situation.
2. Care should be taken in the handling of the lamp; only grasp by the rim or back of the lamp, never place bare fingers inside or touch the encapsulation. The two contact pins of the lamp should be firmly set into the two holes of the porcelain backed lampholder (socket). **NEVER ATTEMPT TO PLUG THE LAMP DIRECTLY INTO THE PLASTIC MOLEX CONNECTOR.**

LAMP INSTRUCTIONS FOR 3AR (Line Voltage)

Care should be taken as with all light fixtures. The 3AR fixture is designed to use an incandescent PAR 16 lamp with a GU10 base. To install lamp, insert pins of lamp into socket and rotate the lamp clockwise. Turn the lamp under the spring.

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