

# NHRIC-17QAT / NHRIC-17QNBAT

6" IC Air-Tight Line Voltage Remodel Housing

Source: 100W Max. (Varies by trim)

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

## 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:** 0.040 aluminum adjusts to a maximum ceiling thickness of 1-3/8" (35mm). 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.

## SOCKET

**NHRIC-17QAT:** 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.

**NHRIC-17QNBAT:** Socket is free floating and installs to eyeball, gimbal ring and new trims equipped with socket brackets. Protective cap included to protect socket interior during ceiling painting.

**Mounting:** Four high tension springs secure the housing to an existing sheet rock ceiling. Accommodates ceiling thickness to 1-3/8" (35mm).

**Junction Box:** Prewired 15 cubic inch 0.064" thick galvanized steel, with five 1/2", two 3/4" knockouts and four Romex® prouts. 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.

**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

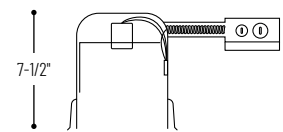
**Wattage:** 100W max. (wattage varies based on trim selection)

## LABELS AND LISTINGS

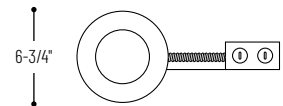
- cULus Listed for Damp Location w/ Feed Through (Wet Location when used with designated trims)
- Meets or exceeds ASTM-283 Air-Tight Requirements
- Washington State Approved
- NYC Approved: Calendar #43895



## PRODUCT IMAGES & DIMENSIONS



6-3/8"  
Ceiling Cut-Out



13-3/4"

## 6" IC Air-Tight Line Voltage Remodel Housing

Housing Type

**NHRIC-17QAT:** 6" IC Air-Tight Line Voltage Remodel Housing, Adjustable Socket Bracket

**NHRIC-17QNBAT:** 6" IC Air-Tight Line Voltage Remodel Housing, Floating Socket (No Bracket)

Example: **NHRIC-17QAT** = 6" IC Air-Tight Line Voltage Remodel Housing, Adjustable Socket Bracket