

NSRIC-404QAT

4" IC Air-Tight Line Voltage Remodel Housing

Source: 50W R/PAR20 max.

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 4" 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: 0.050 white baked enamel one-piece drawn aluminum housing adjusts to a ceiling thickness from 3/8" to 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. 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: 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 1-3/8".

Junction Box: Prewired 15 cubic inch 0.060" thick galvanized steel, with six 1/2" knockouts and four Romex® pryouts. 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. Maximum of 8 no. 12 AWG through branch circuit conductors suitable for at least 90°C permitted in junction box.

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: R/PAR20

Wattage: 50W max. (available in wattage reduced 12W or 20W max.)

COMPATIBLE TRIMS

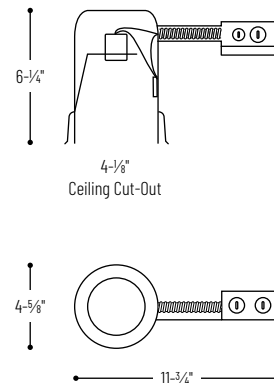
| CATALOG NO. | DESCRIPTION |
|---|--|
| NS-12 | 4" Round Adjustable Gimbal |
| NS-18 | 4" Round Adjustable Eyeball |
| NS-22  | 4" Round Albalite Lensed Trim |
| NS-23  | 4" Round Fresnel Lensed Trim |
| NS-24  | 4" Round Drop Opal Lensed Trim |
| NS-25  | 4" Round Frosted Dome Lensed Trim |
| NS-26  | 4" Round Frosted Flat Lensed Trim |
| NS-27  | 4" Round Frosted Flat Lens w/ Clear Center |
| NS-40 | 4" Baffle |
| NS-40P | 4" Phenolic Baffle |
| NS-41 | 4" Black Baffle |
| NS-41P | 4" Black Phenolic Baffle |
| NS-42 | 4" Gold Reflector |
| NS-44 | 4" Clear Reflector |
| NS-44HZ | 4" Haze Reflector |
| NS-45 | 4" Round Trim with 1" Round Pinhole |
| NS-46 | 4" White Reflector |
| NS-47 | 4" Round Adjustable Slot Aperture |
| NS-48 | 4" Wall Wash with Baffle |
| NS-4855 | 4" Square Trim with 2" Square Pinhole |
| NS-4857 | 4" Square Reflector with Square Aperture |
| NS-4910 | 4" Square Baffle |
| NS-4912 | 4" Square Adjustable Gimbal |
| NS-4914 | 4" Square Reflector with Round Aperture |
| NS-4926  | 4" Square Frosted Flat Lensed Trim |
| NS-50 | 4" Wall Wash with Reflector |
| NS-52 | 4" Natural Metal Reflector |
| NS-53BZ | 4" Bronze Reflector |
| NS-76  | 4" Round Lensless Baffle Shower Trim |

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



PRODUCT IMAGES & DIMENSIONS



4" IC Air-Tight Line Voltage Remodel Housing

Housing Type

NSRIC-404QAT: 4" IC Air-Tight Line Voltage Remodel Housing, labeled at 50W max.

NSRIC-404QAT/12: 4" IC Air-Tight Line Voltage Remodel Housing, labeled at 12W max.

NSRIC-404QAT/20: 4" IC Air-Tight Line Voltage Remodel Housing, labeled at 20W max.

Example: **NSRIC-404QAT** = 4" IC Air-Tight Line Voltage Remodel Housing