



# WARMEO

— HOME HEATING SOLUTIONS —



## WAO

Elegance and  
performance



## An elegant, reversible heat pump that provides heating, cooling and domestic hot water.

WAO is a **high-performance**, single-package air/water heat pump capable of maintaining a flow temperature of 70°C and operating at outdoor temperatures down to -25°C. It has an integrated circulator and auxiliaries for simplified installation. In addition, its **R290 gas** operation is environmentally neutral. The appliance is designed to combine performance with low noise levels, making this heat pump a safe, long-lasting choice.

## BENEFITS

- Defrosting by cycle inversion
- Refrigerant compressor preheating
- Deep-cooling system with antifreeze tray

### Full Inverter

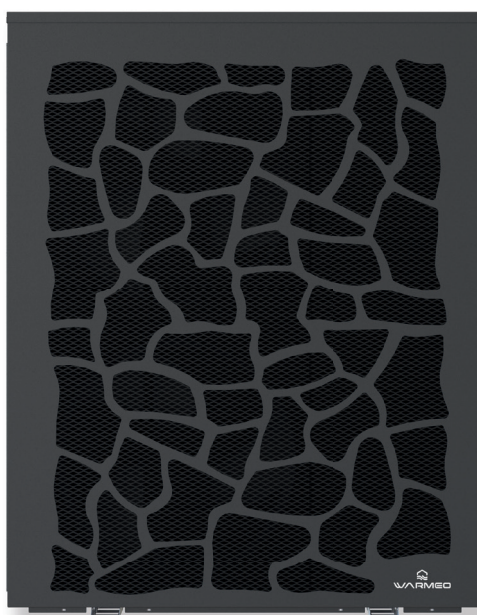
«2D» Full DC Twin-Rotary Inverter compressor and variable speed fan

### Soft start

No current peaks on the electrical network on start-up

### 25 - 100%

Speed variation



### Smart Defrost

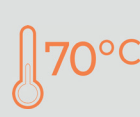
The machine adjusts its defrosting according to its last cycle

### Silence

Thanks to its Inverter compressor and variable-speed fan motor

### -25°C

Minimum operating temperature



## RLB 100

- LCD display
- Management of different operating modes
- Setting the water temperature
- Heating curve selection
- Weekly program
- Outdoor temperature sensor included
- Made in France

### 2 regulation modes available

- Constant temperature
- Heating curve according to outdoor temperature

## 6 functions



Heating



Heating + DHW



Cooling



Cooling + DHW



Domestic Hot Water (DHW)



Heating + cooling + DHW



Anti-legionella mode (DHW)



Daily, weekly and holiday programming

## Included in the outdoor unit

- Wilo or Grundfos circulation pump
- Plate heat exchanger

- Water flow sensor / «Calorimeter»
- Electric heater backup



## Option

- Second zone management
- Boiler back-up management
- Remote domestic hot water management
- Additional backup resistor

- Customisable colours
- OperTherm radio thermostat











## WARRANTY

3 years warranty on parts for guaranteed peace of mind.





		WAO-05	WAO-07	WAO-12	WAO-14T
Power (l) (+7°C outside, 35°C water) min - nom - max	kW	3.10 - 4.20 - 6.7	4.50 - 4.60 - 9.50	7.00 - 7.10 - 12.03	8.10 - 8.20 - 16.60
Power input (l) (+7°C out, 35°C water)	kW	0.78	1.03	1.79	1.97
COP (l) (+7°C out, 35°C water, acc. to EN14511)	-	5.36	6.04	5.19	5.36
Seasonal performance / SCOP (2) (35°C water)	% / -	189 / 4.81 	191 / 4.85 	188 / 4.76 	187 / 4.74 
Seasonal performance / SCOP (2) (55°C water)	% / -	141 / 3.59 	143 / 3.65 	140 / 3.56 	137 / 3.5 
Power -7°C out, ( 35°C water) / ( 55°C water)	kW	4.35 / 3.88	6.33 / 5.73	10.92 / 7.27	11.32 / 9.89
Max power / nominal EER (l) (+35°C out, 18°C water)	kW / -	5.4 / 4.55	7.90 / 3.93	10.10 / 3.5	12.3 / 3.93
Operating range (T° out)	°C	-25 à +43			
Starting water temperature min / max	°C	+7 / +70			

#### OUTDOOR UNITS

Reference		IHS05-S0	IHS07-S0	IHS12-S0	IHS14T-S0
Dimensions Width x Depth x Height	mm	1010 x 370 x 700	1201 x 374 x 847	1200 x 374 x 950	1147 x 405 x 1458
Sound pwer level (3) / Sound pressure (4)	dB(A)	54 / 26	54 / 26	56 / 28	56 / 28
Net weight	kg	110	120	122	166
Compressor		Full Inverter			
Refrigerant type / Weight / CO2 equivalent	- / kg / t	R290 / 0.6 / 0.0018	R290 / 0.7 / 0.0021	R290 / 0.9 / 0.0027	R290 / 1.5 / 0.0045
Hydraulic connection (Filté)	Inch	G1"			
Flow min - max heat pump	m3/h	0.75 - 1.26	0.94 - 1.66	1.23 - 2.45	1.8 - 3.10
Integrated flowmeter / calorimeter		Yes	Yes	Yes	Yes
Minimum water volume heat pump (35/55°C water)	L	40/30	50/40	80/65	100/80
ELECTRICAL POWER SUPPLY		230 v - 1P + N + T			380 v - 3P + N + T
Electrical protection EU / EU power supply cable section	A / mm²	D16 / 3G2.5		D20 / 3G4	D10 / 5G1,5
Integrated electric auxiliary power (recommended/maximum setting)	kW	4 / 6			6/9
Integrated auxiliary electrical protection (recommended/maximum auxiliary setting)	A	C20 / C32			C16
Integrated booster power supply cable section (recommended/maximum backup setting)	mm²	3G4 / 3G6			5G1.5

#### RLB 100

Reference		WARLB100
LCD Display		Yes
Direct / mixed second zone management		Yes, optional
Domestic hot water production management		Yes, optional
Type of additional back-up managed		Electric and/or boiler option
Wireless remote thermostat compatible / zone		Yes, optional
Compatible heating zone circulator	A / V	2A MAX / 230 v - 1P + N + T
Type of installation		Wall-mounted
Dimensions Width x Depth x Height	mm	250 x 115 x 360
Net empty weight	kg	2
ELECTRICAL POWER SUPPLY		230 v - 1P + N + T
Electrical protection / Cable section section	A / mm²	C10 / 3G1.5
EU communication cable section	mm²	2 X 0.75 (type LiYY, EKKX shielded with braid)

(1) According to EN14511:2013, taking defrosting into account where applicable. (2) According to Eco-design directive 2009/125/EC and ErP batch 1 813/2013 and labelling batch 1 811/2013 regulations. (3) According to EN12102. (4) In anechoic chamber.

Subject to technical or design modifications. The general terms and conditions of sale, warranty and service are available on [warmeo.com](http://warmeo.com)