

# HEATING



## HOT WATER

### Water heater with heat pump

### 300/500 litre "Ducted" monobloc series

### Possibility of integration with solar thermal



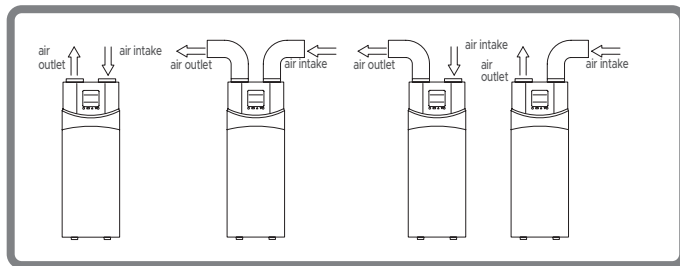
Certification EN 16147 from a third-party accredited laboratory BUREAU VERITAS.



### Anti-legionella cycle

ErP Ready

### 4 INSTALLATION MODES



HWMAS 3200 HEA-3  
HWMAS 5400 HEA-3

Water heater with heat pump, monobloc on base with the possibility of integration with solar thermal

**R134A** | Refrigerant gas.

**300 or 500 litres** | Stainless steel tank.

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

**COP 2.67\*** | For 300 litre model.

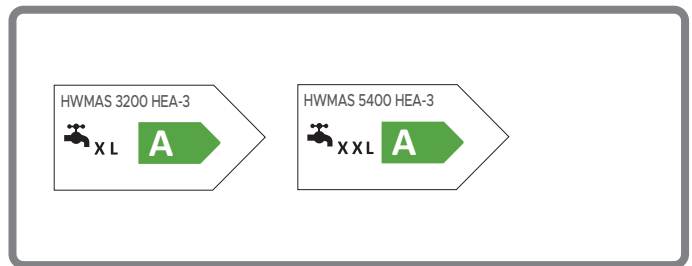
**COP 2.69\*** | For 500 litre model.

**Anti-legionella cycle** | Can be customized for different needs or can be excluded.

Innovative soft touch control panel to facilitate commissioning, use and maintenance.

\* In accordance with EN 16147

### ENERGY EFFICIENCY CLASS



Model		HWMAS 3200 HEA-3	HWMAS 5400 HEA-3	
Tank volume	L	300	500	
Solar integration coil (stainless steel)	m <sup>2</sup>	1.0	1.0	
Rated thermal power <sup>1</sup>	W	1840	3700	
Rated power consumption <sup>1</sup>	W	533	1093	
Rated hot water production capacity <sup>1</sup>	L/h	45	85	
COP (rated) <sup>1</sup>	W/W	3.45	3.39	
COP <sub>DHW</sub> <sup>2</sup>	W/W	2.67	2.69	
Test cycle profile <sup>2</sup>	-	XL	XXL	
Volume of hot water at 40°C <sup>2</sup>	L	351	501	
Energy Efficiency Class <sup>3</sup>	-	A	A	
IP Degree of protection	-	IPX1	IPX1	
Hot water T. adjustment interval	°C	10~70 (50 default)	10~70 (50 default)	
Maximum DHW temperature only compressor	°C	60	60	
Electrical data	Power	Ph-V-Hz 1-220~240-50	1-220~240-50	
	Integrative heating element	W 1600	1600	
	Maximum current (including heating element)	A 10.0	13.0	
Refrigerant	Type (GWP)	- R134a (1430)	R134a (1430)	
	Quantity	kg 0.80	1.45	
	Tons of CO2 equivalent	t 1.144	2.074	
Compressor	-	Rotary (ON/OFF)	Rotary (ON/OFF)	
Dimensions	Unit Ø x H	mm 640 x 1845	700 x 2230	
Net weight	kg	104	122	
Sound power level	dB(A)	59	60	
Sound pressure level at 2 m	dB(A)	46	45	
Tank	Tank material	-	Stainless steel	Stainless steel
	DHW hydraulic connections	(" - DN)	1" - DN25	1" - DN25
	Hydraulic solar coil connections	(" - DN)	3/4" - DN20	3/4" - DN20
	Magnesium anode	-	G3/4" - Ø 21x300	G3/4" - Ø 21x300
	Maximum operating pressure	bar	10	10
Suctioned air	Operating range	°C	-5~+43	-5~+43
	Rated flow (not ducted)	m <sup>3</sup> /h	450(@60Pa)	400(@60Pa)
	Air flow (ducted)	m <sup>3</sup> /h	400(@60Pa)	350(@60Pa)
	Air duct - Diameter	mm	177	177
Air duct - Length	m	6	6	

1. Conditions: suctioned air 20° C DB (15° C WB), inlet water 15° C / outlet 55° C.  
2. Test according to EN16147; air 7° C. 3. Directive 2009/125/EC - ERP EU no. 814/2013 (BUREAU VERITAS certification).

### HYDRAULIC CONNECTIONS DIAGRAM

