NHIC-17QAT

6" IC Recessed Fixture

LAMP WATTAGE

(1) 75R/PAR30
(1) 60A19
(1) 50R/PAR20
(1) 50R/PAR16

DESCRIPTION

Six inch incandescent housing for insulated ceilings.

FEATURES

- Rated for direct contact with insulation
- WSEC version available
- UL listed for through branch circuit wiring
- UL Damp Location listed
- Quick connect provided
- High quality specular finishes
- Accommodates 1-3/4" maximum ceiling thickness
- NYC Approved: Calendar #43895

FRAME

1. **Plaster Frame -** High quality .040 steel die cut one piece frame.

2. **Housing -** .040 steel housing adjusts to maximum ceiling thickness of 1-3/4" (45mm). Spring brackets accept torsion wing trim springs; slots on socket plate surface accept standard coil springs.

3. **Mounting -** Two bar hangers are included adjustable to 24". Bar hangers are parallel to junction box, but can be repositioned 90 degrees perpendicular to junction box if desired. Insulation may be blown directly onto the surface of the fixture.

4. **Air Flow Restriction -** NHIC-17/AT housing is treated at factory to restrict airflow from room into ceiling plenum to <2 CFM (cubic feet per minute) in accordance with Washington State Energy Code requirements.

ELECTRICAL SYSTEM

1. **Socket Plate -** 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.

2. **Junction Box -** Plaster frame integrated 25 cu. in. junction box .064 galvanized steel with five 1/2", two 3/4" knockouts, and four Romex pryouts. Electrical connections are made through 1/2" port on j-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 -** NHIC-17QAT 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.

4. **Thermal Protector -** Standard UL thermal protector rated for 90˚C is affixed to inner top surface of housing.

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

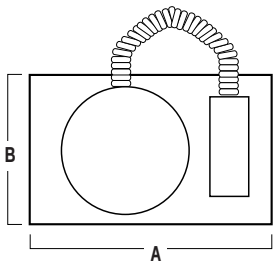
TRIMS

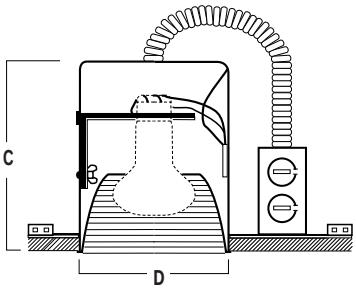
1. **Reflector -** Precision spun .050 aluminum high grade specular finish. Separate, white plastic trim ring is standard.

PRODUCT MATRIX

Ordering Example: **NHIC-17QAT / NT-22**
Standard: **NHIC-17QAT**
WSEC approved housing for restricted airflow: **NHIC-17QAT**

DIMENSIONS





A: Length	10-3/4"	(28 cm)
B: Width	7-1/2"	(191 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	NT-641, NT-642, NT-643, NT-644, NT-646, NT-648, NT-650, NTM-628
75W R/Par 30 Max	NT-28, NT-29, NT-30, NT-30D, NT-31, NT-32, NT-33, NT-40, NT-45, NT-46, NTM-29, NTM-30, NTM-31, NTM-38, NTM-39, NTM-48, NTM-49, NTM-52, NTM-54, NTM-56, NTP-30, NTP-31, NTS-30, NTS-31, NTS-32, NTS-33, NTS-49
40W A19 Max	NP-22, NP-23, NP-24, NT-22, NT-23, NT-24
60W A19 Max	NT-25, NT-50, NT-51, NTA-86, NTA-87, NTA-88, NTA-89, NTA-96, NTA-97, NTA-98, NTA-99, NTA-101, NTA-102, NTA-103, NTM-42, NTM-46

Please refer to trim pages for further details.

2. **Baffle -** Precision spun .040 aluminum with deep grooves to reduce aperture glare. Non-reflective matte black or white painted finishes.

3. **Lenses -** High grade albalite, drop opal glass, or polycarbonate drop opal lenses. Lenses are easily removed by hand without tools from below the ceiling for relamping.

4. **Wall Washers -** Scoop wall washers are available for consistent, smooth side wall illumination.

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.

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