

# 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.

**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.

#### 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



### Housing

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

**NORALIGHTING.**

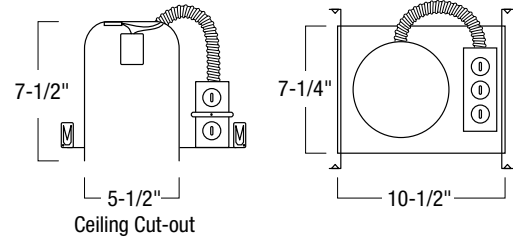
Type

Project

Catalog No.

Lamp/Wattage

### DIMENSIONS



Cut-out: 5-1/2"  
ID: 5"

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

**NORALIGHTING.**

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