

NSERIC-407AT/20

4" IC Air-Tight Line Voltage Remodel Housing

Source: 20W MR16 GU10 max.

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|-------------|
| Type |
| Project |
| Catalog No. |
| Notes |

PRODUCT DESCRIPTION

Remodel housing for use in existing sheet rock, insulated ceilings can be in direct contact with thermal insulation. Air-tight construction provides energy savings by reducing the flow of air through the ceiling. The housing is labeled for use with Nora 4" MR16 trims.

FEATURES

- IC Air-Tight energy saving by reducing the flow of air through the ceiling
- Rated for direct contact with insulation
- cULus listed for damp location and through branch circuit wiring
- Quick connect provided
- Installation-ready for existing sheet rock ceilings
- Accommodates 1-3/8" maximum ceiling thickness

CONSTRUCTION

Housing: 0.050 white baked enamel one-piece drawn aluminum housing adjusts to a ceiling thickness from 3/8" to 1-3/8". Housing terminates at 1/4" ceiling flange for even positioning of housing angle within the ceiling. Structural arm consisting of 0.050 structural steel connects housing with junction box. Fixture may be installed in areas where it will have direct contact with thermal insulation. Not to be in direct contact with spray insulation.

Air Flow Restriction: Housing has factory installed gaskets to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

Mounting: Four high tension springs secure the housing to an existing sheet rock ceiling. Accommodates ceiling thickness to 1-3/8".

Junction Box: Prewired 15 cubic inch 0.060" thick galvanized steel box with six 1/2" knockouts. Electrical grounding automatic when feeding with grounded steel EMT pipe or flex. All leads are #18AWG wire, the ground wire is connected to the bottom, and quick connectors are supplied on all leads. Maximum of 8 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box.

Romex Strain Relief: Junction box includes two Romex tabs with two slots at each tab for NM-cables of 12/2 to 14/2. The strain relief allows for easy installation and less materials.

Quick Connect Feature: Housing contains three UL approved quick connections that allow insertion of 1/4" stripped solid or tinned standard conductors to be inserted into the connector. Connectors are pre-attached to fixture power, common, and ground circuits.

Thermal Protector: Standard UL thermal protector rated for 90°C is affixed to inner top surface of housing.

ELECTRICAL

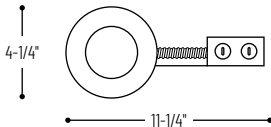
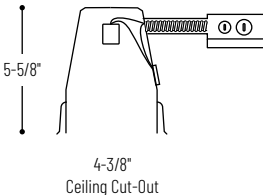
- Input Voltage:** 120V
- Socket:** GU10
- Lamp:** MR16 (not included)
- Wattage:** 20W max.

LABELS AND LISTINGS

- cULus Listed for Damp Location w/ Feed Through (Wet Location when used with designated trims)
- Meets or exceeds ASTM-283 Air-Tight Requirements
- Washington State Approved



PRODUCT IMAGES & DIMENSIONS



4" IC Air-Tight Line Voltage Remodel Housing

Housing Type

NSERIC-407AT/20: 4" IC Air-Tight Line Voltage Remodel Housing

Example: NSERIC-407AT/20 = 4" IC Air-Tight Line Voltage Remodel Housing