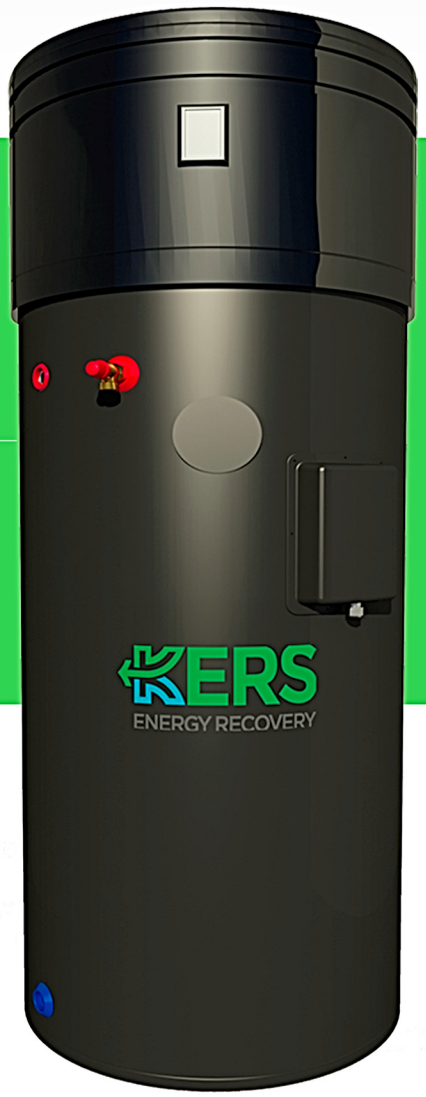
KERS® ENERGY RECOVERY

A+ Energy Rating



KERS
The Weatherby indoor heat pump

Hot Water - Heat Recovery

The eco-friendly Kers Weatherby 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.

350% efficient
As recorded in SAP

KERS MONOBLOCK Heat Pump is an all in one hot water solution

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
- Compact design to reduce space loss

FEATURES

- Low energy only 560W
- High output 2010W
- Available in 160, 230 and 300L
- High efficiency ECQ fan motor
- High efficiency rotary compressor
- Super quiet running
- Helps achieve compliance of building regs part L
- User friendly controls, anti legionella, holiday and weekly timer functions
- Adaptable with the KERS cooling module (KERS COOLBOOST) delivering up to 1.6KW of cooling (to address overheating Issues)

APPLICATIONS

- Residential
- Commercial
- Apartments

USES

- Hot water
- Cooling (Part O building regulations).

HEATERLESS DESIGN: WHY IS IT A BIG DEAL?

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

HIGH EFFICIENCY 350%

INCREDIBLE EFFICIENCY AND SAVINGS

For Every 1KW of energy consumed, our Kers system can produce up to 4.5KW of thermal energy.

GUARANTEED TO LAST - 5 YEAR WARRANTY

Our 5 year warranty ensures that with a quick annual checkup, you are guaranteed peace of mind for five years.

TRADITIONAL HEAT PUMPS

1. Only operates to 55°C with immersion top up.
2. Uses immersions.
3. Complicated and expensive installation.
4. External condenser causes planning and noise issues.

KERS WEATHERBY INDOOR HEAT PUMP

1. High temperature water output 65°C.
2. Heaterless design requires no immersions.
3. Simple installation.
4. No external condenser means no planning or noise issues.

Approved by the Building Research Establishment.
TUV & SAP registered.
Compliant with part L of building regulations.

WRAS Water Regulations Advisory Scheme · SAP · bre

W160

W230

W300

SPECIFICATIONS

* 5 YEAR WARRANTY SUBJECT TO ANNUAL SERVICE AGREEMENT *			
Model	**W160**	**W230**	**W300**
	Below calculations based on 55°C according to EN16147		
Tank Volume	160	230	300
Heating Capacity (W)	2010	2010	2010
Max Power Input	560w	560w	560w
COP (EN255/3)	4,5	4,5	4,5
COP (EN16147)	3.5	3.5	3.5
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 (Without Immersion)	70℃	70℃	70℃
Refrigerant	R134A	R134A	R134A
Electrical Heater Optional (W)	3000	3000	3000
Duct Minimum Diameter (mm)	150mm/220mm x 90mm	150mm/220mm x 90mm	150mm/220mm x 90mm
Max Pressure (Pa)	See fan spec	See fan spec	See fan spec
Airflow rate (Minimum) l/sec	80	80	80
Corrosion Protection	Vacuum Enameled	Vacuum Enameled	Vacuum Enameled
Weight (kg)	105	120	130
Dimensions (mm) H x Diameter	1494 x 668	1638 x 668	1888 x 668

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