



AERONA R290

THE NEXT GENERATION HEAT PUMP

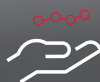


FOR THE DESIGN

Energy efficient
R290 refrigerant

Ultra low
noise levels

Modern styling
& colourway

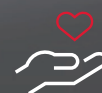


FOR THE PERFORMANCE

Outputs from
4kW - 16kW

Rated at
Air -5°C Water 55°C

Remote monitoring
& management



FOR THE PEACE OF MIND

Performs from
-25°C to + 35°C

5 year
product guarantee*

Design & on-site
technical support

FOR THE NEXT GENERATION



FREE AERONA
R290 TRAINING
ENQUIRE HERE

GRANT.IE

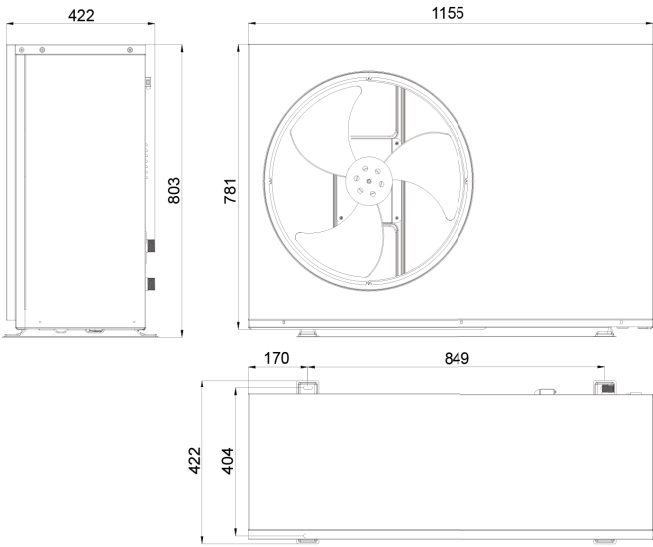
*T&C's Apply

TECHNICAL DATA

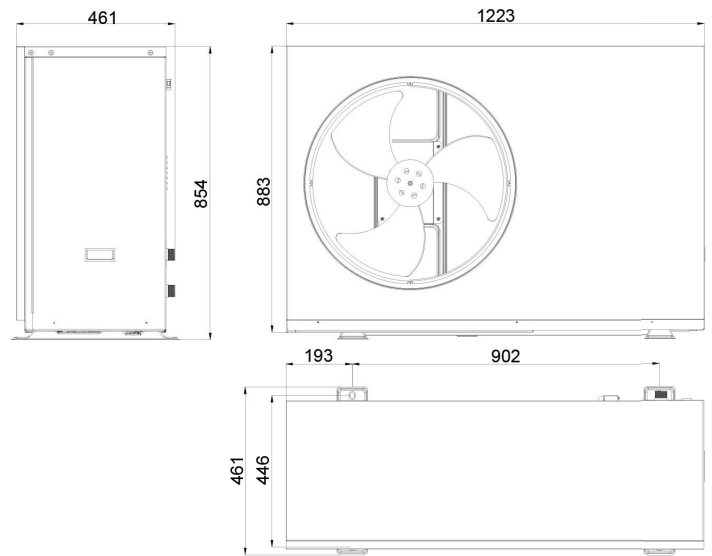
		HPR290i40	HPR290i65	HPR290i90	HPR290i120	HPR290i160
Heating capacity (BS EN 14511 – air: 7°C / water: 35°C)	kW	4.09	7.62	9.38	12.18	16.16
COP (BS EN 14511 – air: 7°C / water 35°C)	-	4.99	4.95	4.93	4.81	4.72
Heating capacity (BS EN 14511 – air: -5°C / water: 55°C)	kW	4.10	6.76	9.21	12.00	15.57
COP (BS EN 14511 – air: -5°C / water 55°C)	-	2.48	2.27	2.31	2.25	1.90
SCOP average climate conditions (BS EN 14825 at 35°C)	-	4.67	4.88	4.57	4.68	4.50
Heating capacity (BS EN 14511 – air: 7°C / water: 55°C)	kW	4.36	7.23	9.30	12.21	16.33
COP (BS EN 14511 – air: 7°C / water 55°C)	-	3.19	3.00	3.11	3.22	2.87
SCOP average climate conditions (BS EN 14825 at 55°C)	-	3.48	3.53	3.63	3.70	3.29
ErP rating (low temperature: 35°C / 55°C) – heating	-	A+++ / A++				
Minimum Modulation	kW	1.25	2.40	2.51	3.20	4.63
Rated Air Flow	m ³ /h	2300	2650	3350	4050	4050
Total Fan Input Power	W	100	170	170	200	200
Refrigerant system pressure (minimum/maximum)	MPa	0.3 to 3.5				
Refrigerant	-	R290				
GWP	-	3				
Mass of R290 Refrigerant	kg	0.61	0.83	1.00	1.20	1.65
Circulating pump	m head	9	9	9	9	9
Water connections	BSPF	1"	1"	1"	1"	1"
Maximum water pressure	bar	3				
Maximum water temperature	°C	75				
Operating temperature range (space heating)	°C	-25 to 35				
Operating temperature range (DHW)	°C	-25 to 43				
Water drain	-	Hose nipple				
Pressure relief valve water circuit	bar	3				
Water flow rate	litres/min	10 to 20	10 to 35	10 to 35	10 to 50	10 to 50
Operating flow temperature (space heating)	°C	25 to 75				
Operating flow temperature (DHW)	°C	20 to 70				
Sound power level (BS EN12102-1)	dB	48.00	51.70	53.60	52.00	52.90
Sound Pressure level (Q=2)	1m db	40.02	43.71	45.61	44.01	44.91
Sound Pressure level (Q=2)	3m db	30.47	34.17	36.07	34.47	35.37
QuietMark	-	Yes	Yes	Yes	Yes	Yes
Height	mm	803	854	854	1365	1365
Width	mm	1155	1223	1223	1155	1155
Depth	mm	422	461	461	425	425
Weight (empty)	kg	99	115	131	153	180
Weight (full)	kg	102	117	133	157	184
Water content	litres	1.60	1.90	2.10	4.0	4.0
Energy Monitoring	-	Yes	Yes	Yes	Yes	Yes

DIMENSIONS

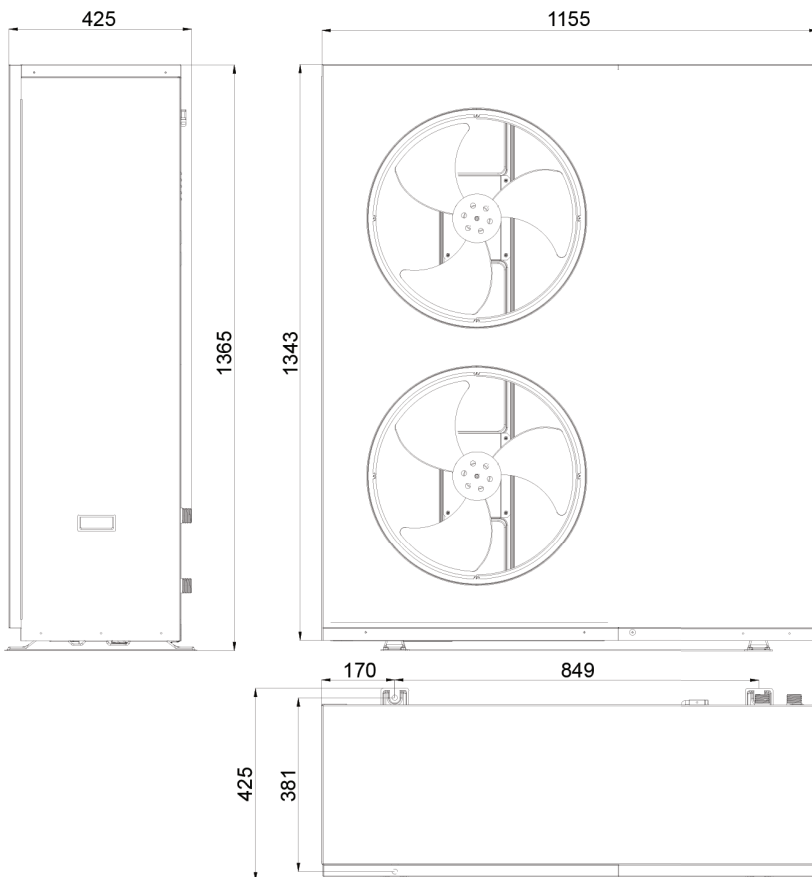
4kW



6.5kW & 9kW



12kW & 16kW





Preview the
Aeron R290
here

▶ SCAN &
WATCH

