

POWRMATIC

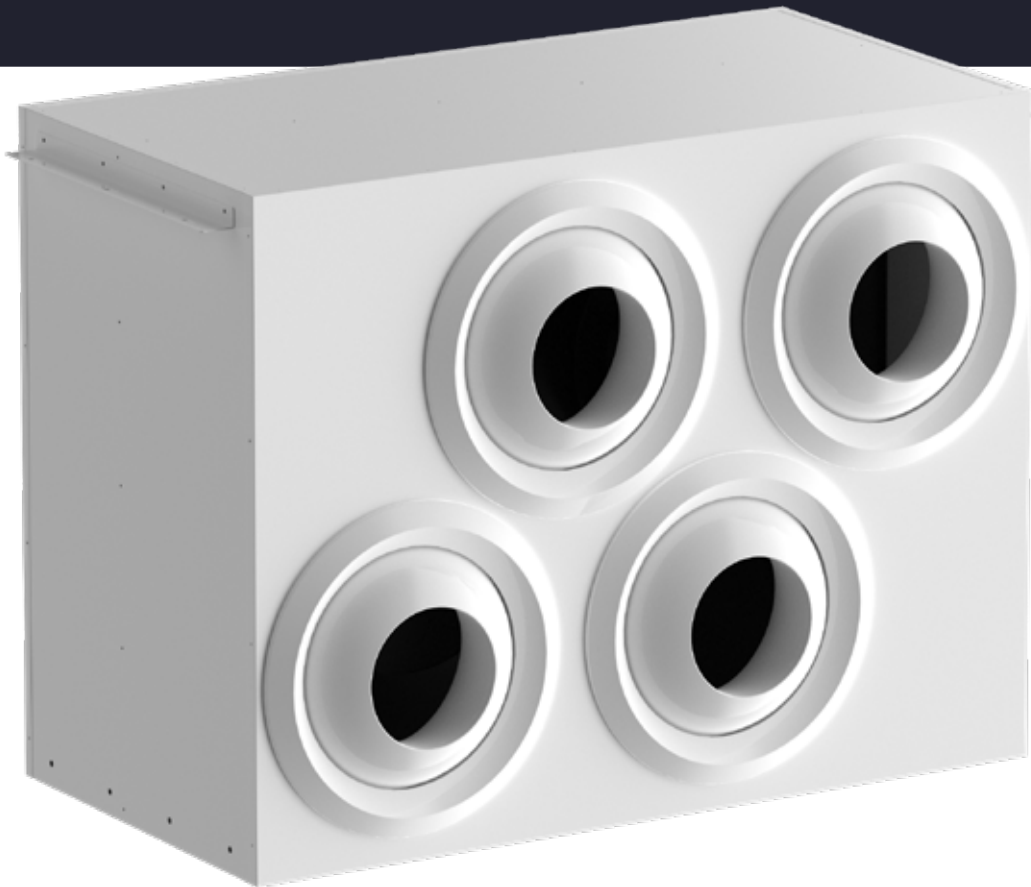
Powering Efficiency, Driving Net Zero:

Engineered for high performance and efficiency, OKKI delivers powerful climate control while cutting energy costs, reducing emissions, and accelerating the path to net zero.

OKKI

Commercial Heat Pump

Heating & Cooling Solution



DECARBONISING RANGE

PRODUCT QR CODE





Perfect for Expansive Spaces

OKKI is specifically engineered to control temperatures in large spaces and buildings. Its advanced technology and innovative design ensure consistent and efficient climate control across vast areas, making it the perfect solution for warehouses, factories, retail, and other expansive environments.

Applications

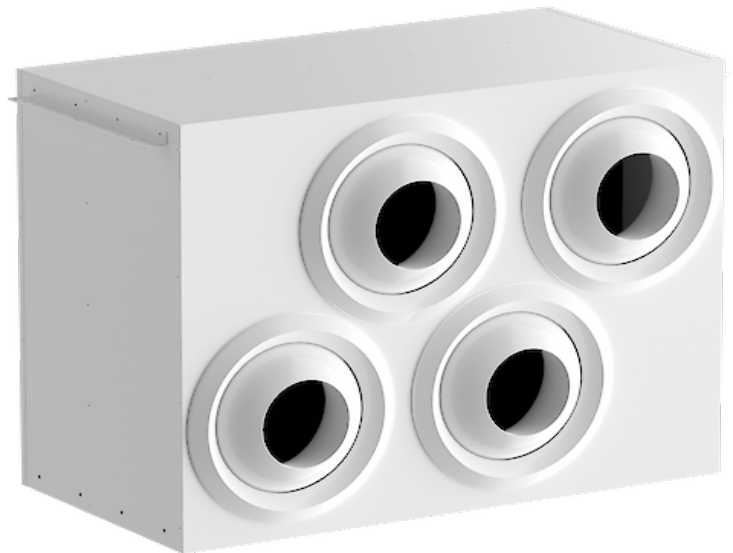
- Factories & Warehouses
- Retail
- Manufacturing Facilities
- Food Production
- Schools & Sports Centres



OKKI

Introducing the all-new OKKI commercial heat pump, designed to maximise comfort in large spaces while supporting heating and cooling requirements. Engineered to decarbonise and achieve net-zero goals, the OKKI features Smart Jet technology for precise airflow control and enhanced energy efficiency.

The OKKI is available in both 15kW and 30kW outputs, catering to a range of heating and cooling needs. It offers flexibility with automatic nozzles for self-regulating comfort, manual nozzles for targeted control, and a ducted version for enhanced precision in specific areas.



Renewable Integration

The OKKI seamlessly integrate with renewable energy sources within the building to provide efficient and sustainable heating solutions.



Net Zero & Decarbonising Solution

The OKKI contributes to decarbonising buildings and advancing net zero goals by utilising renewable energy sources, thereby reducing reliance on fossil fuels and minimising carbon emissions.

Advanced Energy Efficiency

Adapting the system to actual conditions ensures optimal energy utilisation, reducing both consumption and costs reducing costs.

Constant Thermal Comfort

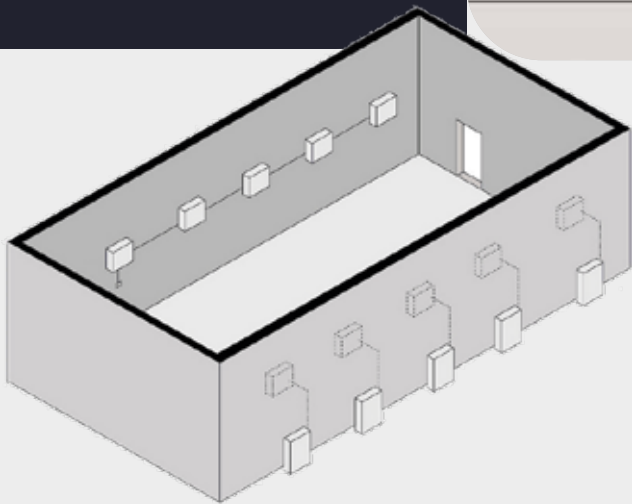
Temperature-dependent air modulation ensures uniform comfort, promoting a productive work environment.

Minimisation of Stratification

The system distributes air evenly, avoiding temperature variations and improving both comfort and overall efficiency.

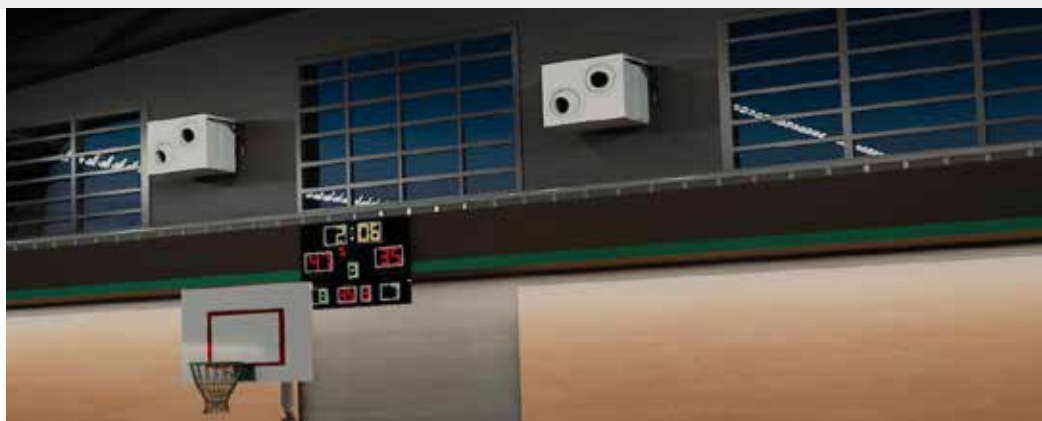
Eco-Friendly R32 Refrigerant

Incorporates R32 refrigerant, a cutting-edge choice that boosts energy efficiency and minimises environmental impact.

**Modular System for Maximum Comfort**

The OKKI features a modular system that supports the installation of multiple units. It comes complete with all necessary components for quick and easy setup, including wall mounting brackets. Only the refrigeration connections to the indoor unit are needed, simplifying the installation process significantly.

Transforming
heat pump
solutions for
large buildings.



**The future of
commercial heat
pumps has arrived.**





LOW
GWP R32
Refrigerant

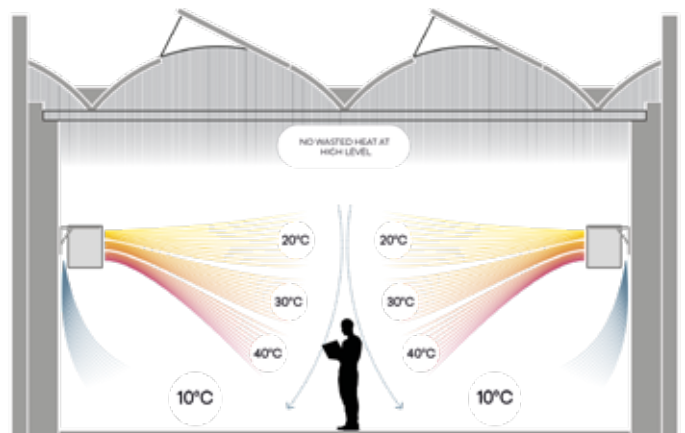
Smart Jet Technology.

The innovative Smart Jet technology in the OKKI Heat Pump optimises airflow management.

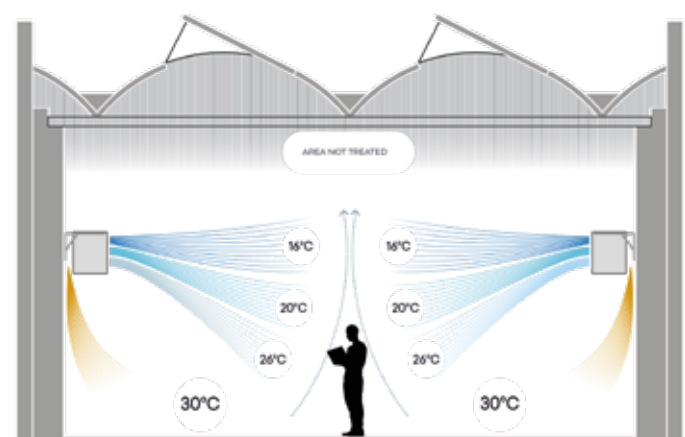
It ensures precise control of air distribution, preventing temperature stratification and promoting uniform heating and cooling.

By effectively managing airflow, the OKKI Heat Pump minimises energy waste, enhancing overall system efficiency and supporting the transition to net-zero operations.

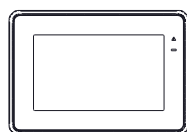
Heating Mode



Cooling Mode



Control it
your way.



The OKKI supports single or multi-unit control, with wired Modbus or wireless WiFi connectivity. Each unit operates independently or under one control, with an optional remote panel accessory for convenience.

Technical Specification

Indoor Unit

OKKI 15



OKKI 30



Model	U.M	OKKI 15	OKKI 30
Heating Performance			
Total Power Output	kW (Min - Max)	13,40 (3,40 - 16,00)	28,00 (5,50 - 29,00)
COP (*2)	(min - max)	3,76 (3,03 - 5,23)	3,71 (3,05 - 5,00)
Cooling Performance			
Total Power Output	kW (Min - Max)	13,40 (3,30 - 15,00)	23,20 (6,10 - 27,00)
COP (*2)	(min - max)	3,26 (2,93 - 5,08)	3,24 (2,56 - 4,59)
Aeraulic Performance			
Nominal air flow rate	m ³ /h	2500	5000
Useful prevalence	Pa	170	170
Sound Levels			
Radiated sound power in the channel Lw	dB (A)	60	64
Average sound pressure at 5m Lp	dB (A)	39	42
Electrical			
Power Supply	V/ph/Hz	230 / 1 / 50	
Nominal Absorbed Power	kW	0.4	0.8
Total Absorbed Current	A	1.83	3.66
IP Protection	IP	X2	
Connections			
Air Connections	mm	355	
Condensate drainage connection	mm	30	
Dimensions & Weights			
Dimensions (W x D x H)	mm	1106 x 929 x 808	1458 x 988 x 1041
Weights	Kg	88	130

Outdoor Unit



Model	U.M	OKKI 15	OKKI 30
Aeraulic Performance			
Nominal air flow rate	m ³ /h	6960	9600
Useful prevalence	Pa	7740	9600
Sound Levels (Heating & Cooling)			
Sound power transmitted to the structure Lw	dB (A)	71	82/78
Average sound pressure at 5m Lp	dB (A)	54	63/59
Compressor			
Type & Number		Rotary Inverter (1)	
Refridgerant Type		R32	
Refridgerant Quantity	Kg	3.05	5.20
Electrical			
Power Supply	V/ph/Hz	400/3/50	
Total maximum power consumption	kW	5	9
Total Absorbed Current	A	7.60	13.67
IP Protection	IP	X4	
Limits			
Heating outside air (min/max)	°C	-20 to 24	
Cooling outside air (min/max)	°C	-20 to 46	
Connections			
Liquid connection	"	3/8	1/2
Gas connection	"	5/8	7/8
Dimensions & Weights			
Dimensions (W x D x H)	mm	980 x 370 x 996	1140 x 460 x 996
Weights	Kg	84	109

(1) Outdoor air temperature: 7 °C b.s. and 6 °C b.u.; Room air temperature: 20 °C

(2) EER and COP rating according to EN14511.

(3) Outdoor air temperature: 35 °C b.s.; Room air temperature: 27 °C b.s. and 19 °C b.u.



Working together to decarbonise your building through efficient HVAC technologies.

Reach out to Powrmatic to arrange a consultation or site visit for expert project assistance. Our tailored solutions will help you cut carbon emissions and work towards your net zero goals. Let us support your sustainable climate control initiatives.

UK Office

Hort Bridge
Iminster
Somerset
TA19 9PS

+44 (0) 1460 53535

info@powrmatic.co.uk
www.powrmatic.co.uk

Ireland Office

Powrmatic Ireland
45 Broomhill Close
Tallaght
Dublin 24

tel: +353 (0) 1452 1533

info@powrmatic.ie
www.powrmatic.ie



POWRMATIC

Powrmatic pursues a policy of continuous improvement in both design and performance of its products and therefore reserves the right to change, amend or vary specifications without notice. Whilst the details contained herein are believed to be correct they do not form the basis of any contract and interested parties should contact the Company to confirm whether any material alterations have been made since publication of this brochure.

Issue 1.1