



AERONA 290

OUR 5TH GENERATION HEAT PUMP

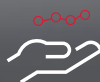


FOR THE DESIGN

Energy efficient
R290 refrigerant

Ultra low
noise levels

Modern styling
& colourway



FOR THE PERFORMANCE

Outputs from
4kW – 15.5 kW

Rated at
Air -5°C Water 55°C

Remote monitoring
& management



FOR THE PEACE OF MIND

Performs from
-25°C to +35°C

7 year
product guarantee*

Design & on-site
technical support

FOR THE NEXT GENERATION



**FREE AERONA
290 TRAINING
ENQUIRE HERE**

GRANTUK.COM

*T&C's Apply

TECHNICAL DATA

			HPR2904	HPR29065	HPR2909	HPR29012	HPR290155
HEATING CAPACITY		A-5W55 (kW)	4.10	6.76	9.21	12.00	15.57
COP			2.48	2.27	2.31	2.22	1.90
BS EN 14511	HEATING CAPACITY	A7W35 (kW)	4.09	7.62	9.38	12.18	16.16
	COP		4.99	4.95	4.93	4.81	4.72
	HEATING CAPACITY	A7W55 (kW)	4.36	7.23	9.30	12.21	16.33
	COP		3.19	3.00	3.11	3.22	2.87
	ErP RATING (35°C/55°C) HEATING		A+++/A++	A+++/A++	A+++/A++	A+++/A++	A+++/A++
RATED AIR FLOW (m³/h)			2300	2650	3350	4050	4050
PRESSURE DROP (Bar)			0.25	0.39	0.38	0.38	0.40
REFRIGERANT			R290	R290	R290	R290	R290
GWP			3	3	3	3	3
MASS OF R290 REFRIGERANT (kg)			0.61	0.83	1.00	1.20	1.65
SOUND POWER LEVEL dB(A) (BS EN12102-1)			48	52	54	52	53
QUIET MARK			YES	YES	YES	YES	YES
SOUND PRESSURE LEVEL (Q=2)	1m dB(A)	40	44	46	44	45	
	3m dB(A)	31	34	36	34	35	
WATER CONNECTIONS			1" BSP	1" BSP	1" BSP	1" BSP	1" BSP
WEIGHT (KG)	EMPTY	99	115	131	153	180	
	FULL	102	117	133	157	184	
HEIGHT (mm)			803	854	854	1365	1365
WIDTH (mm)			1155	1223	1223	1155	1155
DEPTH (mm)			422	461	461	425	425
OPERATING AMBIENT TEMPERATURE RANGE SPACE HEATING (°C)			-25 to 35	-25 to 35	-25 to 35	-25 to 35	-25 to 35
OPERATING AMBIENT TEMPERATURE RANGE HOT WATER (°C)			-25 to 43	-25 to 43	-25 to 43	-25 to 43	-25 to 43
OPERATING FLOW TEMPERATURE RANGE SPACE HEATING (°C)			25 to 75	25 to 75	25 to 75	25 to 75	25 to 75
OPERATING FLOW TEMPERATURE RANGE HOT WATER (°C)			20 to 70	20 to 70	20 to 70	20 to 70	20 to 70
DNO CONNECTION TYPE			C & N	C & N	C & N	C & N	C & N

TECHNICAL DATA

ELECTRICAL		HPR2904	HPR29065	HPR2909	HPR29012	HPR290155
VOLTAGE (V)		230	230	230	230	230
PHASE		1	1	1	1	1
FREQUENCY (Hz)		50	50	50	50	50
MAX CURRENT (A)		8.3	12.8	16.8	24.8	29.3
MCB		16A Type B	16A Type B	20A Type B	32A Type B	32A Type B
MAX RUNNING CURRENT (A)		8.3	12.8	16.8	24.8	29.3
POWER SUPPLY CABLE* (mm²)	MIN	4.0**	4.0**	6.0	6.0	6.0
	MAX	6.0	6.0	10.0	10.0	10.0

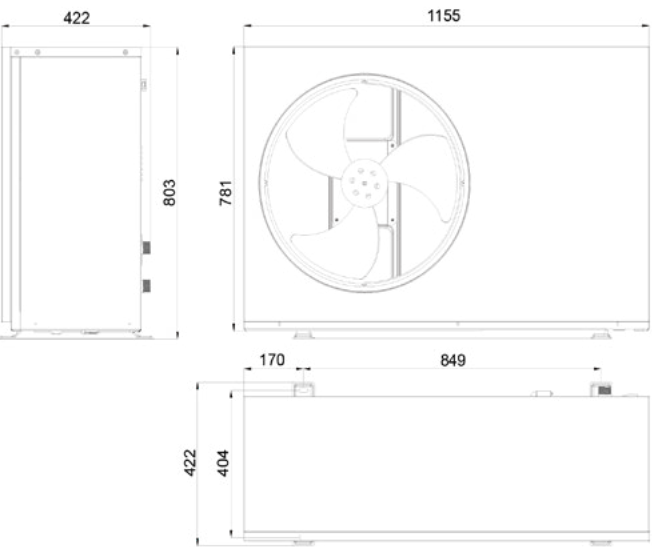
* Power cable should be sized by a qualified electrician in accordance with current wiring regulations.

** Final connection from Isolator switch (Suitable smaller cable size can be used up to the isolator)

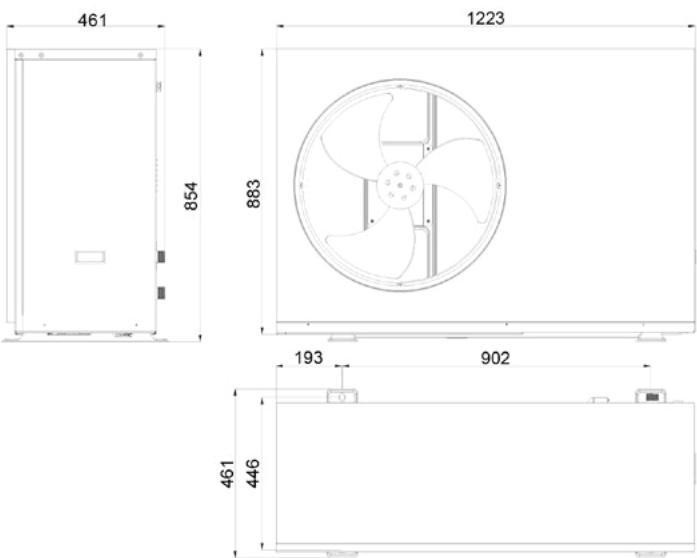
SYSTEM VOLUME	HPR2904	HPR29065	HPR2909	HPR29012	HPR290155
MIN MODULATING OUTPUT (kW)	1.25	2.40	2.51	3.20	4.63
MIN SYSTEM VOLUME (L)	6.25	12.0	12.55	16.0	23.15
RECOMMENDED SYSTEM VOLUME (L)	25.0	48.0	50.2	64.0	92.6

DIMENSIONS

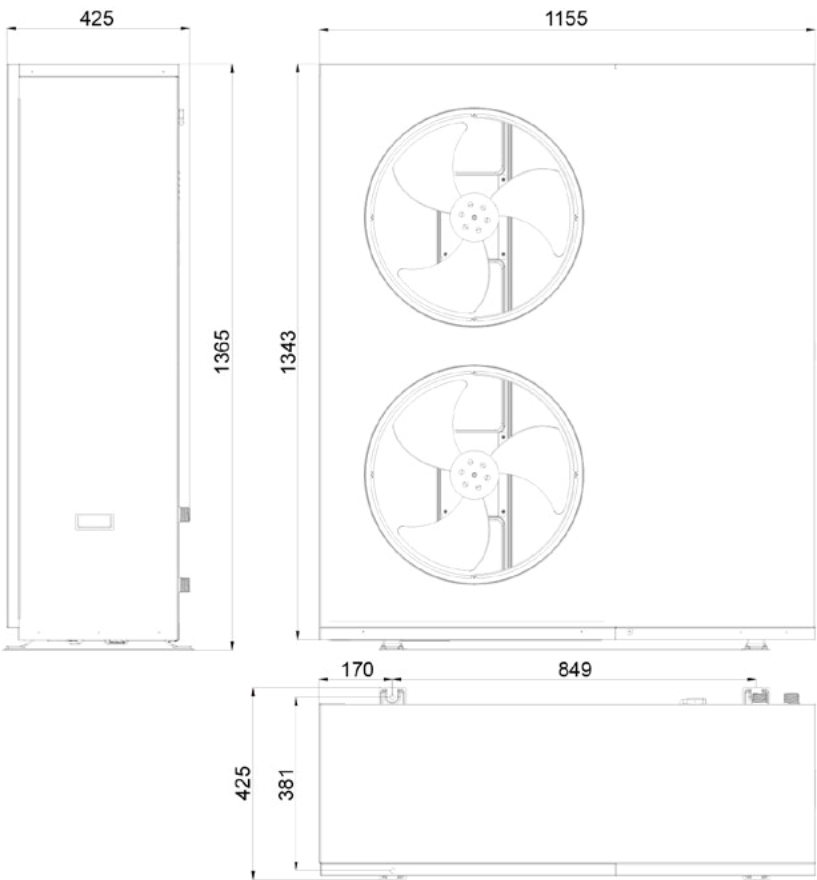
4kW



6.5kW & 9kW



12kW & 15.5kW



Grant Engineering (UK) Ltd
info@grantuk.com www.grantuk.com