## 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.





# 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.

## Applications

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

# Net Zero Electric Heating.

The Powrmatic LEC Electric Unit Heater delivers highperformance 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.

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.

### 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**

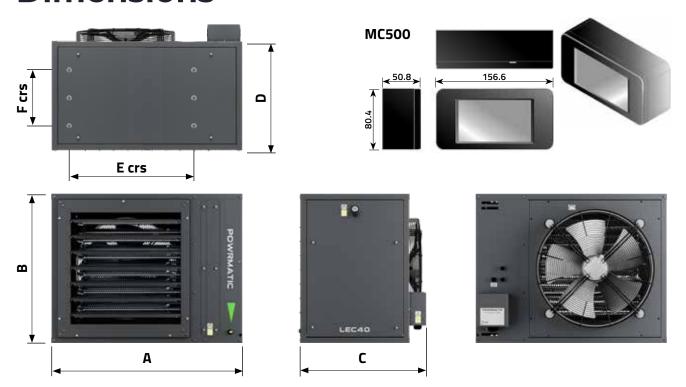
Automatically adjusts heat output in real-time to match building demand, maximising energy efficiency and occupant comfort.

## **Technical Specification**

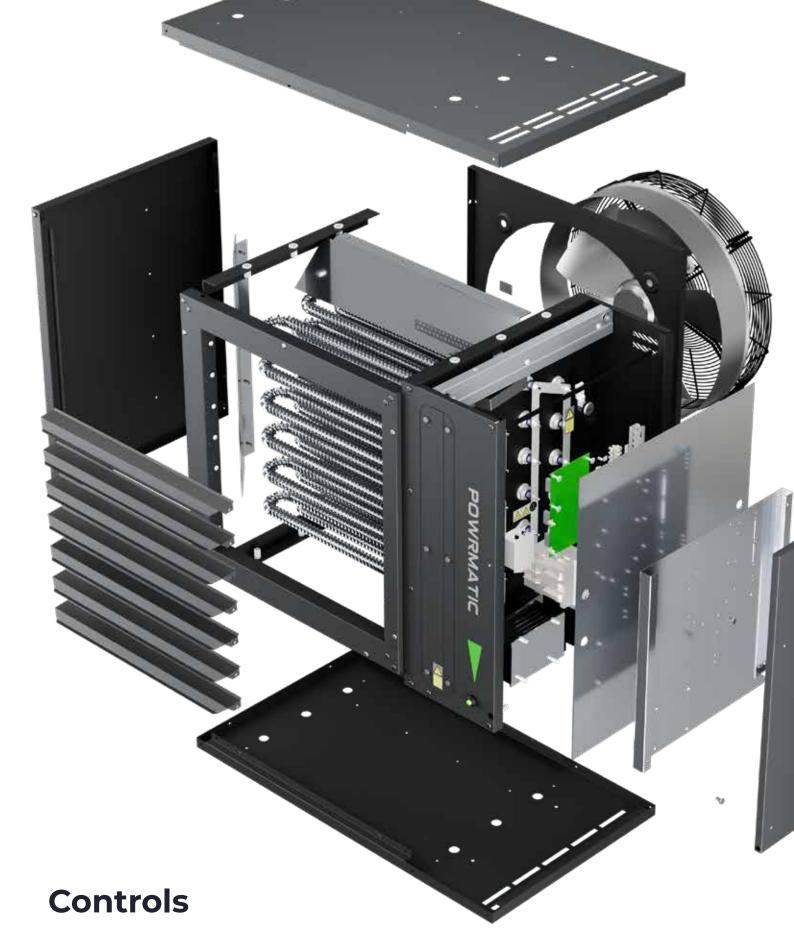
Model			LEC5	LEC10	LEC20	LEC30	LEC40		
Heat Capacity		kW	5.6	10.5	22.7	30.0	42.9		
Airflow Rate		m³/h	1400		2020	3500	4250		
Throw		m	10	10	14	25	30		
Min Suspension Height		m	1.8						
Electrical Supply		V/ph/Hz	230V/1Pha/50Hz	400V/3Pha/50Hz					
Max. Current/Pha (High fire)		A/pha	24.2	14.6	32.6	45.0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

- Throw figures 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
А	Width	mm	657	857	857	857	857
В	Height	mm	440	440	670	670	670
С	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



- 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





### 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 longlasting 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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