



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

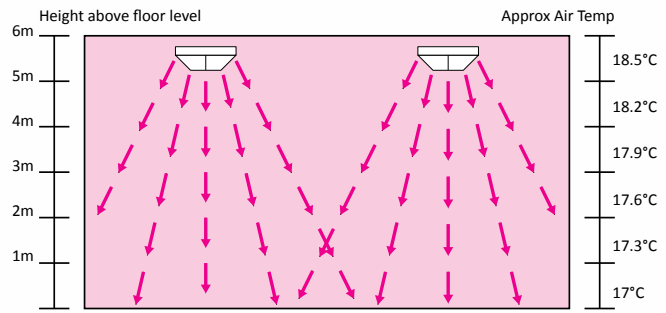
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ESP Radiant Cassettes Continued

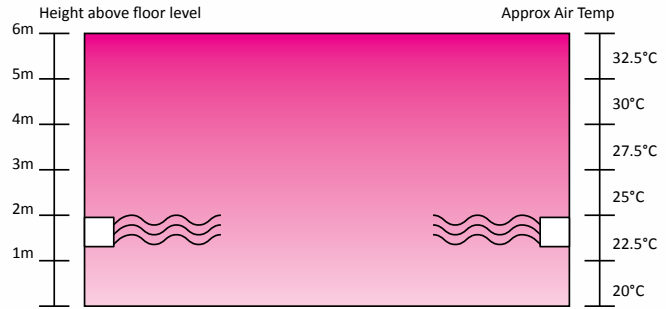
Energy Saving

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