

# RADIANT CEILING PANEL HEATERS

## THE PERFECT INDOOR OR OUTDOOR HEATING SOLUTION



### - THEY WARM SOLID OBJECTS JUST LIKE THE SUN!

NOBO Radiant Ceiling Mounted Panel Heaters give you heating comfort in the same way as the sun. Rays of radiant heat emitted strike and warm surfaces within the room. Floors, walls, furniture and even people are heated. Air is then warmed as it passes over these surfaces. There is no fan, noise or maintenance.

#### AREAS OF USE

NOBO Ceiling Panel Heaters are designed to produce rapid, comfortable heating in premises with a ceiling height of between 2.7 and 30 metres. They work well in difficult to heat areas especially large open plan areas that are only used for short periods of time.

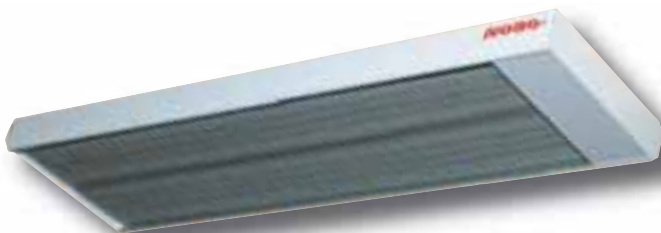
#### TYPICAL AREAS FOR USE INCLUDE:

- ✓ Airport terminals
- ✓ Alfresco dining areas
- ✓ Balconies
- ✓ Factories
- ✓ Indoor Swimming Pools
- ✓ Large areas with glass roofs
- ✓ Patios
- ✓ Restaurants
- ✓ Shopping Centres
- ✓ Sidewalk Cafés
- ✓ Stadiums
- ✓ Aged Care Accomodation
- ✓ Animal enclosures
- ✓ Churches
- ✓ Hotel lobbies
- ✓ Industrial and sports halls
- ✓ Offices
- ✓ Pubs & Clubs
- ✓ Schools
- ✓ Showrooms
- ✓ Smoking Areas
- ✓ Workshops



#### FEATURES AND BENEFITS

- Totally silent operation
- Safe - out of reach of children and the aged
- Maintenance free - no fan or moving parts
- Rapid warm up
- Economical zoned heating - use only when required
- Suitable for both indoor and undercover outdoor installations
- No unsightly glowing red surface when heater is operating
- Comprehensive range of Nobo controls available
- Full 3 year manufacturer's warranty



TTP/TTS Radiant Ceiling Mounted Panel Heater



TVH Radiant Ceiling Mounted Panel Heater

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## SELECTING YOUR NOBO RADIANT CEILING MOUNTED PANEL HEATER

Model No	Wattage	Amps	Length (mm)	Width (mm)	Depth (mm)	Min floor to panel face distance (mm)	Min ceiling height for surface mounting (mm)	Weight (kg)
TTP 900	900	3.8	1050	170	70	2500	2700	5
TTS 1200	1200	5	800	280	70	2500	2700	8
TTS 1700	1700	7.1	1050	280	70	2500	2700	9
TTS 2100	2100	8.8	1350	280	70	2500	2700	11
TVH 3000	3000	12.5	1280	220	70	3500	3700	13
TVH 4500	4500	18.8	980	440	70	3500	3700	18

NOBO Radiant Ceiling Panel Heaters are unique in operation as they provide heat to areas which are impossible or impractical to heat by other methods. They are designed for overhead installation and produce continuous long wave radiant heat, just like the sun.

NOBO Radiant Ceiling Panel Heaters produce 'spot' heat directly below them in a broadening pyramid / triangular shape, hence the higher they are installed, the heat 'footprint' will vary both in area and intensity. They are not necessarily designed to heat an entire space even though some heat drift will typically occur.

NOBO Ceiling Panel Heaters are quick acting and rapidly reach their working temperature of 300 degrees celsius for the TTP/TTS and 400 degrees celsius for the TVH, resulting in a high level of performance efficiency and economical running costs.

NOBO Ceiling Panel Heaters require independent controls. Air thermostats/timers or heating regulators to efficiently control the heat output are recommended.

Accurate project sizing, model, thermostat and timer recommendations are available from your NOBO dealer.

Brackets for surface mounting direct to ceilings are included with each heater. Optional 45 degree angle brackets are also available. Alternatively, they may be suspended by chain or suspension wire.

The minimum floor to panel face distance must be adhered to. There must also be a minimum 150mm clearance from any wall or beam and 500mm minimum from any object underneath. With an IP rating of 44 these heaters are ideal for installation in wet areas ie bathrooms, shower rooms or swimming pool change rooms.

Web site: [www.benair.com.au](http://www.benair.com.au)