

ESP LONGWAVE RADIANT CASSETTES

What is a Longwave Radiant Cassette?

A discreet, energy-efficient heater designed to space-heat large commercial areas with high ceilings, such as sports halls, village halls, and showrooms. Cassettes deliver radiant comfort heat without noise, draughts, or light output.



1.2kW



1.8/2.4kW



3.0/3.6kW

Key Features

- Radiant heat without light output
- Robust steel case with white epoxy finish
- Ceiling mounting brackets supplied as standard
- Can be suspended
- Optional angle adjustable wall brackets



Energy Saving Tip

Cassette's radiant effect makes you feel warmer than the actual ambient air temp. This means you can set your thermostat 3-4°C lower.



Radiant Cassettes

Model	kW
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)	

Technical

Model	kW	Volts	Dimensions (mm)			Recommended Mounting Height (m)		Weight (kg)
			H	W	D	Min	Max	
ESP2-12	1.2	230	60	1550	150	3.0	4.0	5.8
ESP2-18	1.8	230	60	1550	250	3.5	6.0	9.9
ESP2-24	2.4	230	60	1550	250	3.5	6.0	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

Accessories

Model	Description	Details
 RT16	Programmable thermostat 16A	Page 122
 RT26	Programmable thermostat 26A	Page 123
 WT16	Wi-Fi thermostat 16A (download free app)	Page 123
 WT26	Wi-Fi thermostat 26A (download free app)	Page 124
 BBS	Optional remote-mounted 'black bulb' temperature sensor for use with RT or WT thermostats	-
 CON-32	Contactor 32A 3-pole	Page 141
 CON-50	Contactor 50A 3-pole	Page 141
 CON-80	Contactor 80A 3-pole	Page 141
 ENCL-D	Enclosure for CON-32 and CON-50	Page 141

For larger installations we recommend our PC control box – see pages 82-85



Village Hall

Location: Farnham, Essex

Installed: 4 x 2.4kW Radiant Cassettes



Bedford Timber Supplies

Location: Bedford

Installed: 6 x 3kW Radiant Cassettes