

ECOMOD HEAT PUMP

14 & 18kW



Suitable for
commercial
properties



Quiet noise level as
low as 68 dB(A)**



Low environmental
impact



Highly efficient:
COP up to 4.85***

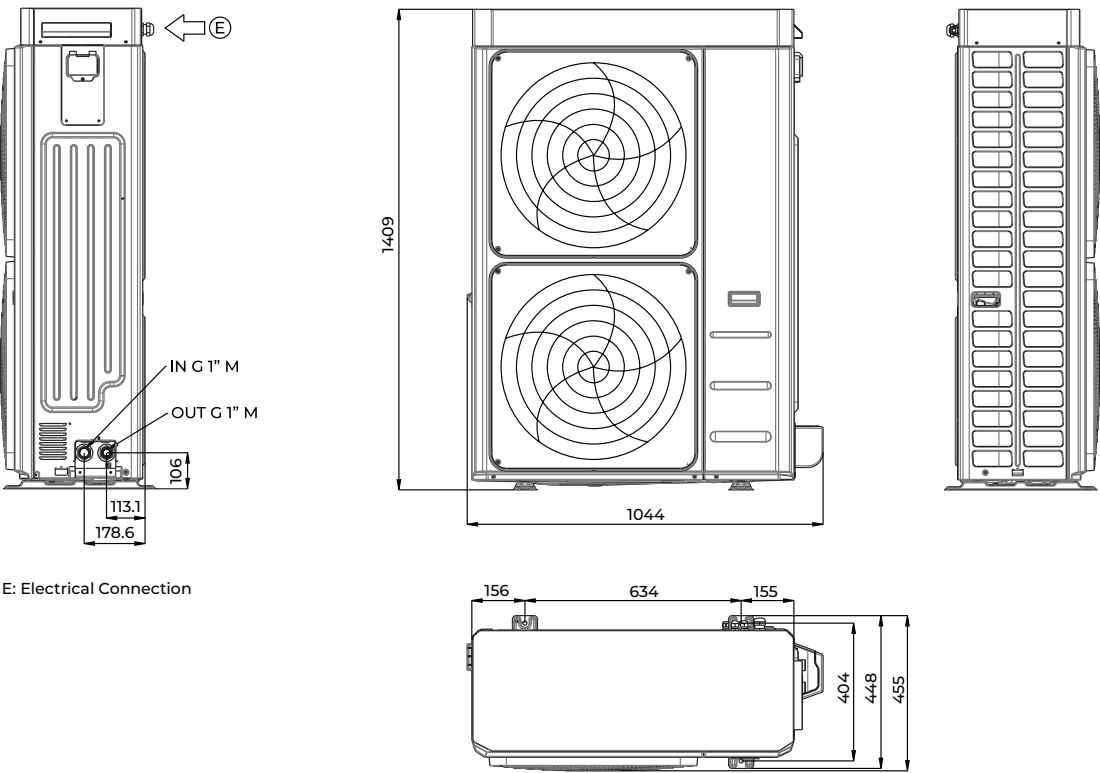


Features & specification

- Monobloc air source heat pump
- Single unit with the refrigeration cycle contained within the outdoor unit
- Inverter controlled compressor to accurately match the heat demand
- Low global warming potential due to the use of R32 refrigerant
- Highly efficient with co-efficiency of performance (COP) rating up to 4.85
- Light and compact unit for ease of installation and delivery
- Suited to larger installations - cascade systems to achieve higher output
- 2-year warranty (extended to 5 years if commissioned by Ideal Heating)
- Gold Fin anti-corrosion coating as standard
- Combine with Ideal industry leading boilers for a hybrid heating system



We are committed to delivering the highest level of customer service. With more than 100 years' experience in the heating industry, we know how important confidence and trust are to our customers.



E: Electrical Connection

Note: All dimensions in mm unless otherwise stated.

Installation clearances:

FRONT	REAR	LEFT	RIGHT	TOP	BOTTOM
1500	400	400	500	500	50

Side clearance of 1000mm when used in cascade.
The outdoor unit must be raised by at least 50mm from the ground.

ECOMOD HEAT PUMP 14 & 18kW
TECHNICAL SPECIFICATIONS

GENERAL		14kW (1 Phase)	14kW (3 Phase)	18kW
Heat Pump Space Heating [35°C]	ErP rating	A+++	A+++	A+++
	SCOP	4.48	4.48	4.46
Heat Pump Space Heating [55°C]	ErP rating	A++	A++	A++
	SCOP	3.31	3.31	3.36
Heating (A7/W35)	Capacity (kW)	14.1	14.1	17.96
	Power Input (kW)	2.91	2.91	4.07
	COP***	4.85	4.85	4.4
Air Temperature Range	Min/Max (°C)	(-20 +40)	(-20 +40)	(-20 +40)
	Power Level dB(A)**	68	68	68
Sound Data Outdoor Unit	Pressure Level at 1m dB(A)#	53	53	53
	Heating Flow (")	1	1	1
Pipework Connection Sizes	Heating Return (")	1	1	1
	Width (mm)	1044	1044	1044
Dimensions Outdoor Unit	Depth (mm)	455	455	455
	Height (mm)	1409	1409	1409
	Weight	121	136	141
Electrical Data	Electrical Supply (v)	240	415	415
	Phase	Single	Three	Three
	Max Running Current (Amp)	29.2	9.7	12.2
	Fuse Rating (Amp)	32	25	25
Refrigerant Charge	R32 (kg)	3.2	3.2	3.5

ACCESSORIES AND OPTIONS

	Required	Optional extras
Control unit (available for cascade and additional heating circuits, and are optional where no BMS is present)		✓
Flexible hoses		✓
Anti-vibration rubber feet		✓
Anti-corrosion coating (for installations close to the sea)		✓

Terms and conditions apply.
*2 year warranty extended to 5 years if commissioned by Ideal Heating. **68dB(A) is the rated sound power level of the Ecomod 14kW-18kW, refers to a fully loaded unit at standard nominal conditions in accordance with EU Regulation 813/2013. #Sound pressure: value calculated from the sound power level using the standard UNI EN ISO 3744:2010. ***Efficiency Co-efficient of Performance (COP) rated at EN14825 test conditions Water 35°C, Air 7°C.
Every effort has been taken to ensure the details are accurate. Ideal Heating does not, however, guarantee the accuracy or completeness of any information nor does it accept liability for any errors or omissions in the information. Ideal Heating reserves the right to make changes and improvements which may necessitate alteration to product specification without prior notice.



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