



HP290.

MONOBLOC AIR SOURCE HEAT PUMP



Designed for the UK climate



364 days a year UK customer service



Low GWP R290 Refrigerant



SCOP rating over 500%*



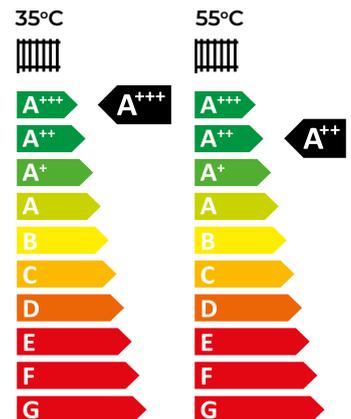
Hot water in sunshine, rain, ice and snow



Temperatures up to 75°C



HALO LITE RF



HP290.

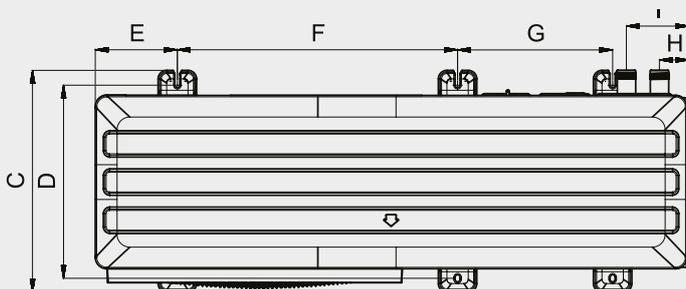
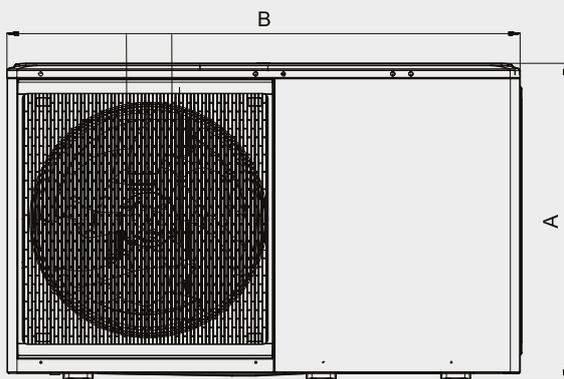
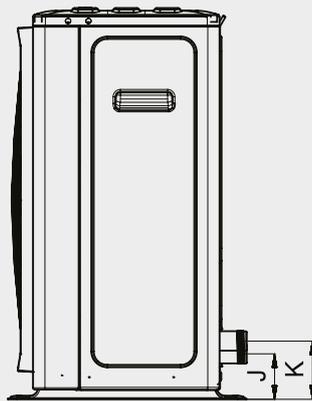
The HP290 monobloc heat pump offers a low-GWP refrigerant with high efficiencies.

The HP290 can provide efficient heating and hot water throughout the year by utilising our pre-plumbed and pre-wired cylinder. The system offers our users an aesthetically pleasing heating solution with a modern design and colour, and when paired with Halo Lite RF, a great user experience.

Our 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

	4.5kW & 6kW	8kW - 14kW
A	717	865
B	1299	1385
C	426	523
D	375	456
E	121	192
F	644	656
G	379	363
H	71	68
I	161	145
J	91	100
K	91	129



KEY FEATURES

-  Low GWP R290 Refrigerant
-  Highly efficient: SCOP over 500%*
-  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
-  Flow temperatures up to 75°C

Technical Specification.

		HP290 4.5kW	HP290 6kW	HP290 8kW	HP290 10kW	HP290 12kW	HP290 14kW
Ideal Product Code		241486	241487	241488	241489	241490	241491
MCS Certified		Yes	Yes	Yes	Yes	Yes	Yes
Heat Pump Space Heating [35°C]*	ErP Rating	A+++	A+++	A+++	A+++	A+++	A+++
	η_s	199	192	199	183	182	180
	SCOP (EN14825)	5.07	4.89	5.07	4.67	4.63	4.59
Heat Pump Space Heating [55°C]*	ErP Rating	A++	A++	A++	A++	A++	A++
	η_s	148	149	149	141	141	139
	SCOP (EN14825)	3.79	3.82	3.82	3.62	3.61	3.57
Heating [A 7°C / W 35°C]*	Capacity (kW)	4.5	6.2	10	12	14	15
	Power Input (kW)	0.87	1.27	2.13	2.5	3.11	3.41
	COP	5.15	4.9	4.7	4.8	4.5	4.4
Heating [A 7°C / W 55°C]*	Capacity (kW)	4.6	6.2	9.5	12	14	15
	Power Input (kW)	1.44	2	3.12	3.87	4.67	5.26
	COP	3.2	3.1	3.05	3.1	3.0	2.85
Sound Power Level [†]	dB(A)	56	58	61	65	65	69
Pipework Connection Sizes	Heating F/R	1" BSP	1" BSP	1 1/4" BSP	1 1/4" BSP	1 1/4" BSP	1 1/4" BSP
Dimensions Outdoor Unit (mm)	Width	1299	1299	1385	1385	1385	1385
	Depth	426	426	523	523	523	523
	Height	717	717	865	865	865	865
	Volume m ³ (Unpackaged)	0.327	0.327	0.495	0.495	0.495	0.495
Weight (kg)	Outdoor Unit	90	90	117	135	135	135
Electrical Data	Electrical Supply (50 Hz)	230v	230v	230v	230v	230v	230v
	Phase	Single Phase	Single Phase	Single Phase	Single Phase	Single Phase	Single Phase
Refrigerant Charge (kg)*	R290	0.7	0.7	1.1	1.25	1.25	1.25
Certification	EN 14511:2018, EN 14825:2018, EN 12102-1:2022						

*Performance data in accordance with EN 14825 : 2016, EN 1210, 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

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tips that can be accessed via a smart phone, our Expert Academy provides a wide range of installer training options.

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