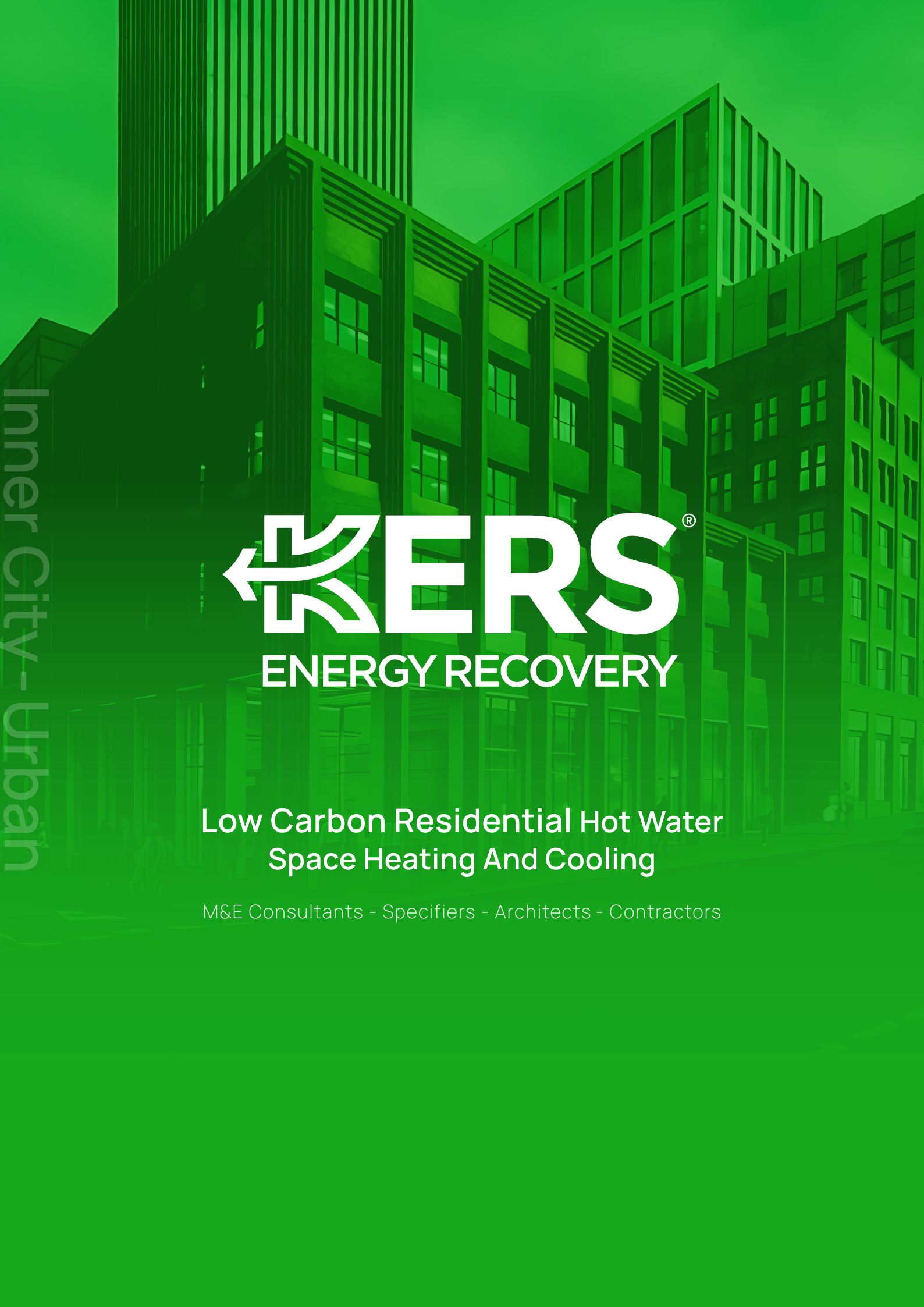


KERS®

ENERGY RECOVERY

Low Carbon Residential Hot Water Space Heating And Cooling

M&E Consultants - Specifiers - Architects - Contractors

Low Carbon
Hot Water & Heating Solutions

Providing an efficient, comfortable home with lower costs

Kers Innovation is a heat pump technology company specialising in energy efficiency, ventilation, and smart building systems. Driven by sustainability and performance, we design solutions that reduce environmental impact while enhancing everyday living and working spaces.

Set to deliver over 11,000+ installations by 2026, we have a proven track record of delivering reliable, efficient, and user-friendly systems across residential and commercial sectors. Combining engineering expertise with innovation, we create tailored solutions that improve comfort, energy management, and long-term value for our clients and communities.



Product Design
03-04

M&E Consultants - Specifiers
Architects - Contractors
KERS vision is to make Hot Water and heating cheaper and available for all households.



New Build / Housing Providers

KERS provides new developments a cost-effective route to giving house buyers the latest Hot Water technology achieving energy performance standards.



Training / Commissioning
05-06

Our dedicated training centre houses a fully functional one bedroom apartment designed to showcase the Kers product range in a living environment whilst offering the opportunity for customers to view the system in full operation.



Service Maintenance Aftercare
07-08

Our service maintenance and aftercare packages are designed to ensure your system operates efficiently and reliably throughout the year, providing peace of mind and prolonging the lifespan of your investment.



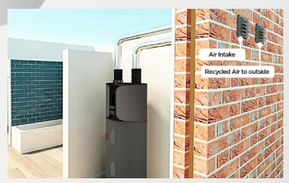


KERS MEV SERIES
09-14

HOT WATER + VENTILATION

Indoor Heat Pump - Hot Water - Heat Recovery Mechanical Extract Ventilation. Converting waste heat energy from bathrooms and kitchens to low cost, renewable Hot Water.

PART F+L



KERS R-SERIES
15-20

HOT WATER + HEAT RECOVERY

The eco-friendly KERS R-SERIES Indoor Heat Pump is a combined Heat Recovery, Hot Water system with storage cylinder. Using energy in the outdoor air to provide low cost, low carbon renewable Hot Water.

PART L



KERS COOL BOOST
21-26

HOT WATER + COOLING

The Cool Boost Module integrates with the Weatherby Indoor Heat Pump System to provide a combined renewable Hot Water and free cooling solution. MVHR + COOLBOOST

PART O TM59



KERS REMOTE HEAT PUMP
27-30

HOT WATER + SPACE HEATING + COOLING

The ecofriendly KERS RM is a highly efficient monoblock space heating and hot water solution that is mounted internally. Removing the need for planning permission. its space saving design makes it an ideal choice for apartments and retrofit.



KERS PANEL HEAT PUMP AC SYSTEM
31-34

COOLING + HEATING + DEHUMIDIFICATION

The KERS PHP System is an all in one solution designed to provide both Heating and Cooling within properties, targeting overheating whilst increasing SAPS due to the high COP in both Heating and Cooling.

UK Wide Domestic Home Sectors

SPEAK TO AN ADVISOR TODAY: **0161 567 8770**

SAP bre
REGULATION COMPLIANCY

The Decarbonisation Of Water Heating

KERS vision is to make Hot Water cheaper and available for all households within the UK

Product Design

Our goal is to provide renewable energy products to transition from fossil fuel heating to low carbon alternatives for new and existing homes.

KERS adaptive heating technologies provide support to this transition in both new and existing homes. Our products are designed for **M&E Contractors**, **Specifiers**, **Architects**, **Contractors**, **Housebuilders** and **Housing Providers** to transition housing stock from fossil fuel heating to low carbon alternatives.

New Build Housing

KERS provides new developments a cost- effective route to giving house buyers the latest Hot Water technology achieving energy performance standards.

Housing Providers

Reducing Tenants Bills. Reducing Hot Water and heating costs by up to 66% the KERS indoor heat pump technology can be installed easily into older housing stock for councils or private owners.



2025 | 2026 | 2028 | 2030

MEETING BUILDING REGULATIONS NOW AND IN THE FUTURE



UK Government Milestones /POLICY ROADMAP

The UK will ban gas and oil boilers in new homes from 2025, with a 'heat pump first' approach for replacements starting in 2026. By 2028, the goal is 600,000 heat pump installations annually, and by 2030, all rented homes must achieve an EPC grade C energy efficiency rating.

www.kers.co.uk

KERS TRAINING CENTRE

In house Training and R&D is also provided with an emphasis on quality of product and installation.

Improving the energy performance of current and new housing stock

Building experts knowledge by specialising in low carbon, low temperature heating systems.

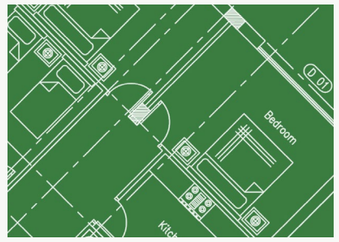
Commissioning
After installation, the system is checked and tested. This means making sure plumbing and electrical connections are sound, that control systems work, that water/waste/vapour circuits are sealed,

Installer Programmes - UK Wide

The Kers indoor heat pumps have been designed to maximise efficiency, lower energy consumption and reduce carbon emissions resulting in lower energy costs for the customer. To ensure these standards are maintained Kers products can only be installed by authorised engineers that have completed the Kers installer training days, and have been awarded their Kers training certificates.



MEETING BUILDING REGULATIONS NOW AND IN THE FUTURE



Book a live demo at our training centre.
See how much you could save—speak to an advisor.

Sales : 0161 567 8770

Head Office: Manchester, Lancashire
Email: info@kers.co.uk

www.kers.co.uk

FUTURE PROOFING

Cost-effective, low-carbon heat technology that reduces long-term operating costs, cuts emissions, and ensures compliance.

Service Maintenance Aftercare

We are dedicated to delivering top-notch service and support for your heat pump boiler system. Our service maintenance and aftercare packages are designed to ensure your system operates efficiently and reliably throughout the year, providing peace of mind and prolonging the lifespan of your investment.

Priority Tech Support
We ensure your heat pump is running at peak performance by checking airflow, calibrating thermostats, and identifying potential issues before they escalate into costly repairs.

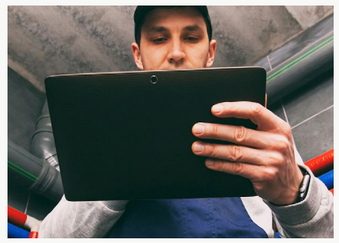
Our Goals - Ensuring Year Round Service

With our comprehensive aftercare, you'll receive expert assistance, technical support, and priority scheduling for any repairs or replacements needed. Our goal is to keep your heat pump system energy-efficient, environmentally friendly, and running smoothly, ensuring optimal comfort for your home or business year-round.

By choosing our service maintenance and aftercare, you'll enjoy lower running costs, reduced breakdowns, and an extended lifespan for your heat pump boiler system.



MEETING BUILDING REGULATIONS NOW AND IN THE FUTURE



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See how much you could save—speak to an advisor.

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Head Office: Manchester, Lancashire
Email: info@kers.co.uk

www.kers.co.uk

350% Efficient

Recycles waste heat energy from bathrooms and kitchens to low cost, low carbon renewable hot water

KERS

MEV SERIES

HOT WATER + VENTILATION

Indoor Heat Pump & Hot Water - Heat Recovery Mechanical Extract Ventilation. Converting waste heat energy from bathrooms and kitchens to low cost, renewable Hot Water.

The eco-friendly KERS MEV indoor heat pump is a combined Hot Water, heat recovery and ventilation system (**The all-in-one design replaces mechanical ventilation with only one penetration through the building**)

KERS MEV-W160 | **KERS MEV-W230** | **KERS MEV-W300**

A+ ENERGY RATING



FEATURES

- Low energy only 462W
- High output 2010W
- Available in 160L, 230L and 300L
- High efficiency ECQ fan motor
- High efficiency rotary compressor
- Super quiet running
- Helps achieve compliance of building regs Part F+L
- User friendly controls, anti legionella, holiday and weekly timer functions
- Optional PV & solar coil

USES

- Hot Water
- Ventilation

APPLICATIONS

- Residential
- Commercial
- Apartments

PART F+L

- PART F&L building regulations

USER FRIENDLY CONTROLLER

A multi-function controller provides optimal management for all operations with legionella, fan speeds, weekly timer and diagnostics

REMOVABLE COVER

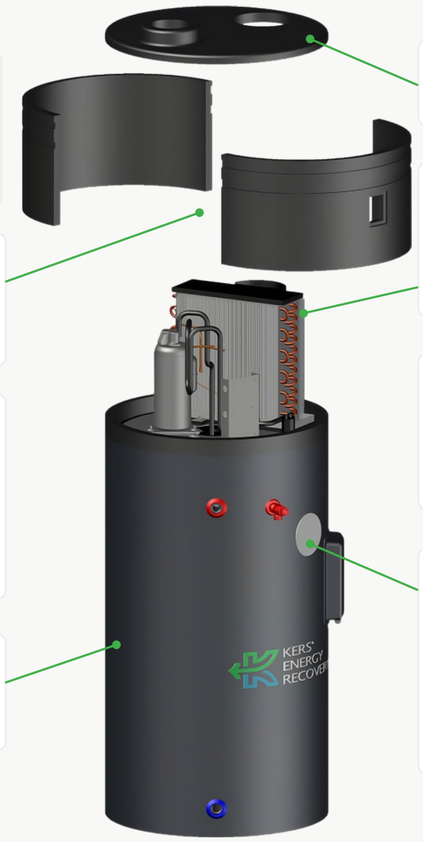
For ease of servicing and maintenance the top cover is removable to allow full access to all the heat pump components

24/7 YEAR ROUND EFFICIENCY

External heat pumps are less efficient as the outside temperature drops. The KERS MEV indoor heat pump recycles a constant 20°C of waste energy from within your building and converts this to low-cost renewable Hot Water

INSTALLER FRIENDLY

Front facing fittings and connections ensure ease of service and maintenance



30% RECYCLED PLASTIC COVER ARPO-5253-RE

AIR FILTER

Removes harmful contaminents such as dust and dirt to protect the heat pump components and improve performance and efficiency

INCREDIBLE EFFICIENCY AND SAVINGS

For every 1kW of energy consumed, our KERS system can produce up to 4.5kW of thermal energy

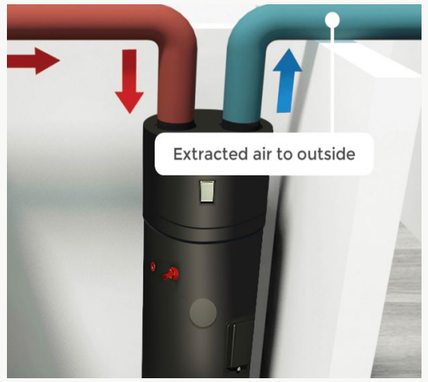
HEATERLESS DESIGN

Most heat pumps rely on an electric immersion heater to achieve higher water temperatures. Our heaterless design produces Hot Water temperatures of up to 65°C solely using our heat pump technology, resulting in greater energy savings

KERS INDOOR HEAT PUMP	TRADITIONAL HEAT PUMP	REGULATION COMPLIANCY
› Recycles waste heat, constant 20°C improves COP › High temperature water output › Heaterless design requires no immersions › Simple install. Plugin + connect cylinder › MEV function options › No external condenser. No planning issues	› Reliant on the weather, the colder the temperature the less efficient they are › Only operates to 55°C with immersion top up › Complicated and expensive installation › Uses immersions › No MEV functionality › External condensing unit can cause planning issues	Approved by the Building Research Establishment, TUV and SAP registered. Compliant with building regulations.









BENEFITS

- Provides both Hot Water & ventilation
- High efficiency - for every 1kW input up to 4.5kW output
- Heaterless design - achieves 65°C without the need for immersion
- Removes condensation & humidity
- No external condenser
- Compact design to reduce space loss
- Easily serviceable with bespoke design, no requirements for removal of ductwork
- Weekly legionella program

MEV SERIES

HOT WATER + VENTILATION

PART F+L

BOOK A DEMO

KERS MEV-W160



KERS MEV-W230



KERS MEV-W300



SPECIFICATIONS

* 5 YEAR WARRANTY SUBJECT TO ANNUAL SERVICE AGREEMENT *

MODEL	KERS MEV-W160	KERS MEV-W230	KERS MEV-W300
	Below calculations based on 55 ℃ according to EN16147		
Tank Volume (Litres)	160	230	300
Heating Capacity (W)	2010	2010	2010
Max Power Input	460w	460w	460w
COP (EN255/3)	4.5	4.5	4.5
COP (EN16147)	3.3	3.3	3.3
Electrical Connection	230v/50Hz/1Ph	230v/50Hz/1Ph	230v/50Hz/1Ph
AMP	10	10	10
Working Pressure	8 BAR	8 BAR	8 BAR
Max Water Temp (No immersion)	70°C	70°C	70°C
Refrigerant	R134A	R134A	R134A
Electrical Heater Optional (W)	1.5kW	1.5kW	1.5kW
Duct Minimum Diameter (mm)	180-150/220 x 90	180-150/220 x 90	180-150/220 x 90
Max Pressure (Pa)	see fan spec	see fan spec	see fan spec
MEV sfp (w/l/s)	0.5	0.5	0.5
MEV Flow Rate	to Part F	to Part F	to Part F
Corrosion Protection	Vacuum enameled	Vacuum enameled	Vacuum enameled
Weight (Kg)	105	105	130
Dimensions (mm) HxD	1494 x 668	1638 x 668	1888 x 668
Noise Level {1m} dB(A)	37dba	37dba	37dba

CASE STUDY

KERS MEV - Recycles waste heat energy from bathrooms and kitchens to low cost, low carbon renewable Hot Water

KERS **MEV**

Millers Quay/ Wirral Waters

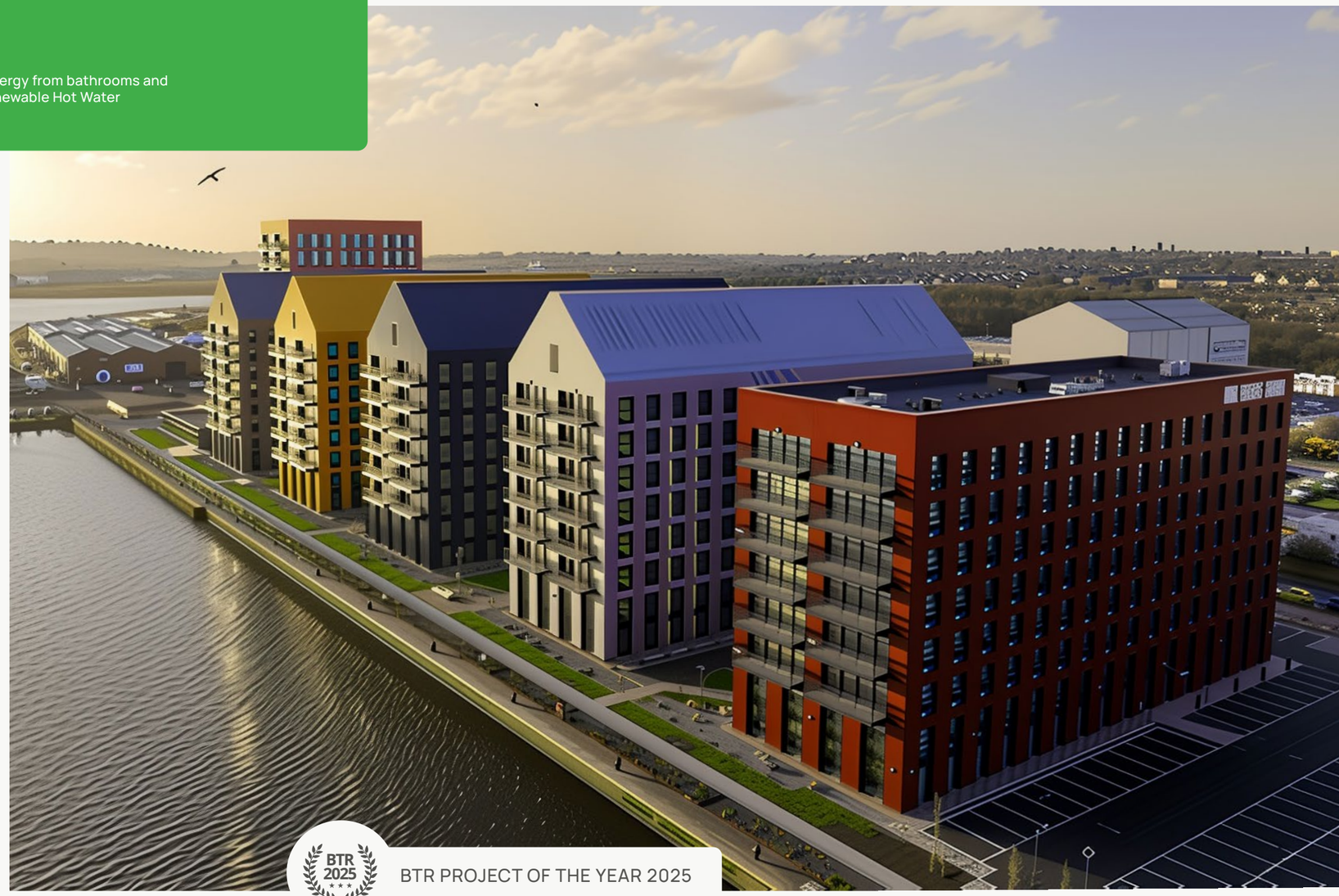
Millers Quay is the first residential development on Birkenhead's former East Float dock and received unanimous approval in 2019. Its position is integral to paving the way for the creation of a new neighbourhood along Northbank - at the time, the largest urban regeneration scheme of its kind in the UK.

Project Overview

The Millers Quay project has received the BTR (Build to rent) Development of the Year award at the Insider Northwest Residential Property Awards 2025, along with the Schüco Excellence Award 2025, recognizing its innovative brownfield regeneration, sustainable design, and significant positive impact on the local community and economy. The scheme is a landmark £130m residential development in Wirral Waters, comprising 500 apartments, praised for its response to location, sustainability, and public-private partnership.

Efficient Outcome

This Project originally was a typical electric Hot Water cylinder, MVHR with electric panel heaters. The client's mindset shifted and wanted to achieve an EPC B and bring some renewables to the area and also the development. Crookes Walker Consulting working alongside KERS produced a specification to meet the clients and project's needs. Utilizing the highly efficient all in one KERS MEV Hot Water Cylinder Heat Pump to look after their Hot Water and ventilation requirements with one unit. This worked alongside electric heating, giving the B rating the scheme required. KERS delivered the program to HE Simms, working alongside them throughout.



BTR 2025

BTR PROJECT OF THE YEAR 2025

Client

- Peel Holdings

Location

- Birkenhead

Project Detail

- 500 Apartments / reducing cost per apartment

Principal Contractor

- Grahams

M&E Contractor

- HE Simms

Kers Products

- Kers MEV heat pump cylinder for Hot Water and ventilation

350% Efficient

The KERS R-SERIES Heat Pump is an all in one Hot Water solution. 350% efficient as recorded in SAP

KERS

R-SERIES

HOT WATER + HEAT RECOVERY

A+ ENERGY RATING

The eco friendly KERS R-SERIES indoor heat pump is a combined heat recovery, Hot Water system with storage cylinder converting energy in the outside air to provide low cost renewable Hot Water.

The eco-friendly KERS R-SERIES Indoor Heat Pump is a combined heat recovery, Hot Water system with storage cylinder. Using energy in the outdoor air to provide low cost, low carbon renewable Hot Water.



R-SERIES R200 | **R-SERIES R300**

FEATURES

- Low energy only 560W
- High output 2010W
- Available in 200L and 300L
- High efficiency ECQ fan motor
- High efficiency rotary compressor
- Super quiet running
- Helps achieve compliance of UK building regulations
- User friendly controls, anti legionella, holiday and weekly timer functions

USES

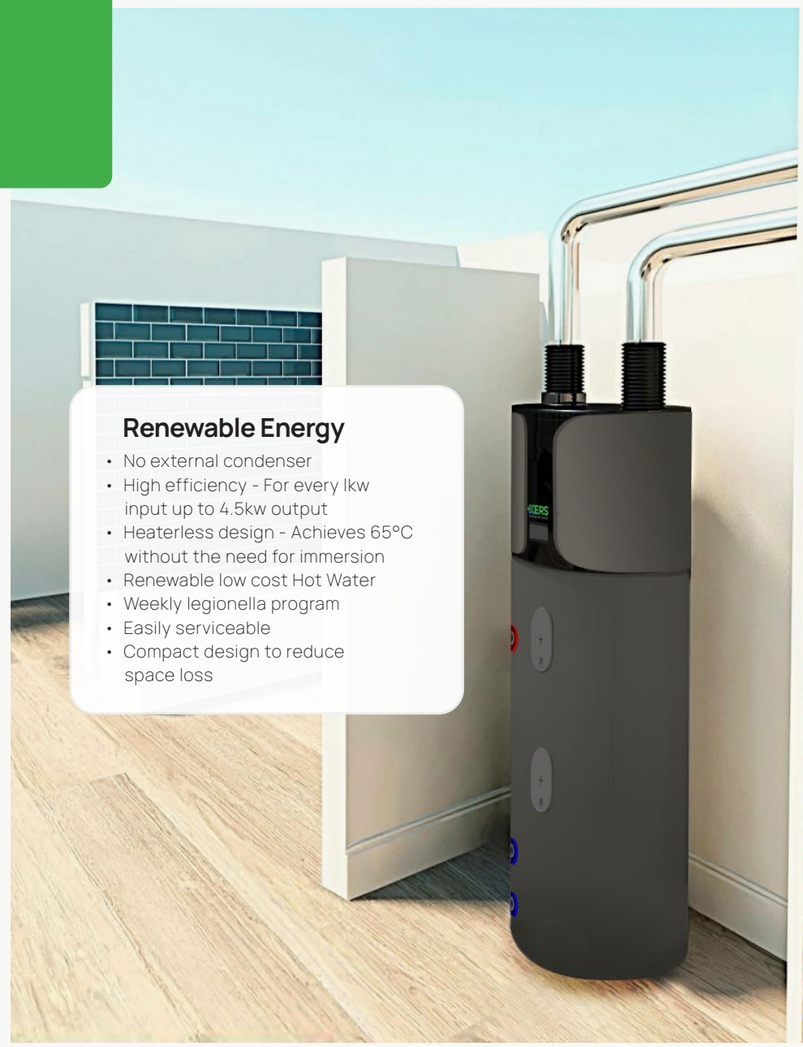
- Hot Water
- Cooling (Part O building regulations)

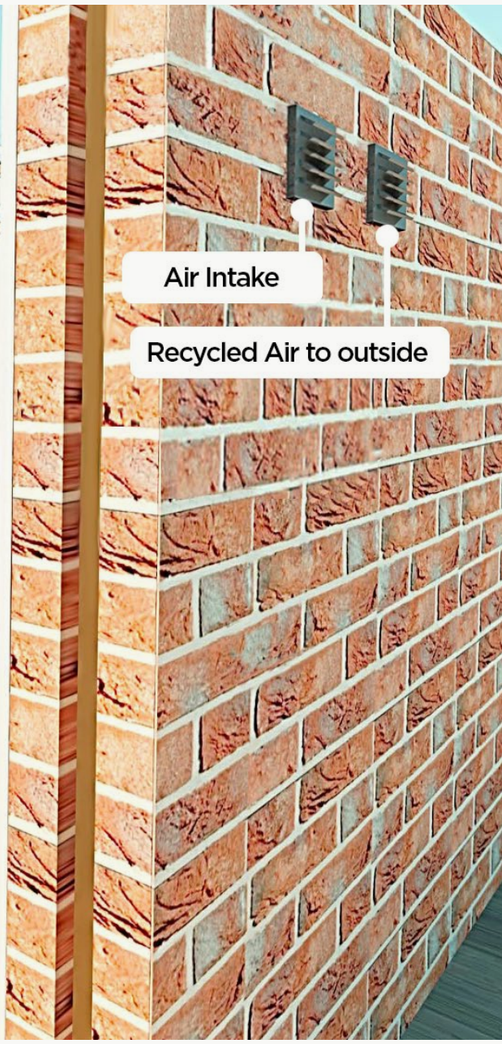
APPLICATIONS

- Residential
- Commercial
- Apartments

PART L

- PART L building regulations





KERS INDOOR HEAT PUMP

- High temperature water output
- Heaterless design requires no immersions
- Simple install. Plugin + connect cylinder
- No external condenser. No planning issues

TRADITIONAL HEAT PUMP

- Only operates to 55°C with immersion top up
- Complicated and expensive installation
- Uses immersions
- External condensing unit can cause planning issues

COMPLIANCY

Approved by the Building Research Establishment, TUV and SAP registered. Compliant with building











BENEFITS

- No external condenser
- High efficiency - For every 1kw input up to 4.5kW output
- Heaterless design - Achieves 65°C without the need for immersion
- Renewable low cost Hot Water
- Weekly legionella program
- Easily serviceable

R-SERIES

HOT WATER + HEAT RECOVERY

PART L

BOOK A DEMO

R-SERIES R200



R-SERIES R300



SPECIFICATIONS

Model	R200	R300
	Below calculations based on 55°C according to EN16147	
Tank Volume (Litres)	200	300
Heating Capacity (W)	1.5kw	1.5kw
Heating Time	6.2	8.37
Refrigerant	R290 A (150g)	R290 A (150g)
Electric Heater	1.5	1.5
Sound Pressure Level at 1m	38.1	38.1
Max Pressure (Pa)	see fan spec	see fan spec
Max. Water Outlet Temp.	75°c	75°c
Operation Range	-5~43	-5~43
Water Outlet Temp. Range	38~65°c	38~65°c
Normatives Data (EN16147)		
Energy Efficiency Class	A+	A+
Tapping Cycle	M	M
COP (Exterior Air +7°C / 14°C)	3.30 / 3.68	3.41 / 3.91
Water Heating Energy Efficency	138.6%	142.2%
V40	278	376
Tank		
Corrosion Protection	Stainless Steel	Stainless Steel
Max Pressure	8 BAR	8 BAR
Connections and Dimensions		
Power Supply	240v/50H	240v/50Hz
AMP	10	10
Weight (Kg)	113	129
Dimensions (mm) HxD	640 x 1600	640 x 1905
Duct Minimum Diameter (mm)	150mm/220mm x 90mm	150mm/220mm x 90mm

CASE STUDY

KERS WEATHERBY - Approved by the Building Research Establishment, TUV and SAP registered. Compliant with building regulations

KERS **WEATHERBY**

Rochdale Road

When Hurstwood Environmental were appointed the M&E Design on this project, they reached out to KERS to look to include their products in the design and strategy moving forward. Planning was submitted utilising the KERS R-SERIES along with electric radiators for Heat Recovery.

Project Overview

When McGoff Group set out to build the Downtown Victoria North scheme in Manchester, the brief was bold: deliver an all-electric, highly efficient build-to-rent scheme with electric heating, achieving a high EPC rating (targeting around EPC A-B), while keeping the scheme financially viable.

Efficient Outcome

- The completed scheme achieved a high EPC rating, demonstrating excellent thermal performance, efficient systems, and low predicted energy consumption.
- The all-electric approach (including electric heating + R-SERIES product) dramatically reduced reliance on fossil fuels, cutting carbon emissions and aligning with future regulatory trends towards net-zero carbon.
- The building operates efficiently, with lower energy bills for occupants and reduced operational maintenance (thanks to simpler electrical systems vs complex dual-fuel or fossil systems).
- The project stayed within the client's budget - a key success factor - proving that high performance and strong environmental credentials need not blow the budget when there is early planning, close collaboration, and the right product choices.



Client

- McGoff Group

Location

- Rochdale Road /

Project Detail

- 234 Apartments / reducing cost per apartment

Principal Contractor

- GPL Ventilation

M&E Contractor

- Hurstwood Environmental

Kers Products

- Kers R-SERIES plus providing electrical heating

HOT WATER- HEAT RECOVERY FREE COOLING

KERS can ventilate and create an optimal thermal temperature all year round within a building

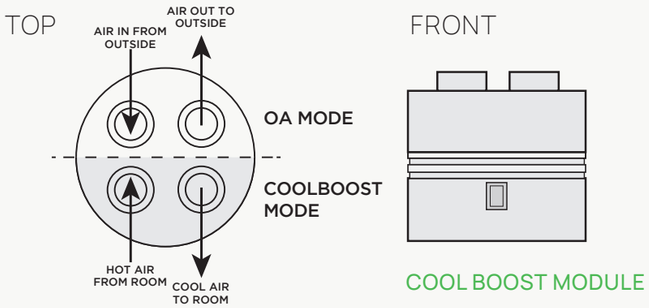
KERS
COOLBOOST

HOT WATER + COOLING

PATENT APPROVED

A+ MITIGATES OVERHEATING

KERS Cool Boost is a combined Hot Water heat pump and comfort cooling system that provides renewable Hot Water and free comfort cooling. (Designed to mitigate overheating in dwellings)



COOL BOOST MODULE





Recovers waste heat energy and converts to renwable Hot Water, the by-product of the heat pump cycle “Free COOLING “ is recycled into the dwelling. Specialist software and internal dampers allows the following control strategy to work.

OA FUNCTION (Standard heat pump mode)

The heat pump takes the air from the outside into the heat pump where the energy is absorbed and recycled through the heat pump Hot Water process.

COOLBOOST FUNCTION (Cooling required)

The controller software activates internal dampers to switch the direction of the air from the intake point.

PART O TM59

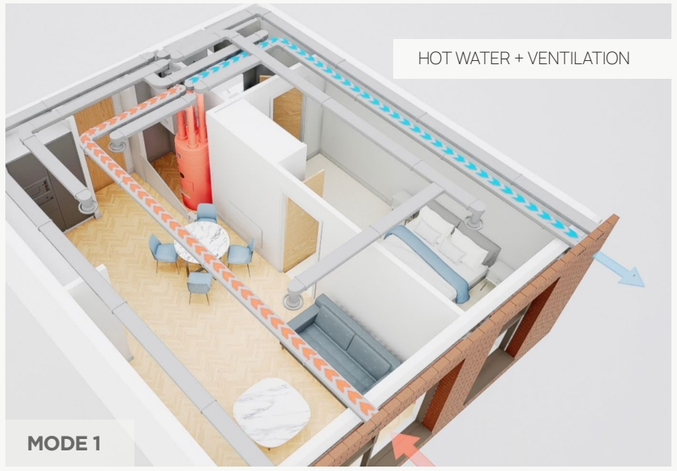
- Part 0 TM59 building regulations

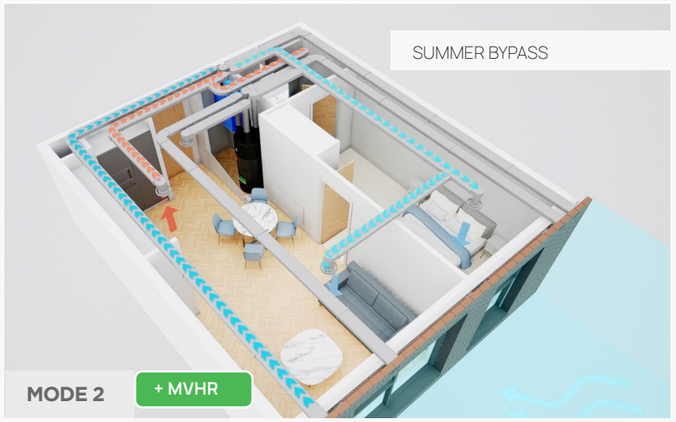
FEATURES

- Provides low carbon Hot Water and free cooling
- Mitigates overheating in dwellings
- Cooling capacity 1.5kW
- No external condenser required
- Works alongside MVHR systems
- Auto cooling mode
- Summer by pass
- Achieves 70ºC without immersion
- PEEK LOPPING
- TRIM COOLING
- FREE COOLING
- Summer bypass
- Part O compliant
- MVHR compatible

Independent cooling performance statistics

Ask the team for our real life performance graphs of how the system performs. Reducing the temperature within the dwelling using the KERS Coolboost module and MVHR combined solution.









MITIGATES OVER HEATING IN DWELLINGS

The KERS cooling system can work in conjunction with MVHR Systems. Both systems work independently when no cooling is required.

Once the temperature within the apartment exceeds 26 Degrees, the MVHR System will first use the cooler external air to reduce the internal temperature. If the external temperature is equal or higher than the internal temperature, the MVHR System then sends a signal to the Coolboost Module to activate the cooling controls, therefore producing cooling to the apartments via the MVHR ducting.

COOL BOOST

HOT WATER + COOLING

PART O TM59

BOOK A DEMO

COOL BOOST-W230



COOL BOOST-W300



SPECIFICATIONS

* 5 YEAR WARRANTY SUBJECT TO ANNUAL SERVICE AGREEMENT *

MODEL	KERS COOL BOOST-W230	KERS COOL BOOST-W300
	Below calculations based on 55 C according to EN16147	
Tank Volume (Litres)	230	300
Cooling Capacity	1.5kW	1.5kW
Heating Capacity (W)	2010	2010
Max Power Input	560w	560w
COP (EN255/3)	4.5	4.5
COP (EN16147)	3,5	3.5
Electrical Connection	230v/50Hz/1Ph	230v/50Hz/1Ph
AMP	10	10
Working Pressure	8 BAR	8 BAR
Max Water Temp (No immersion)	70°C	70°C
Refrigerant	R513A	R513A
Electrical Heater Optional (W)	1.5kW	1.5kW
Duct Minimum Diameter (mm)	150mm/220mm x 90mm	150mm/220mm x 90mm
Max Pressure (Pa)	see fan spec	see fan spec
Flow rate minimum (l/s)	80	80
Corrosion Protection	Vacuum enameled	Vacuum enameled
Weight (Kg)	105	120
Dimensions (mm) HxD	1858 x 668	2108 x 668

CASE STUDY

The KERS COOL BOOST - A low cost solution to overheating in dwellings providing renewable Hot Water

KERS **COOL BOOST**

Great Charles Street

The original scheme featured a central plant with HIU units. While functional, the client sought a smarter solution — one that could cut capital and running costs, reduce carbon emissions, boost overall energy efficiency, and fully meet demands of Part O compliance and wider ESG targets.

Project Overview

Under the new Part O compliance program, overheating risks had to be addressed early. A TM59 report confirmed that active cooling was essential for both tenant comfort and compliance. Working with Tate Consulting, HE Simm, and the client, KERS Innovation developed a solution that exceeded requirements by removing HIUs and integrating the KERS Weatherby Hot Water Heat Pump for efficient Hot Water and the KERS CoolBoost Hot Water Heat Pump for active cooling. Using free cooling from the heat pump process, CoolBoost redirected energy into the apartments to maintain comfortable indoor temperatures without additional cooling equipment.

Efficient Outcome

The CoolBoost system harnessed free cooling from the heat pump process, redirecting energy into apartments to maintain a comfortable indoor climate without the need for additional cooling equipment. This innovative approach delivered clear benefits: capital savings by eliminating costly HIU units, measurable carbon reduction in support of ESG goals, and improved energy efficiency through significantly lower ongoing demand. At the same time, CoolBoost ensured full compliance with Part O and TM59 standards, providing a future-ready solution that balances comfort, sustainability, and cost-effectiveness.



Project Name

- Great Charles street

Location

- Birmingham

Project Detail

- 734 Apartments providing cooling systems for each

Principal Contractor

- Tate Consulting, HE Simm

M&E Contractor

- Tate Consulting, HE Simm

Kers Products

- Weatherby Hot Water Heat Pump, CoolBoost Hot Water Heat Pump

High Efficiency Energy Savings

A highly efficient indoor heat pump that operates as a stand alone heat pump header that can be installed into any space

KERS

RM INDOOR MONOBLOCK HEAT PUMP

HOT WATER + SPACE HEATING + COOLING

The RM monoblock takes care of your Space Heating and Hot Water requirements. A highly efficient low carbon Hot Water and heating system that is designed to fit internally within the dweilling and has no external condensing unit ,negating the requirement for planning permission.

MOUNTED INTERNALLY

NO EXTERNAL CONDENSER CO_2



SAVE OVER 60% ON YOUR ENERGY COSTS

KERS RM was developed for the new housing and retro fit sector where gaining planning can be a lengthy and complicated process.

Unlike conventional heat pumps that require an external condensing unit the KERS RM is fitted internally and extracts the energy from the atmosphere and recycles this energy into renewable Hot Water and heating. Providing considerable energy carbon savings.

Retrofitting the KERS RM Indoor Monoblock Heat Pump

A separate cylinder or existing cylinder can be linked to provide low cost renewable hot water and heating.



Mounted Internally



KERS INDOOR HEAT PUMP	TRADITIONAL HEAT PUMP
Low noise	Unsightly on the exterior wall
Simple installation	Condenser fitted to the outside wall
Fits into a loft space	Requires planning permission
Requires no condenser	Noisy on full speed
Requires no planning permission	Complicated and costly installation
Fit and forget	
Ideal retrofit	

LOW-CARBON

Hot Water & Space Heating System

- No external condenser
- No planning required
- Fits into most loft spaces
- Monoblock refrigeration design
- Low energy high output
- 330% efficient
- Sustainable / renewable

Save Space - Save Planning Cost - Save Energy

High Efficiency Energy Savings

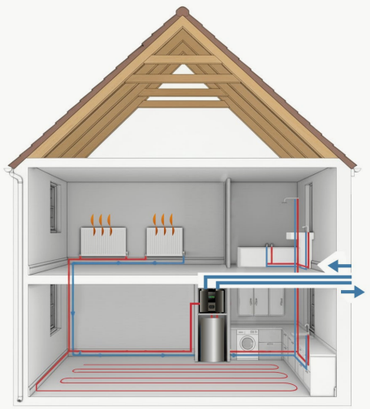
Space Heating and Hot Water with Independent Heat Pump Systems per dwelling and Produces Cooling of upto 2.5kw when combined with the KERS CoolBoost

NO - Centralized Systems
NO - Metering Required
NO - Overheating in corridors due to long pipe runs

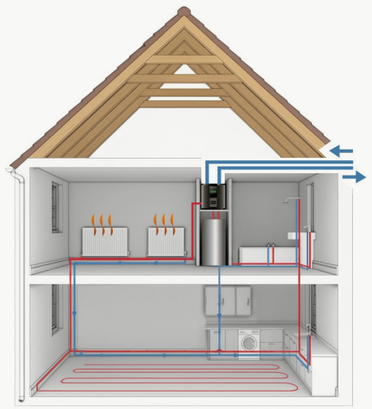
A highly efficient low carbon hot water and heating solution mounted internally saving space, energy and any planning permission hassle.

GREAT BENEFITS

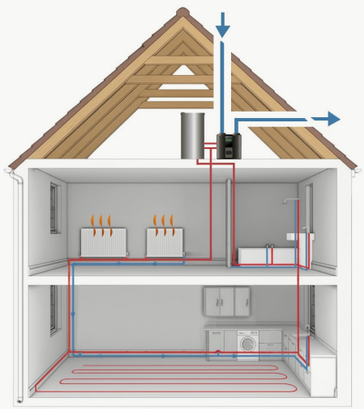
- Low Carbon Hot Water + Space Heating
- Mounted Internally NOT Outside
- Monoblock System
- No Planning Required
- Low Energy
- Ideal Retrofit For New Build



Kitchen Installation



Utility Cupboard



Attic Installation

KERS INDOOR MONOBLOCK

- Fits internally
- Requires no planning
- Simple installation
- Ideal retrofit

TRADITIONAL EXTERNAL HEAT PUMP

- Unsightly on the exterior wall
- Requires planning
- Complicated pipe runs for retrofit
- Costly installation

RM INDOOR MONOBLOCK HEAT PUMP

HOT WATER + SPACE HEATING + COOLING

BOOK A DEMO





SPECIFICATIONS

MONOBLOCK AC TYPE		Wall Mounted Indoor Monoblock	
MODEL		KERS-RM30	KERS-RM25
Type		Indoor Monoblock Heat Pump	
Control type		Integral Controller	
Heating Capacity A7W35 +7°c	kW	3	2.5
Heating Capacity A7W35 -7°c	kW	2.7	2.4
COP A7W35 +7°c		3.9	3.8
COP A7W35 -7°c		2.50	2.45
Electrical Data			
Power Supply		220-240V~/50Hz/1P	
Operating current	A	3.98	3.91
Power consumption	Heating W	754	736
Refrigerating System			
Refrigerant type/Charge		R290/0.45kg	
Compressor	Type Rotary	DC Inverter	
Ducting Size	mm	200	150
Fan Type		DC Fan Motor	
Connections			
Connecting Wiring	Core x Size	3×1.5mm²	
Expension device		Electronic expansion valve	
Water Connection Sizes	DN	DN20	
Operation temperature range	°c	Heating water temperature: 21-60 °c ; Hot water temperature: 30-60 °c	
Ambient Temperature	°c	-15~43	
Dimensions WxHxD	mm	620x520x715	
Net weight	kg	73	
Packing dimensions WxHxD	mm	745x595x860	
Gross weight	kg	87	

* 5 YEAR WARRANTY SUBJECT TO ANNUAL SERVICE AGREEMENT *

High Efficiency Energy Savings

A highly efficient indoor heat pump that operates as a stand alone heat pump header that can be installed into any space

KERS

PANEL HEAT PUMP AC SYSTEM (PHP)

COOLING + HEATING + DEHUMIDIFICATION

The KERS PHP System is an all in one solution designed to provide both Heating and Cooling within properties, targeting overheating whilst increasing SAPS due to the high COP in both Heating and Cooling. Suitable for all large residential projects, private, BTR, PBSA, hotels, extensions, conservatories, holiday and individual homes.

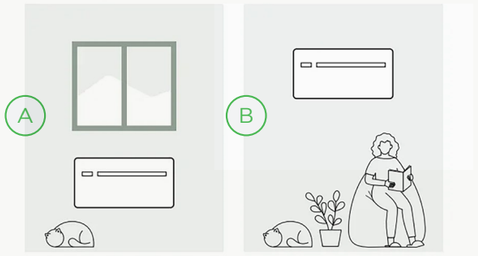
MOUNTED INTERNALLY

NO EXTERNAL CONDENSER CO_2



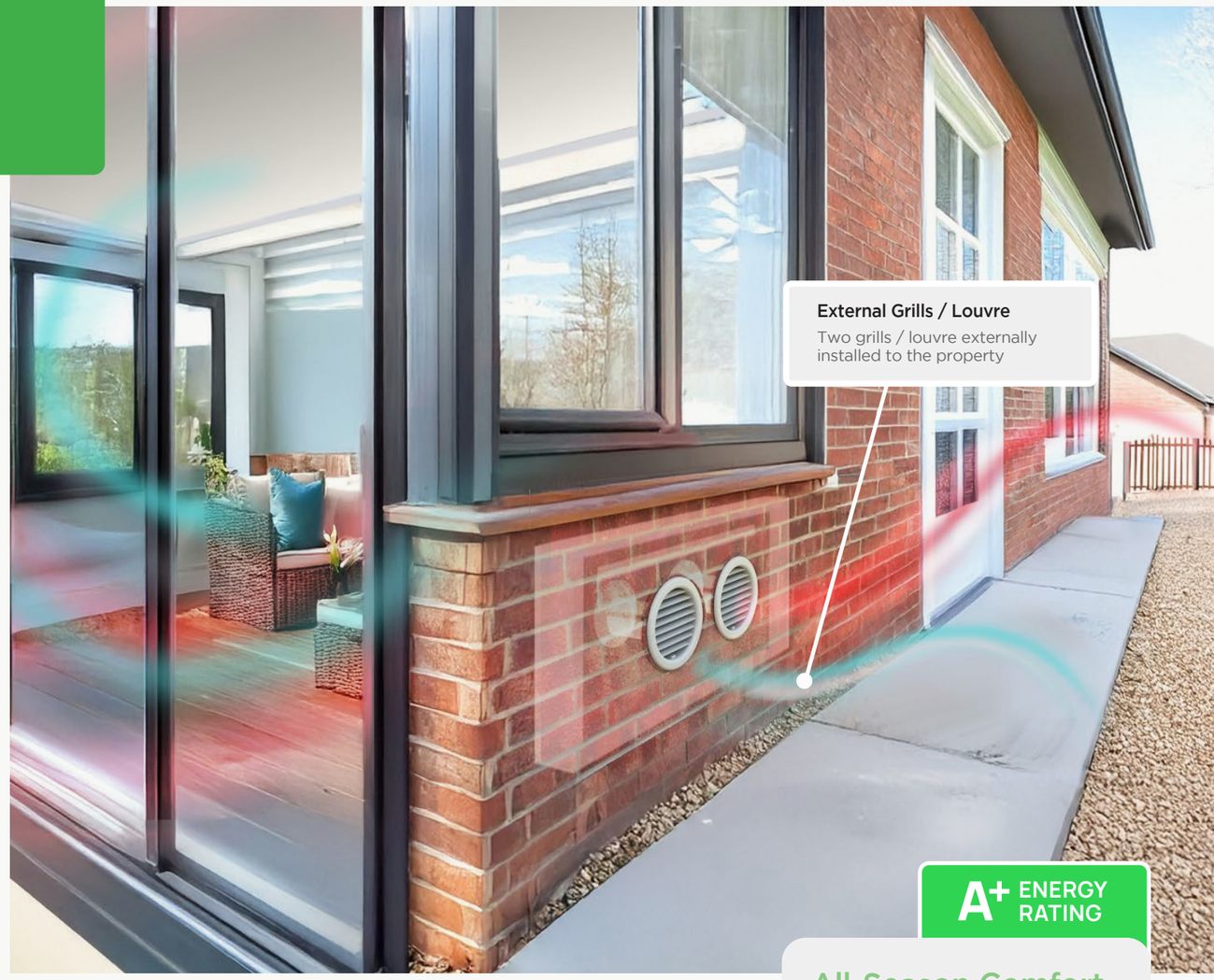
THE SLIMLINE ALL IN ONE SYSTEM

The KERS system delivers efficient 3-in-1 all-season operation, providing cooling, heating, and dehumidification from one compact, slimline unit. Designed for simple wall-mounted installation, the system requires no external outdoor unit, making it an ideal solution for properties where external compressors are restricted or where planning and aesthetic considerations are important.



Low-level Installation

High-level Installation



A+ ENERGY RATING

All-Season Comfort

Reliable heating and cooling even in extreme temperatures.

Consumer Touch Panel



ENERGY EFFICIENCY

- **EER 3 (cooling)**
- **COP 3.1 (heating)**
- Powered by advanced heat pump technology that lowers running costs

SMART CONTROL SYSTEM

- Built-in Wi-Fi
- Smartphone App Control
- Auto Mode
- 24-Hour Timer
- Economy Mode
- Backlit Touchscreen Panel

Perfect For Every Living Space

High Efficiency Energy Savings

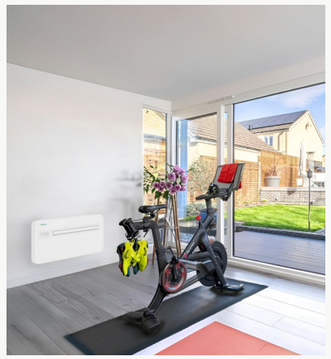
The KERS PHP System provides both Heating and Cooling all year round at low costs due to its incredible 3.1 COP Efficiency. Fully Part O compliant removing overheating issues, saving energy, saving money.

- Removes requirement for Centralised Plant
- Removes requirement for Panel Heaters
- No electric heater required at low temperatures

Ultra-Silent Operation

Ultra-Silent Performance
Only 25 dB(A)
Enjoy peace and quiet with Silent Mode — perfect for bedrooms, offices, garden rooms, and holiday accommodation.













SIMPLE INSTALLATION

- No external unit
- No specialist refrigeration engineer needed
- High-level or low-level installation
- Suitable for new builds, extensions, modular installations or retrofits

COMPLIANCE

- Fully Part O compliant
- Helps reduce overheating in modern properties
- Supports EPC improvements through low energy consumption

PANEL HEAT PUMP AC SYSTEM (PHP)

COOLING + HEATING + DEHUMIDIFICATION

BOOK A DEMO



SPECIFICATIONS

* 2 YEAR WARRANTY - PARTS ONLY *

MODEL		PHP 800W	PHP 1400W	PHP 1900W
Control type		remote controller	remote controller	remote controller
Cooling Capacity	W	800(150~900)	1400(200~1500)	1700(250~1800)
Est Room Sizing Cooling Capacity	SQM	12	16.5	22
Heating Capacity	W	800(200~950)	1450(250~1600)	1750(300~1900)
Est Room Sizing Heating Capacity	SQM	20	25	30
EER	W/W	3.0	3.1	3.1
SCOP	W/W	3.1	3.2	3.2
Moisture removal	Liters/h	0.6	1	1.3
Indoor sound pressure(H/M/L/Mute)	dB(A)	35/30/25	35/30/25	36/32/28
Electrical Data				
Power Supply		220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
Operating current	Cooling A	1.2(0.5~1.5)	2.1(0.6~2.4)	2.5(1.2~2.8)
Operating current	Heating A	1.2(0.5~1.6)	2.1(0.6~2.5)	2.6(1.3~2.9)
Power consumption	Cooling W	268(100~135)	455(120~520)	548(150~620)
Power consumption	Heating W	265(110~350)	450(130~550)	546(160~640)
Refrigerating System				
Refrigerant type/Charge		R290/0.3kg	R290/0.15kg	R290/0.23kg
Compressor		DC Inverter		
Indoor air circulation Cooling/heating	m^3/h	200/250	250/300	350/400
Indoor fan type		Cross-flow fan	Cross-flow fan	Cross-flow fan
Outdoor fan type		Centrifugal fan	Centrifugal fan	Centrifugal fan
Connections				
Connecting Wiring	Core x Size	3×1.5mm²	3×1.5mm²	3×1.5mm²
Expension device		Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Operation temperature range	°c	16-31	16-31	16-31
Ambient temp	°c	-15~43	-15~43	-15~43
Dimensions WxHxD	mm	620x505x163	650x505x163	720x545x164
Net weight	kg	30	35	35

* SUGGESTED GUIDE LINES ONLY *
Est Room Sizing Cooling + Heating - A FULL HEAT IN A RETROFIT BASED ON NORMAL INSULATION LEVELS AND CONFORMATION OF HEAT LOSS DESIGN
* NOTE *
HEATING HAS ELECTRIC BOOST FACILITY FOR COLDER CONDITIONS

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KERS Adaptive Heating. Pioneering the future of low-carbon homes.

KERS Adaptive Heating Technologies leads the transition to sustainable, low-carbon living for both new builds and existing homes. Our innovative systems support specifiers, consultants, housebuilders, housing providers, and architects in modernising housing stock by replacing fossil fuel–dependent heating with efficient, eco-friendly alternatives.

We deliver advanced technologies that cut carbon emissions, improve energy efficiency, and future-proof homes for evolving energy needs. KERS is committed to making the shift to greener, sustainable heating simple and accessible across the housing industry.

KERS®
ENERGY RECOVERY