

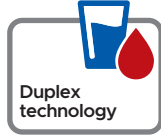
## HEATING

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# HOT WATER

HWMB8 8080-D A

Monobloc heat pump water heater 80 liters  
"Ducted kitchen" series



Water heater in monobloc heat pump, designed to be installed inside the kitchen column cabinet

**R134A** | Refrigerant gas

**60° C** | Hot water with the compressor only

**Anti-legionella cycle**

Exceptional corrosion resistance thanks to

**Duplex technology**

ErP Ready



## PERFORMANCE

MODEL	LOAD	ENERGY CLASS	COP According to EN 16147
HWMB8 8080-D A	80 L	M	4.20

Model		HWMB8 8080-D A	
Tank volume	L	80	
Solar integration coil (stainless steel)	m <sup>2</sup>	not present	
Rated thermal power <sup>1</sup>	W	1050	
Electrical absorption nominale <sup>1</sup>	W	250	
Rated hot water production capacity <sup>1</sup>	L/h	20	
COP (rated) <sup>1</sup>	W/W	4.2	
COPDHW <sup>2</sup>	W/W	3.04	
Test cycle profile <sup>2</sup>	-	M	
Warm-up time <sup>2</sup>	hh:mm	03:42	
Volume of hot water at 40° <sup>2</sup>	L	116	
Energy efficiency class <sup>3</sup>	-	A++	
IP Degree of protection IP	-	IPX1	
Hot water T. adjustment interval	°C	38~70 (50 default)	
Maximum DHW temperature only compressor	°C	60	
Electrical data	Power supply	Ph-V-Hz	1-220~240V-50Hz
	Integrative heating element	W	1500
	Maximum current (including heating element)	A	8.30
Refrigerant circuit data	Refrigerant <sup>4</sup>	Type (GWP)	R134a (1430)
	Quantity	kg	0.65
	Tons of CO2 equivalent	t	0.930
	Compressor	type	Rotary ON/OFF
Product specifications	Dimensions (Diameter x Height)	mm	520 x 1160
	Net weight	kg	50
	Sound power level	dB(A)	46
	Sound pressure level a 2 m	dB(A)	31
Tank	Tank material	-	Duplex steel
	DHW connections	Inches	G1/2" (DN15)
	Solar coil connections	Inches	-
	Anode type	-	Not present
	Maximum operating pressure	bar	10
Suctioned air	Operating range	°C	-5~+43
	Air flow (ducted)	m <sup>3</sup> /h	300
	Fan static pressure	Pa	60
	Air duct - Diameter	mm	120
	Air duct - Max length	m	8

1. Conditions: intake air 20° C DB (15° C WB), inlet water 15° C / outlet 55° C. 2. Test according to EN16147; air 20° C.

3. Directive 2009/125/CE - ERP EU no. 814/2013. 4. Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerant with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 1430. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 1430 times higher than 1 kg of CO<sub>2</sub>, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.

## HEATING

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### COMFORT AT HOME

Designed to be installed in the kitchen like a traditional boiler, the "Ducted Kitchen" series is positioned comfortably inside the kitchen column furniture, with air expulsion outside.

### SAFETY

The tank is made of Duplex, a variety of extremely strong and corrosion-resistant stainless steel.

Anti-legionella system: the danger of legionella bacteria is averted thanks to periodic cycles that raise the temperature of the water inside the accumulation above 65° C.

### INSTALLATION INSTRUCTIONS

1. It is mandatory to install a safety and non-return valve on the cold water inlet. Otherwise, the equipment could be seriously damaged. Use a valve with 0.7 MPa setting. For the installation location, refer to the piping connection diagram.
2. The safety valve drain pipe must descend vertically and must not be placed in an environment at risk of freezing.
3. The water must be able to drip freely from the hose and its end must be left free.
4. The safety valve must be tested regularly to verify its functioning and to remove limescale that could block it.

### HYDRAULIC CONNECTIONS DIAGRAM

