

ESP Radiant Cassettes



The ESP range providing an economic means of heating large areas

- An extremely economic means of heating large commercial spaces
- Attractive unobtrusive design well suited to modern facilities
- High mounting positions allows flexible use of floor and wall space

Typical Applications

- Community halls
- Sports halls
- Showrooms
- Food Halls
- Squash courts

Features

- Radiant heat without light output
- Robust steel case with white epoxy finish
- Specially treated aluminium heat emitter
- Ceiling mounting brackets supplied as standard (these brackets also provide suspension points)
- Optional angle adjustable wall brackets available



Radiant cassettes are ideally suited to squash courts

Heater Range

| Model | kW |
|---------------------------------------|-----|
| ESP2-09 | 0.9 |
| ESP2-12 | 1.2 |
| ESP2-18 | 1.8 |
| ESP2-24 | 2.4 |
| ESP2-30 | 3.0 |
| ESP2-36 | 3.6 |
| ESP2-B (optional wall bracket - pair) | |



Radiant Cassettes proving an economic means of heating a community hall

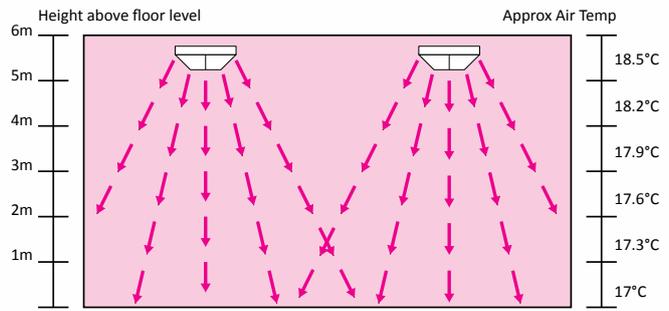
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ESP Radiant Cassettes Continued

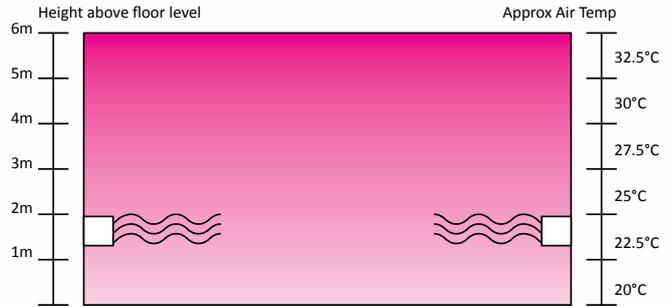
Energy Saving

ESP Radiant Cassettes are our most economic heaters for buildings with high roofs for the following reasons:

- The gentle radiant effect means that the 'experienced temperature' can be up to 4°C warmer than the actual air temperature. This means that the thermostat can be set up to 4°C lower.
- The temperature gradient is negligible. Typically air temperature will increase by 0.3°C per metre above floor level. This figure compares to a typical 2.5°C per metre when using fan heaters.



Heating a building using ESP Radiant Cassettes



Heating a large building using fan heaters



Energy saving heating in a Brighton theatre



BN Thermic radiant cassettes keep customers warm in this Essex taproom



Radiant cassettes installed in a timber showroom in Bedford



Cassettes look at home in sophisticated environments

Technical Specification

| Model | kW | Volts | Dimensions(mm) | | | Recommended Mounting Height (m) | | Weight (kg) |
|---------|-----|---------|----------------|------|-----|---------------------------------|-----|-------------|
| | | | H | W | D | Min | Max | |
| ESP2-09 | 0.9 | 230 | 60 | 1550 | 150 | 3.0 | 8.0 | 5.8 |
| ESP2-12 | 1.2 | 230 | 60 | 1550 | 150 | 3.0 | 8.0 | 5.8 |
| ESP2-18 | 1.8 | 230 | 60 | 1550 | 250 | 3.5 | 8.0 | 9.9 |
| ESP2-24 | 2.4 | 230 | 60 | 1550 | 250 | 3.5 | 8.0 | 9.9 |
| ESP2-30 | 3.0 | 230/400 | 60 | 1550 | 350 | 3.5 | 8.0 | 13.9 |
| ESP2-36 | 3.6 | 230/400 | 60 | 1550 | 350 | 3.5 | 8.0 | 13.9 |

Control Options

| Type | Description | Model | Details |
|---------------|--|---------------|---------|
| Thermostat | Electronic programmable thermostat with optional open window detection function 16A | RT16 | Page 73 |
| Remote Sensor | Optional remote-mounted 'black bulb' temperature sensor for use with RT16 thermostat | BBS | Page 73 |
| Contactors | 32A 3-pole | CON-32 | Page 78 |
| Contactors | 50A 3-pole | CON-50 | Page 78 |
| Contactors | 80A 3-pole | CON-80 | Page 78 |
| Contactors | Enclosure for CON-32 and CON-50 | ENCL-D | Page 78 |