



# Logic Air.

## MONOBLOC AIR SOURCE HEAT PUMP



Designed for the UK climate



364 days a year UK customer service



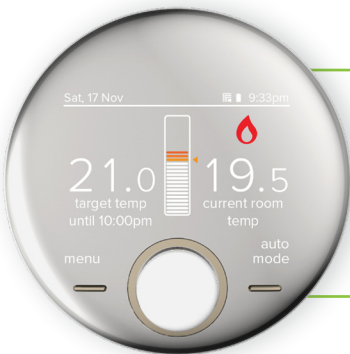
Quiet Mark certified



SCOP rating up to 519%\*



Hot water in sunshine, rain, ice and snow



HALO  
AIR



# The Logic Air.

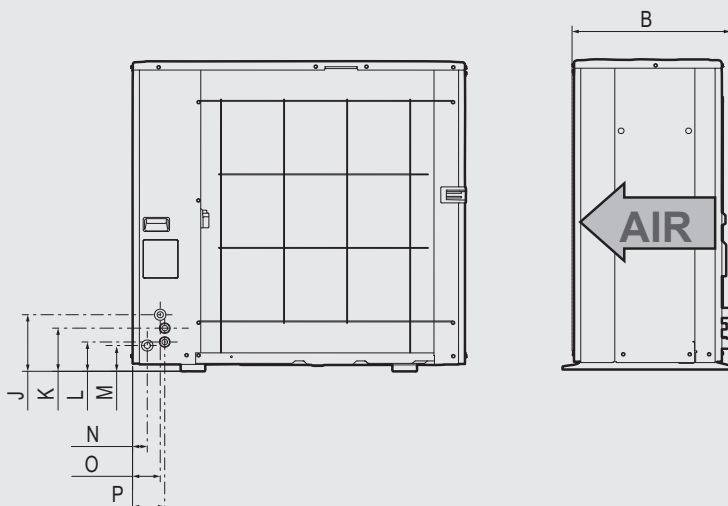
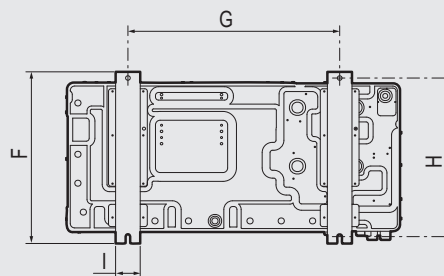
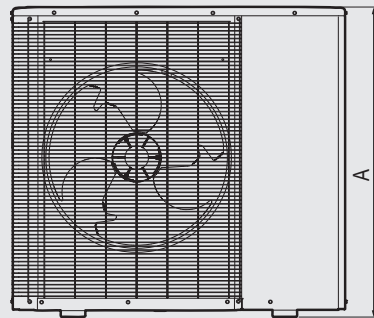
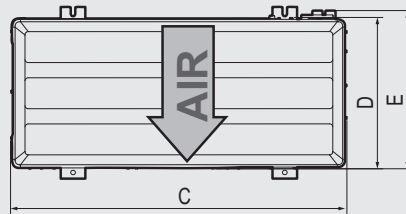
The Logic Air heat pump range is our new range of monobloc heat pumps, offering great efficiencies both in heating and hot water. The Logic Air is designed to deliver efficient, simple and reliable low carbon heating in homes throughout the UK.

Taking the learnings from the award winning Logic boiler, the Logic Air heat pump integrates seamlessly with UK homes, partnered with our best in class pre-plumbed hot water cylinder and our connected Halo Air room thermostat, the Logic Air is quick to install, easy to commission and simple to use.

Our new heat pumps are supported by our industry leading customer service and warranty team which is based in the UK and is open 364 days a year, providing customer service and technical support.

## DIMENSIONS

	4kW & 5kW	8kW & 10kW
A	798	1008
B	518	518
C	1095	1095
D	499	499
E	518	518
F	558	558
G	688	688
H	516	516
I	80	80
J	184	184
K	140	140
L	95	95
M	84	84
N	48	48
O	90	90
P	103	105



## KEY FEATURES



Quiet operation



Highly efficient: SCOP up to 5.19\*



Compatibility: radiator and underfloor heating systems



Intuitive control: smart weather compensating controls



Low carbon refrigerant: zero ozone depletion and low global warming potential



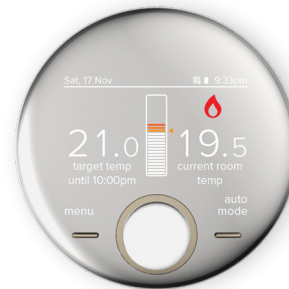
Smart grid and solar PV compatible



Monobloc technology enables easy installation and servicing



Domestic hot water: hot, efficient and fast re-heat times with the Ideal heat pump cylinder range



## HALO AIR

The Halo Air heat pump programmable room thermostat has a simple to use modern design with intelligent control.

- Simple, connected, and easy to use heat pump thermostat
- Remote control and remote diagnostics via mobile app
- Connected and non-connected options
- Time and temperature zone control

### 4 models:

- Halo Air RF Single Zone [234819](#)
- Halo Air RF Two Zone [234791](#)
- Halo Air Wi-Fi Single Zone [234790](#)
- Halo Air Wi-Fi Two Zone [234792](#)

# Technical Specification.

		Logic Air 4kW	Logic Air 5kW	Logic Air 8kW	Logic Air 10kW	
Ideal Product Code		AH750664	AH750665	AH750666	AH750667	
MCS Certification No.		KIWA 00027/024 HP	KIWA 00027/023 HP	KIWA 00027/021 HP	KIWA 00027/022 HP	
Heat Pump Space Heating [35°C]*	ErP Rating	A+++	A+++	A+++	A+++	
	$\eta_s$	195	200	203	205	
	SCOP (EN14825)	4.96	5.07	5.16	5.19	
Heat Pump Space Heating [55°C]*	ErP Rating	A++	A++	A++	A++	
	$\eta_s$	136	143	145	146	
	SCOP (EN14825)	3.48	3.65	3.7	3.73	
Heating [A 7°C / W 35°C]*	Capacity (kW)	4.0	5.0	8.2	10.3	
	Power Input (kW)	0.75	0.97	1.58	2.1	
	COP	5.34	5.0	5.19	4.9	
Heating [A 7°C / W 55°C]*	Capacity (kW)	4.0	5.0	8.2	10.3	
	Power Input (kW)	1.33	1.64	2.67	3.42	
	COP	3.00	3.04	3.07	3.01	
Sound Power Level (EN 12102 - 1)	35°C	db(A)	52	52	55	55
	55°C	db(A)	52	52	55	55
Pipework Connection Sizes	Heating F/R (mm)	28mm	28mm	28mm	28mm	
Dimensions Outdoor Unit (mm)	Width	1095	1095	1095	1095	
	Depth	521	521	518	518	
	Height	798	798	1008	1008	
Weight (kg)	Outdoor Unit	86	86	110	110	
Electrical Data	Electrical Supply (50 Hz)	230v	230v	230v	230v	
	Phase	Single Phase	Single Phase	Single Phase	Single Phase	
Refrigerant Charge (kg)*	R32	0.88	0.88	1.47	1.47	
Certification	EN 14511:2018, EN 14825:2016, EN 12102 - 1:2022					

\*Performance data in accordance with EN 14825 : 2016, EN 12102-1 :2022, EN 14511 : 2018. The energy efficiency provided may not correspond to the actual energy once installed in a building, as the efficiency is influenced by other factors such as heat loss in the distribution system and the capacity of the products in relation to building size and characteristics.

**INVESTMENT IN STATE-OF-THE ART TRAINING CENTRES**

At Ideal we offer training at 16 locations throughout the UK alongside our unique mobile roadshow events. Our full time expert training managers offer a wide range of comprehensive courses, which can be customised to individual installation and service companies.

To support our UK wide training we have opened our first national training centre of excellence. With an investment of over £2m in state of the art heat pump training courses and equipment.

**TRAINING LOCATIONS**

**OUR TRAINING CENTRES ARE ACCREDITED FOR BPEC AND CITY AND GUILDS.**

Since 2012 we have invested over £10m, providing free or low-cost training to heating installers across the UK and Ireland.



**SUPPORT**



**Design Enquiries**

[design.enquiries@idealheating.com](mailto:design.enquiries@idealheating.com)



**Training**

[enquiries@expertacademy.co.uk](mailto:enquiries@expertacademy.co.uk)

**01482 498660**



**Customer Service**

**01482 498660**

**Technical Help Line**

**01482 498663**

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