

COMMERCIAL

# ECOMOD HEAT PUMP

50 & 70kW

5

YEAR WARRANTY\*

A+

ErP A+

84  
dB(A)

Quiet Noise Level  
up to 84dB(A)\*\*

4.02  
COP

Highly efficient:  
COP up to 4.02\*\*\*



Suitable for  
commercial  
properties

R32  
REFRIGERANT

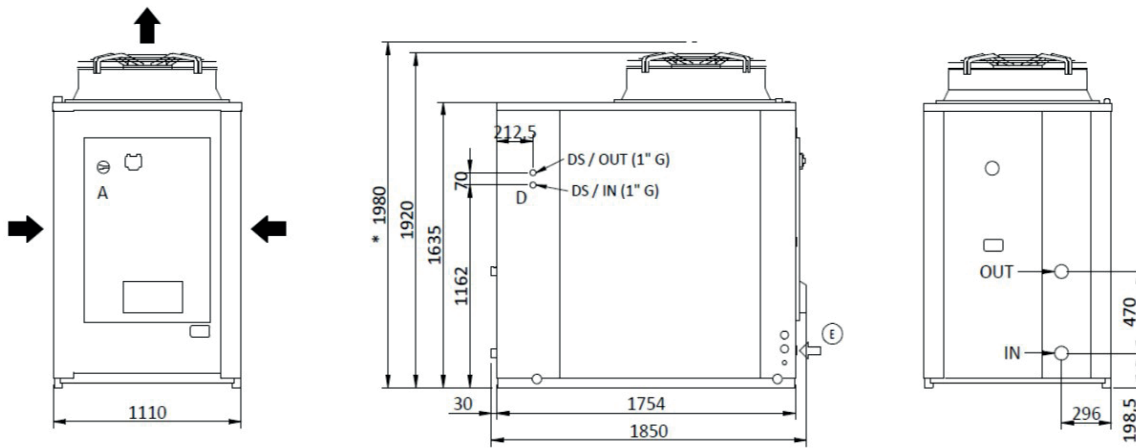
Low environmental  
impact

# 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 4.02
- Suited to larger installations - cascade up to seven units from external controller (sold separately)
- 2-year warranty (extended to 5 years if commissioned by Ideal Heating)
- Blue 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

## Installation clearances:

FRONT	REAR	LEFT	RIGHT	TOP
500	500	1200	1200	1500

Side clearance of 2200mm when used in cascade

# ECOMOD HEAT PUMP 50 & 70kW

## TECHNICAL SPECIFICATIONS

### GENERAL

		50kW	70kW
Heat Pump Space Heating [35°C]	ErP rating	A+	A+
	SCOP	4.3	4.1
Heat Pump Space Heating [55°C]	ErP rating	A+	A+
	SCOP	4.08	3.72
Heating (A7/W35)	Capacity (kW)	50.4	66.8
	Power Input (kW)	10	16.6
	COP***	4.01	4.02
Air Temperature Range	Min/Max (°C)	(-25 +30)	(-25 +30)
Sound Data Outdoor Unit	Power Level dB(A)**	83	84
Primary Flow Rate	(l/Sec)	1.95	3.19
Pipework Connection Sizes	Heating Flow (")	1 1/2	1 1/2
	Heating Return (")	1 1/2	1 1/2
Dimensions Outdoor Unit	Width (mm)	1850	1850
	Depth (mm)	1110	1110
	Height (mm)	1920	1920
Weight	kg	545	600
	Electrical Supply (v)	415	415
Electrical Data	Phase	Three	Three
	Max Running Current (Amp)	48	63
	Fuse Rating (Amp)	32	32
Refrigerant Charge	R32 (kg)	9.5	12

### ACCESSORIES AND OPTIONS

	Required	Optional extras
Control unit (sold separately)	✓	
Flexible hoses		✓
Anti-vibration rubber feet		✓
Anti-corrosion (for installations close to the sea)		✓
Ducted model (for installations inside a building)		✓

Terms and conditions apply.

\* 2 year warranty extended to 5 years if commissioned by Ideal Heating. \*\* 83dB(A) is the rated sound pressure level of the Ecomod 50kW, Ecomod 70kW is rated at 84dB(A), the sound levels refer to a fully loaded unit at standard nominal conditions in accordance with EU Regulation 813/2013. \*\*\* 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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**EXPERTS IN  
HEATING**