

R290 DC Inverter Air Source Heat Pump

Environmentally Friendly

R290 refrigerants boast low Global Warming Potential (GWP), reducing their impact on the planet.

Hot Water Temperature of 70°C

Warmth's R290 heat pumps reach an industry-leading maximum operating temperature of 70°C.

Durable Compressor

At the heart of our heat pumps is a robust compressor, built to endure tough conditions. It operates efficiently even in temperatures as low as -25°C.



Max COP Ratio

Experience an excellent Coefficient of Performance (COP) ratio for maximum efficiency.

SG Ready Feature – PV compatible

Harness the power of the sun with SG Ready compatibility. Our heat pumps are built for seamless integration with solar systems.

5-Year Unit Warranty

Our comprehensive 5-year warranty is a testament to the confidence we place in our unit's reliability.



Low GWP
R290 Refrigerant



Durable
Compressor



High
Efficiency



5 Year Unit
Warranty



Smartlife
Control



Smart Grid
Ready

R290 Heating & Cooling & DHW Monoblock DC Inverter Heat Pump



			Single Phase			Three Phase	
Model			WNZ09-290	WNZ15-290	WNZ22-290	WNZ15-290-3	WNZ22-290-3
Size			9 kW	15 kW	22 kW	15 kW	22 kW
Rated voltage / Frequency			220-240V~/50(60)Hz			380-415V/3N~/50/60Hz	
Heating ¹ 7/35	Capacity	kW	2.92-9.10	4.30-15.20	7.24-21.90	4.30-15.20	7.24-21.90
	Input Power	kW	0.61-2.11	0.87-3.73	1.50-5.88	0.87-3.73	1.50-5.88
	Input Current	A	2.80-9.25	4.02-16.38	6.86-30.25	1.78-6.04	2.82-9.16
Heating ² 7/55	Capacity	kW	2.99-8.16	4.25-14.55	6.36-19.45	4.25-14.55	6.36-19.45
	Input Power	kW	1.03-2.92	1.45-4.28	2.15-6.85	1.45-4.28	2.15-6.85
	Input Current	A	4.57-12.79	6.71-18.80	9.84-30.12	2.84-6.78	3.71-10.60
Cooling 35/7	Capacity	kW	1.38-5.70	3.65-11.04	4.55-17.20	3.65-11.04	4.55-17.20
	Input Power	kW	0.67-2.44	1.12-3.97	1.85-7.31	1.12-3.97	1.85-7.31
	Input Current	A	3.06-10.27	5.18-17.44	8.47-32.1	1.97-6.30	2.99-11.26
SCOP (Water Temp. At 35°C)			4.98	4.90	4.91	4.90	4.93
SCOP (Water Temp. At 55°C)			3.84	3.86	3.94	3.86	3.93
Rated Input Power		kW	3.5	5.40	7.50	5.85	10.5
Rated Input Current		A	15.0	25.0	35.0	10.0	17.0
CO ₂ Equivalent		/	0.0017t	0.0027t	0.0042t	0.0027t	0.0042t
Max. Outlet Water Temp.		°C	75	75	75	75	75
Noise Level		dB(A)	48	50	55	50	55
Net Dimensions (L×W×H)		mm	1187×418×805	1287×448×904	1187×448×1456	1287×448×904	1187×488×1456

Rated Test Conditions:

Heating¹ : Ambient Temp 7 °C/6°C (DB/WB), Water-In/Out Temp 30°C/35°C

Heating²: Ambient Temp 7 °C/6°C (DB/WB), Water-In/Out Temp 47°C/55°C

Cooling: Ambient Temp 35°C/24°C(DB/WB), Water-In/Out Temp 12°C/7°C