

HEAT PUMP AIR-WATER MONOBLOC FOR DHW

WATER DELIVERY
TEMPERATURE UP TO 70° C
WITH COMPRESSOR ONLY





New Monobloc for DHW production only in **R290**

The Termal monobloc is the new innovative R290 heat pump, environmentally friendly and ready for the technological changes of the future.

It offers maximum energy efficiency and is perfect both for meeting the requirements for new buildings and for use in renovations thanks to the delivery temperature of 70°C achieved with the compressor alone.

Installation must take place scrupulously following current regulations.

Monobloc for DHW production only in R290

- DHW up to 70° C compressor only
- Refrigerant gas R290
- Circulation pump included
- Expansion vessel (5L) included
- Anti-legionella cycle
- External temperature range -25~45°C
- SG Ready
- Touch Screen color wired control included

INTEGRATED
Wi-Fi



TWMB 9000 J

TWMB 16000 J

Energy class



SMART GRID
Reading of the electricity
network trend, guaranteed
energy savings

EN 16147 certification
from a third-party
laboratory accredited
by TUV Sud



Model		TWMB 9000 J		TWMB 16000 J	
Nominal performance	Rated power	A7/W55	kW	8.12	13.60
	Electrical absorption		COP	2.66	4.41
	Coefficient of performance			3.05	3.08
Seasonal data	COPDHW ¹		W/W	3.045	2.49
	Test cycle profile ¹			L	XL
	Energy efficiency (η _{wh}) ²		%	121.8	99.5
	Energy Efficiency Class ²			A+	A
	Annual energy consumption ²		kWh/y	842	1686
Operating limits	Outdoor air temperature	°C		-25~45	
	Hot water T. adjustment range			25~70	
Refrigeration circuit data	Refrigerant ³		type (GWP)	R290 (0.02)	
	Quantity		kg	1.0	1.4
	Control system			Electronic expansion valve	
	Compressor		type	Rotary - DC Inverter	
Hydraulic data	Heat exchanger	Type		STAINLESS STEEL brazed plates	
		Water flow	m ³ /h	1.57	2.75
		Pressure drops	kPa	40	60
	Circulation pump			Included	
	Water connections	Type		Threaded	
		Dimensions	inches	1" (DN25)	1 1/4" (DN32)
	Operating pressure Min/Max		bar	0.5/3.0	0.5/3.0
Electrical data	Expansion vessel	Volume	L	5	5
	Power supply		Ph/V/Hz	1ph-230V-50Hz	
	Max. current		A	13.70	27.00
	Power cable (recommended)		type	3x4 mm ²	3x6 mm ²
Product specifications	Fan	Type	q.ty	DC Inverter x 1	
		Air flow	m ³ /h	4300	8000
	Sound power level		dB(A)	64	69
	Dimensions	LxDxH	mm	1115x415x900	1115x415x1320
	Net	Weight	kg	95	140
Controls	Remote control colour touch screen			Included	
	WiFi module			Integrated	

1. Test according to EN16147; air 7° C, inlet water 10° C. 2. Directive 2009/125/CE - ERP EU n. 814/2013 (TUV SUD certification for all models).

3. La perdita di refrigerante contribuisce al cambiamento climatico. In caso di rilascio nell'atmosfera, i refrigeranti con un potenziale di riscaldamento globale (GWP) più basso contribuiscono in misura minore al riscaldamento globale rispetto a quelli con un GWP più elevato. Questo apparecchio contiene un fluido refrigerante con un GWP di 0,02. Se 1 kg di questo fluido refrigerante fosse rilasciato nell'atmosfera, quindi, l'impatto sul riscaldamento globale sarebbe 50 volte inferiore rispetto a 1 kg di CO₂, per un periodo di 100 anni. In nessun caso l'utente deve cercare di intervenire sul circuito refrigerante o di disassemblare il prodotto. In caso di necessità occorre sempre rivolgersi a personale qualificato.