NSR-4040AT

4" Non-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, where insulation can be kept 3" from fixtures. 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

- Air-Tight energy saving by reducing the flow of air through the ceiling
- Internal thermal protection
- cULus listed for damp location and through branch circuit wiring
- Quick connect provided
- Installation-ready for existing sheet rock ceilings
- Accommodates 1-⅜" maximum ceiling thickness

CONSTRUCTION

Housing: 0.050 white baked enamel one-piece drawn aluminum housing adjusts to a ceiling thickness from ⅜" to 1-⅜". Housing terminates at ¼" ceiling flange for even positioning of housing angle within the ceiling. Structural arm consisting of 0.050 structural steel connects housing with junction box.

Minimum Clearance: Non-IC housings require a minimum clearance of 3" from thermal insulation and ½" from adjacent building components.

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 1-⅜".

Junction Box: Prewired 15 cubic inch 0.060" thick galvanized steel box with six ½" knockouts. 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.

Romex Strain Relief: Junction box includes two Romex tabs with two slots at each tab for NM-cables of 12/2 to 14/2. The strain relief allows for easy installation and less materials.

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.
(Consult factory for lower wattage label)

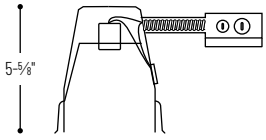
COMPATIBLE TRIMS

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-43	4" Black 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-53	4" Copper Reflector
NS-53BZ	4" Bronze Reflector
NS-76	4" Round Lensless Baffle Shower Trim

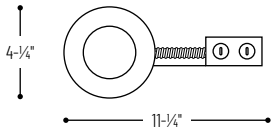
LABELS AND LISTINGS

- 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



4-⅜"
Ceiling Cut-Out



4" Non-IC Air-Tight Line Voltage Remodel Housing

Housing Type

- **NSR-4040AT:** 4" Non-IC Air-Tight Line Voltage Remodel Housing, labeled at 50W max.
- **NSR-4040AT/XX:** 4" Non-IC Air-Tight Line Voltage Remodel Housing, labeled at lower wattage (**Consult Factory**)

Example: **NSR-4040AT** = 4" Non-IC Air-Tight Line Voltage Remodel Housing

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