WARMEO

HOME HEATING SOLUTIONS



WAO EVO

R290 monobloc
Air-to-Water Heat Pump

MADE IN EUROPE

R290

PV READY

SG Ready
Smart Heat Pumps

WAO EVO | THE R290 HEAT PUMP

Up to 100% heating capacity at -7°C

DESIGNED AND DEVELOPED IN FRANCE

ASSEMBLED IN ITALY

For accurate system sizing

A high-temperature R290 monobloc air-to-water heat pump for new builds and renovation projects.

FULL-INVERTER	QUIET	CONNECTED	EXTREME COLD SYSTEM

35°C to 75°C

Water flow temperature

Compatible with underfloor heating and existing radiators

-25°C to +45°C

Outdoor temperature

Efficient in all seasons

R290

Natural refrigerant

Low environmental impact



Heating

Cooling

Domestic hot water (DHW)

Included

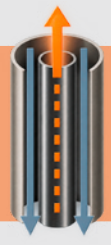
- Grundfos circulation pump
- Gas separator
- 5-year compressor warranty
- 2-year spare parts warranty

ETAS > 140%

across the entire range

Heating Booster Injection (HBI)

An additional high-performance heat exchanger maintains heating capacity in extreme cold weather conditions.



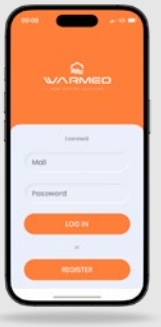
A CONNECTED ECOSYSTEM
designed for installers and end users



WAO EVO



Remote display



Mobile App

WARMEO CONNECT

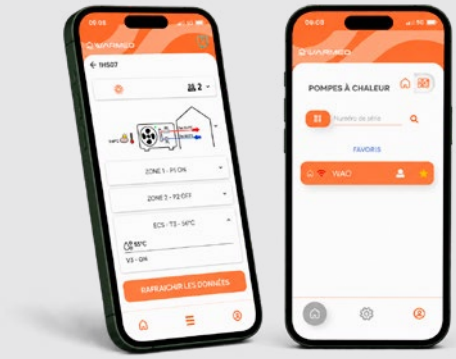
Two dedicated apps to control and monitor installations remotely

PRO APP

Monitor your installed fleet

Diagnostics and troubleshooting

Real-time alerts



USER APP

Heating and DHW control

Temperature settings

Energy consumption monitoring

GET IT ON Google Play

Download on the App Store

WARMEO AFTER SALES • PROACTIVE MAINTENANCE

Remote monitoring and technical support via the Technicenter

+33 4 87 64 98 15

sav@warmeo.com

UP TO 7 YEARS OF WARRANTY

Parts and labour covered from the commissioning date for complete peace of mind.

Up to 7 YEARS of WARRANTY



TECHNICAL SPECIFICATIONS

A range designed for every project

R290

		WAO-06-EVO	WAO-08-EVO	WAO-12-EVO WAO-12T-EVO	WAO-16-EVO WAO-16T-EVO	WAO-18T-EVO
Seasonal efficiency (1) - SCOP Energy class	35 °C	211 % - 5.36 A+++	204 % - 5.17 A+++	196 % - 4.98 A+++	194 % / 4.92 A+++	193 % / 4.90 A+++
Seasonal efficiency (1) - SCOP Energy class	55 °C	156 % - 3.99 A+++	151 % - 3.84 A+++	151 % - 3.84 A+++	142 % - 3.62 A++	155 % - 3.95 A+++
Operating range (outdoor temp.)	°C	-25 to +45				
Min./max. water flow temperature	°C	+7 to + 75				
		Air +7 °C / Water +35 °C				
Heating capacity*	kW	6,5	8,12	11,96	16,21	18
Nominal COP	-	4,75	4,92	4,33	4,31	4,62
		Air +7 °C / Water +55 °C				
Heating capacity*	kW	6	8,11	12,11	15,51	17,6
Nominal COP	-	3,15	3,01	2,73	2,95	3,08
		Air -7 °C / Water +35 °C				
Heating capacity**	kW	7.10	9.32	11,5	14.74	16.58
COP	-	3,31	3,29	3	2.78	2.83
		Air -7 °C / Water +55 °C				
Heating capacity**	kW	6,50	9,11	11,01	12,82	14,77
COP	-	2,21	2,19	2,25	2,08	2,14
		Air -10 °C / Water +35 °C				
Heating capacity**	kW	6,22	8,05	10,02	12,57	14,62
COP	-	3,07	2,85	2,77	2,57	2,64
		Air -10 °C / Water +55 °C				
Heating capacity**	kW	5,61	8	9,59	11,04	12,87
COP	-	2	2,04	2,07	1,92	1,98
		Air +35°C / Water +7°C				
Cooling capacity	kW	5,70	8,11	11,04	13,51	17,20
Energy Efficiency Ratio (max)	-	3,20	3,15	3,00	3,05	2,98
Power Supply	V - Hz	230 V - 50 Hz		230 V - 50 Hz 400 V - 50 Hz		400 V - 50 Hz
Circuit breaker and cable size	A - mm²	D16 - 3G2,5	D25 - 3G2,5	D32 - 3G6 D16 Tetra – 5G1.5	D32 - 3G6 D16 Tetra – 5G1.5	D20 Tetra – 5G2.5
R290 refrigerant	kg	0,85	0,90	1,00	1,15	1,40
Noise levels (2)	dB(A)	37	36	35	44	
Sound power levels (3)	Lw(A)	59	58	56	66	65
Hydraulic connexions	ø	G1'' - DN25				
Nominal water flow	m³/h	1	1,37	2.06	2,75	3,1
Dimensions (W × D × H)	mm	1270 x 460 x 955			1490 x 500 x 1005	1190 x 500 x 1515
Net weight	kg	140	145	195		215

*Nominal heating capacity **Maximum heating capacity

(1) According to Ecodesign Directive 2009/125/EC, ErP Regulation 813/2013 and energy labelling Regulation 811/2013. (2) Directivity 2, ground-mounted, at a distance of 5 m, according to EN 12102 under EN 14825 conditions. (3) According to EN 12102-1.

Technical specifications and product design subject to changes. Valid for mainland France only. General terms and conditions of sale, warranty and services are available at warmeo.com.

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