

ideal
HEATING

COMMERCIAL

ECOMOD HEAT PUMP

50 & 70kW



Suitable for
commercial
properties



Quiet noise level as
low as 82 dB(A)**



Low environmental
impact



Highly efficient:
COP up to 4.11***

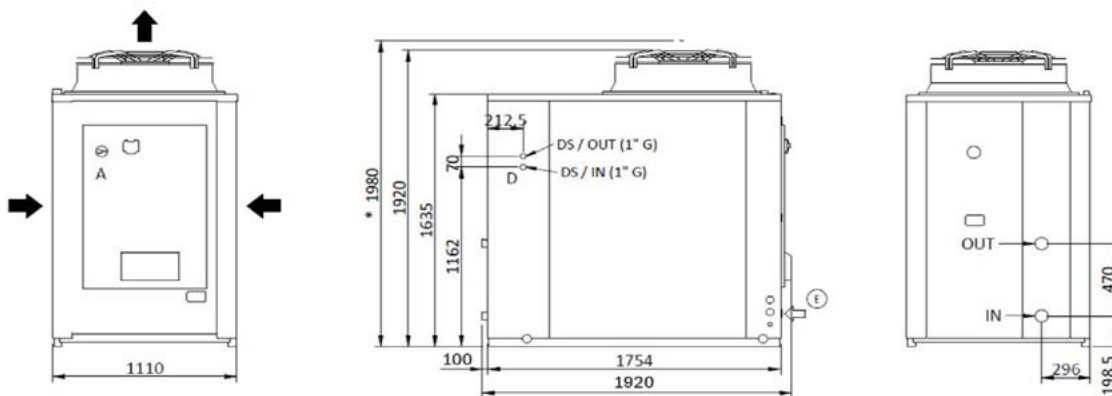


Features & specification

- 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 4.11
- Suited to larger installations - cascade systems to achieve higher output
- 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	BOTTOM
1500	1500	1200	1000	1500	50

Side clearance of 2200mm when used in cascade.
The outdoor unit must be raised by at least 50mm from the ground.

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TECHNICAL SPECIFICATIONS

GENERAL

		50kW	70kW
Heat Pump Space Heating [35°C]	ErP rating	A++	A++
	SCOP	4.16	3.94
Heat Pump Space Heating [55°C]	ErP rating	A+	A+
	SCOP	3.08	3.04
Heating (A7/W35)	Capacity (kW)	50.2	66.8
	Power Input (kW)	12.2	16.3
	COP***	4.11	4.1
Air Temperature Range	Min/Max (°C)	(-20 +40)	(-20 +40)
Sound Data Outdoor Unit	Power Level dB(A)**	82	83
Pipework Connection Sizes	Heating Flow (")	1 1/2	1 1/2
	Heating Return (")	1 1/2	1 1/2
Dimensions Outdoor Unit	Width (mm)	1920	1920
	Depth (mm)	1110	1110
	Height (mm)	1920	1920
Weight	kg	535	595
	Electrical Supply (v)	415	415
Electrical Data	Phase	Three	Three
	Max Running Current (Amp)	54	70
	Fuse Rating (Amp)	63	100
Refrigerant Charge	R32 (kg)	8.5	12

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. ** 82dB(A) is the rated sound pressure level of the Ecomod 50kW, Ecomod 70kW is rated at 83dB(A), the sound levels refer to a fully loaded unit at standard nominal conditions according to EN 12102-1:2013. *** 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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