

ECOMOD 290HT NATURAL REFRIGERANT HEAT PUMP

65kW



Suitable for
commercial
properties



Ultra-low GWP



High temp
up to 70°C



Quiet noise level as
low as 86.4dB(A)**



Highly efficient:
COP up to 4.6***

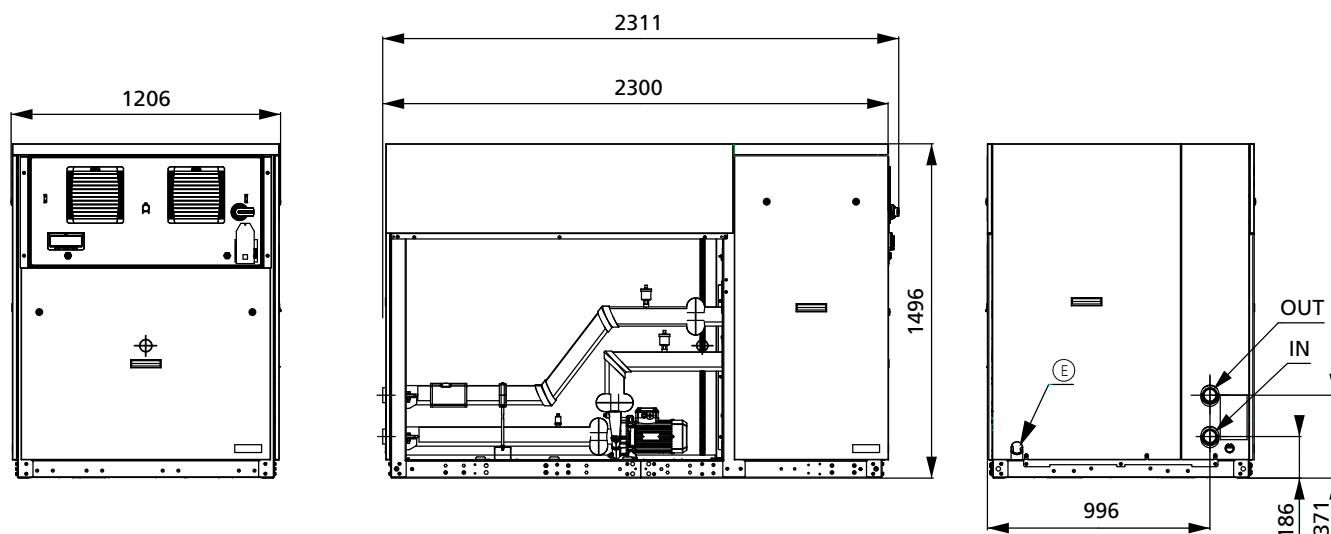


Features & specification

- Free commissioning
- Monobloc air source heat pump
- High flow temperature, perfect for DHW production
- Quiet noise level as low as 86.4dB(A)**
- Single unit with the refrigeration cycle contained within the outdoor unit
- Ultra-low global warming potential of 3 due to the use of R290 natural refrigerant
- Integral control unit included, optional control units are available for cascade and where no BMS is present
- Highly efficient with coefficient of performance (COP) rating up to 4.6***
- Suited to larger installations - cascade systems to achieve higher output
- 2 year warranty (extended to 5 years if commissioned by Ideal Heating)
- Combine with Ideal industry market 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.



Installation clearances ECOMOD 65kW:

FRONT	REAR	LEFT	RIGHT	TOP	BOTTOM
1000mm	800mm	800mm	1000mm	N/A	50mm

Side clearance of 1500mm when used in cascade.
The outdoor unit must be raised by at least 50mm from the ground.
All measurements in mm unless otherwise stated.

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TECHNICAL SPECIFICATIONS



GENERAL

		65kW
Heat Pump Space Heating [35°C]	ErP rating	A++
	SCOP	4.08
Heat Pump Space Heating [55°C]	ErP rating	A++
	SCOP	3.32
Heating (A7/W35)	Capacity (kW)	63.9
	Power Input (kW)	13.9
	COP***	4.6
Maximum Flow Temperature	Max (°C)	70
Air Temperature Range	Min/Max (°C)	(-20 +40)
Sound Data Outdoor Unit	Power Level dB(A)**	86.4
	Pressure Level at 1m dB(A)#	78.4
Pipework Connection Sizes	Heating Flow (")	2
	Heating Return (")	2
Minimum Water Volume	Litres (l)	850
Dimensions Outdoor Unit	Width (mm)	2300
	Depth (mm)	1206
	Height (mm)	1496
Weight	kg	770
	Electrical Supply (v)	400
Electrical Data	Phase	Three
	Max Running Current (Amp)	70
	Fuse Rating (Amp)	75
Refrigerant Charge	R290 (kg)	4.35
GWP (Global Warming Potential)		3

ACCESSORIES AND OPTIONS

	Included	Optional
Integral controller †	✓	
Flexible hoses		✓
Anti-vibration rubber feet		✓
Exogel antifreeze kit		✓
Side grille / guard	✓	

Terms and conditions apply.

* 2 year warranty extended to 5 years if commissioned by Ideal Heating. ** 86.4dB(A) is the rated sound power level of the Ecomod 290HT 65kW, the sound levels refer to a fully loaded unit at standard nominal conditions according to EN 12102:2022. *Sound pressure: value calculated from the sound power level in condition (9) using the standard UNI EN ISO 3744:2010. *** Efficiency Coefficient of Performance (COP) rated at EN14825 test conditions Water 35°C, Air 7°C.

† Optional control units are available for cascade and where no BMS is present.

ECOMOD 290HT models all represent the output at Air 7°C & Water 35°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.



Sales:

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Calls cost no more than calls to geographic numbers (01 or 02) and will be included in any inclusive minutes you have with your telephone service provider.

Technical Help:

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