

NHRIC-17QNBAT



6" IC Rated Remodel Recessed Fixture

LAMP WATTAGE

- (1) 75R/PAR30
- (1) 40A19
- (1) 50PAR16
- (1) 50PAR20

DESCRIPTION

Six inch incandescent housing for existing sheet rock, insulated ceilings.

FEATURES

- Installation-ready for existing insulated ceilings
- Does not require above-ceiling access
- UL listed for through branch circuit wiring
- UL Damp Location listed
- Quick connect provided
- Airtight Housing Available
- Accommodates 1-1/2" maximum ceiling thickness
- NYC Approved: Calendar #43895

HOUSING

1. **Housing** - .040 steel housing adjusts to maximum ceiling thickness of 1-1/2" (39mm). Housing terminates at a 1/4" ceiling flange for even positioning of housing angle within the ceiling. Structural arm consisting of .050 structural steel connects housing with junction box. Fixture may be installed in areas where it will have direct contact with thermal insulation.

2. **Mounting** - Four high tension springs secure the housing to an existing sheet rock ceiling. Accommodates ceiling thickness to 1-1/2" (39mm).

3. ***Air Flow Restriction** - NHRIC-17QNBAT housing is treated at factory to restrict airflow from room into ceiling plenum to <2 CFM (cubic feet per minute) in compliance with Washington State Energy Code specifications.

ELECTRICAL SYSTEM

1. **Socket** - Socket is free floating and installs to eyeball, gimbal ring and new trims equipped with socket brackets.

2. **Junction Box** - Plaster frame integrated 15 cu. in. junction box .064 galvanized steel with five 1/2", two 3/4" knockouts, and four Romex pryouts. Electrical connections are made through junction box wrap. Electrical grounding automatic when feeding with grounded steel EMT pipe or flex. Green wire provided for installations with ground wire fed through PVC pipe conduit.

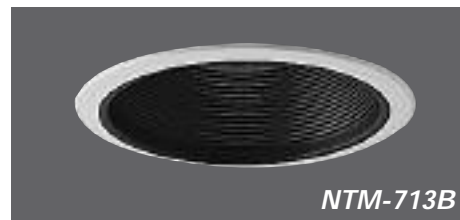
3. **Quick Connect Feature** - NHRIC-17QNBAT contains three UL approved quick connections that allow insertion of 1/4" stripped solid or tinned standard conductors to be inserted into the connector. Connectors are pre-attached to fixture power, common, and ground circuits.

3. **Thermal Protector** - Standard UL thermal protector rated for 90°C is affixed to interior of top surface of fixture housing.

4. **UL Listed** - Approved for through-branch wiring with up to 8 #12 AWG conductors.



NTS-714C

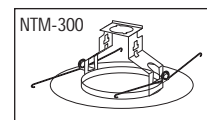
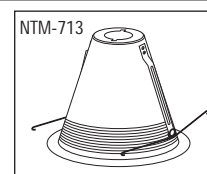
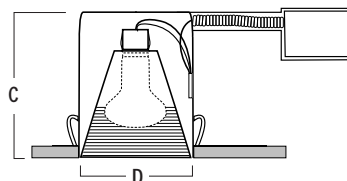
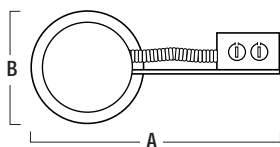


NTM-713B

PRODUCT MATRIX

Ordering Example: **NHRIC-17QNBAT / NTM-300**
6" IC Airtight Housing, No Bracket, Open Trim w/Bracket, White

DIMENSIONS



A: Length	14-1/2"	(37 cm)
B: Width	6-3/4"	(172 mm)

C: Depth	7-3/8"	(188 mm)
D: Ceiling Cutout	6-3/8"	(162 mm)

TRIM INDEX

Lamp Size and Type	Trim No.
50W Par 16 Max	NL-665, NL-670
50W R/Par 20 Max	NTM-628
75W R/Par 30 Max	NT-28, NT-29, NTM-38, NTM-39, NTM-48, NTM-49, NTM-52, NTM-54, NTM-56, NTM-300, NTM-713, NTS-49
40W A19 Max	NTM-713
90W BR40 Max	NTM-713

Please refer to trim pages for further details.

TRIMS

1. **Cone Baffle** - Precision spun .040 aluminum with deep grooves to reduce aperture glare. Non-reflective matte black or white painted finishes. Socket clips to top of trim and self-lipped flange keeps lamp perpendicular to ceiling automatically.
2. **Eyeball** - Surface, recessed, painted or finished construction. Provides easy and far reaching adjustment.
3. **Gimbal Ring** - Surface, recessed, painted or finished construction. Provides adequate adjustment for most applications while maintaining a low profile aesthetic appearance.
4. **Open Trim** - Provides simple, aesthetic ceiling finish

for PAR lamp sources. Socket bracket and flange keep lamp perpendicular to ceiling with no adjustment necessary.

5. **Installation** - Nora reflector trims are installed onto the plaster frame via high tension, high memory steel torsion springs. The reflector is partially inserted into the ceiling aperture until the ends of the torsion springs are "captured" by the spring brackets inside the fixture housing. The reflector is then pushed the rest of the way into the aperture, and is pulled flush to the ceiling by the trim springs. Some trims include standard coil springs with needle-nose plier loops.

6. **UL Listed** - Damp location listed.