

Type
Project
Catalog No.
Lamp/Wattage

NHIC-501QAT
5" IC Air-Tight Line Voltage Housing

Source: 75W Max. (Varies with trim)

PRODUCT DESCRIPTION

New construction housing for use in 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.

FEATURES

- Rated for direct contact with insulation
- Socket clips to trim for instant vertical lamp alignment
- Reduces air loss for energy efficiency
- Bar hangers with 90° repositioning ability
- cULus listed for damp location and through branch circuit wiring
- Quick connect provided
- 24-1/2" Bar hangers with captive nails and alignment foot
- Accommodates 1-3/4" maximum ceiling thickness

CONSTRUCTION

Plaster Frame

High quality 0.032 steel die cut one piece frame. Bar hanger brackets on all four sides provide two possible positions for installations.

Housing

0.040 steel housing with riveted cap adjusts to maximum ceiling thickness of 1-3/4". Constructed as spot welded cylindrical wrap capped with a riveted dome.

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

Socket is free floating and installs to eyeball, gimbal ring and trims equipped with socket brackets. Protective cap included to protect socket interior during ceiling painting.

Bar Hangers

Two 13-3/4" to 24-1/2" adjustable bar hangers with captive nails are included on frame. Bar hangers are parallel to junction box, but can be repositioned 90° perpendicular to junction box if desired. "L" Shaped bar hanger foot to align to bottom of construction joist. A T-Bar notch allow for easy installation in a suspended ceiling.

Junction Box

Prewired 25 cubic inch 0.064" thick galvanized steel, with five 1/2", two 3/4" knockouts, four Romex® pryouts, 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. Through branch circuit wiring, (4-in, 4-out).

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.

Lamp

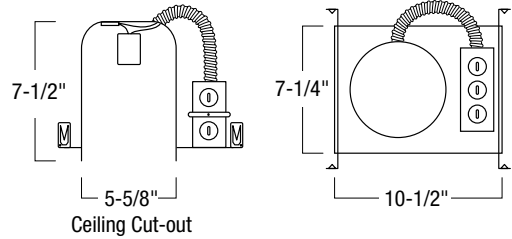
75W max. - lamp and wattage varies with trim (ordered separately)

Labels and Listings

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



DIMENSIONS



Cut-out: 5-5/8"
 ID: 5"

Housing Length: 10-1/2"
 Housing Width: 7-1/4"
 Housing Height: 7-1/2"

Housing

NHIC-501QAT: 5" IC Air-Tight Line Voltage New Construction Housing, Floating Socket (No Bracket)