

POWRMATIC

Smart. Adaptable. Net Zero Aligned.

Fully electric and zero on-site emissions, the LEC delivers high-performance heating with total flexibility. Engineered for modern spaces and net zero goals, it's the smart solution for sustainable, future-ready climate control.

Decarbonising Heating Solution

LEC

Electric Unit Heater



www.powrmatic.co.uk

ELECTRIC POWER - ZERO EMISSIONS

Net Zero Electric Heating.

The Powrmatic LEC Electric Unit Heater delivers high-performance electric heating with a focus on net zero emissions. Designed for commercial and industrial environments, the LEC range combines British engineering with advanced modulating technology to ensure maximum efficiency, comfort, and control.

Electrify Your Heating Strategy

As the UK and Europe move toward cleaner, fully electric buildings, the LEC heater is the perfect solution for those planning for the future. Whether upgrading an older system or specifying new equipment, the LEC helps your facility align with modern environmental goals without compromising on performance or comfort.

Available in five models from **5kW to 40kW**—offering a scalable solution for spaces of all sizes. Whether you're heating a small workshop or a large industrial warehouse, there's an LEC unit tailored to your requirements. With both single-phase (5kW) and three-phase (10–40kW) options, the range ensures compatibility with a wide variety of electrical infrastructures, providing maximum flexibility for installers and specifiers alike.

From design to installation, every detail of the LEC has been considered to save you time and effort. Adjustable wall and downflow brackets simplify mounting, while compact dimensions ensure a discreet footprint. Whether it's a new build or retrofit, integration is seamless.

Applications

- Factories
- Workshops
- Warehouses
- Manufacturing
- Sports Halls
- Retail Units
- Community Centres
- Churches
- Logistic Centres
- Garages
- Utility Buildings

Models Available

- LEC 5
- LEC 10
- LEC 20
- LEC 30
- LEC 40

Every LEC heater includes integrated overheat protection and is backed by Powrmatic's commitment to product quality and customer support. You can install with confidence, knowing you're supported by decades of experience in the HVAC industry.



2-year parts protection plus 1-year labour warranty

Wide Range of Outputs

Available in models from 5kW to 40kW, offering scalable solutions for commercial and industrial spaces of all sizes.

Control Flexibility

Take full command with the LEC — control a single unit, small groups, or maximise performance with up to 12 units across 4 dynamic zones.

Easy Installation

Compact wall or ceiling-mounted installation keeps valuable floor space clear while delivering effective warm air heating.



Fully Electric

Delivers 100% electric heating with zero on-site emissions, supporting carbon-neutral and Net Zero building goals.

Summer Ventilation Mode

Provides fan-only operation for air circulation during warmer periods, improving air quality and occupant comfort all year round.

Advanced Modulating Control

Automatically adjusts heat output in real-time to match building demand, maximising energy efficiency and occupant comfort.



Technical Specification

Model		LEC5	LEC10	LEC20	LEC30	LEC40	
Heat Capacity	kW	5.6	10.5	22.7	30.0	42.9	
Airflow Rate	m³/h	1400		2020	3500	4250	
Throw	m	10	10	14	25	30	
Min Suspension Height	m	1.8					
Electrical Supply	V/ph/Hz	230V/1Pha/50Hz	400V/3Pha/50Hz				
Max. Current/Pha (High fire)	A/pha	24.2	14.6	32.6	45.0	64.6	
Motor Data	Power	W	84		108	110	186
	Voltage	V	230V/1Pha/50Hz				
	Current	A	0.39		0.52	0.50	0.86
Noise	dB(A)	49	49	48	48	52	
Weight	kg	27	31	46	51	62	

Notes:

- Throw figures provide the distance to the point where the terminal velocity degrades to 0.25m/s
- Noise level measured at 5m from appliance in a free field

Dimensions



Model			LEC5	LEC10	LEC20	LEC30	LEC40
A	Width	mm	657	857	857	857	857
B	Height	mm	440	440	670	670	670
C	Total Depth	mm	430	430	430	580	580
D	Enclosure Depth	mm	340	340	340	490	490
E (crs)	Bracket Support crs	mm	360	560	560	560	560
F (crs)	Bracket Support crs	mm	200	200	200	250	250



Controls

- MC200: Single or grouped control - multiple on 1x controller tbc maximum 0-10v length
Thermostatically controlled.
- MC500: For up to 12 units across 4 zones
- Modbus / BMS: 0-10V input signal - Thermostatically controlled



Powering the Net Zero Transition

Achieving Net Zero demands decisive change. With heating a major contributor to building emissions, replacing fossil fuels is no longer optional — it's critical.

The Powrmatic LEC provides a powerful electric heating solution, delivering zero on-site emissions and seamless integration with renewable energy sources. As power grids continue to decarbonise, the LEC ensures truly sustainable heating — now and into the future.

Decarbonisation



POWRMATIC

Working together to decarbonise your building through efficient HVAC technologies.

Powrmatic is a trusted leader in the manufacture and supply of advanced HVAC solutions. Our diverse portfolio includes multi-energy heating and cooling systems, innovative air movement technologies, advanced natural and smoke ventilation, and air conditioning solutions. We work closely with building design specialists, architects, consultants, and HVAC professionals to deliver sustainable, high-performance systems that ensure optimal comfort, safety, and energy efficiency for industrial, commercial, and institutional environments.

Heating

Tailored heating systems for industrial and commercial sectors, crafted to meet the specific and requirements for any application. Our heating solutions combine energy efficiency, sustainability, and dependable performance to deliver optimal results and ensure long-lasting value.

Ventilation

Advanced smoke and natural ventilation systems, designed for life safety and building protection in commercial, industrial, and institutional environments. Our solutions ensure compliance with safety standards, delivering efficient and reliable performance.

Air Conditioning

Innovative packaged heat pump air conditioning systems, ideal for hotels, care homes, and office spaces. Our systems provide reliable, energy-efficient climate control, enhancing comfort while reducing energy consumption and supporting sustainable building practices.

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