# 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 preattached to fixture power, common, and ground circuits.

## Thormal 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)

# **BNORALIGHTING.**

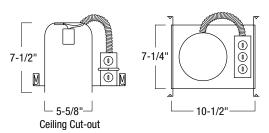
Type

Proiect

Catalog No.

Lamp/Wattage

# **DIMENSIONS**



Cut-out: 5-5/8" ID: 5" Housing Length: 10-1/2" Housing Width: 7-1/4" Housing Height: 7-1/2"