

NHRIC-27QAT

6" Shallow IC Air-Tight Line Voltage Remodel Housing

Source: 75W Max. (Varies by trim)

Type
Project
Catalog No.
Notes

PRODUCT DESCRIPTION

Shallow 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 6" line voltage trims and compatible with all LED retrofits.

FEATURES

- Low 5-1/2" profile for existing shallow ceiling plenums
- 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: 0.040 aluminum adjusts to a maximum ceiling thickness of 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.

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.

Clearance: "IC" Insulated ceiling housings are direct contact rated. Not to be used in direct contact with spray foam insulation.

Socket: Galvanized steel socket plate adjusts inside housing for optimum light performance. Contains a single medium base socket. Protective cap included to protect socket interior during ceiling painting. Socket plate can be removed in the field to convert to a floating socket.

Mounting: Four high tension springs secure the housing to an existing sheet rock ceiling. Accommodates ceiling thickness to 1-1/4".

Junction Box: Prewired 25 cubic inch 0.064" thick galvanized steel box with four 1/2", one 3/4" knockouts and snap on covers. All leads are #18AWG wire, the ground wire is connected to the bottom, and quick connectors are supplied on all leads. Maximum of 6 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: Medium base

Lamp: Lamp type based on trim selection

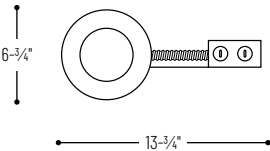
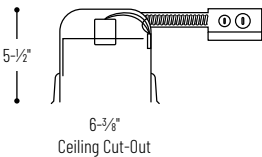
Wattage: 75W max. (wattage varies based on trim selection)

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
- NYC Approved: Calendar #43895



PRODUCT IMAGES & DIMENSIONS



6" Shallow IC Air-Tight Line Voltage Remodel Housing

Housing Type

NHRIC-27QAT: 6" Shallow IC Air-Tight Line Voltage Remodel Housing, Adjustable Socket Bracket

Example: NHRIC-27QAT = 6" Shallow IC Air-Tight Line Voltage Remodel Housing, Adjustable Socket Bracket