

HEATING

HOT WATER

Water heater with heat pump. 300/500 litre "Ducted" monobloc series

- Water heater with heat pump, monobloc on base with the possibility of integration with solar thermal
- Refrigerant gas R134A
- 300 or 500 litre stainless steel tank
- Hot water up to 60°C with a single compressor
- COP 2.74* for 300 litre model and COP 2.69* for 500 litre model
- Anti-legionella cycle can be customised for different needs or can be excluded
- Innovative soft touch control panel to facilitate installation, use and maintenance

* In accordance with EN 16147.

Energy class

HWMAS 3200 HEA-2
X L
A

Tax Deductions
50%
building renovation

THERMAL ACCOUNT
2.0

Tax Deductions
65%
energy redevelopment

HWMAS 5400 HEA-2
X X L
A

Model		HWMAS 3200 HEA-2	HWMAS 5400 HEA-2
Tank volume	L	300	500
Solar integration coil (stainless steel)	m ²	1.0	1.0
Rated thermal power ¹	W	1840	3700
Rated power consumption ¹	W	533	1093
Rated hot water production capacity ¹	L/h	45	85
COP (rated) ¹	W/W	3.45	3.39
COP _{DHW} ²	W/W	2.74	2.69
Test cycle profile ²	-	XL	XXL
Volume of hot water at 40°C ²	L	351	501
Energy Efficiency Class ³	-	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	-	220-240 Vac / 50 Hz
	Integrative heating element	W	1600
	Maximum current (including heating element)	A	10.0
Refrigerant	Type	-	R134a
	Quantity	kg	0.80
Compressor	-	Rotary (ON/OFF)	Rotary (ON/OFF)
Dimensions	Unit Ø x H	mm	640 x 1845
	Packaging L x D x H	mm	695 x 695 x 1965
Net weight/Gross weight	kg	104/108	122/135
Sound power level	dB(A)	59	60
Sound pressure level at 2 m	dB(A)	46	45
Tank	Tank material	-	Stainless steel
	DHW hydraulic connections	(Inches - DN)	1" - DN25
	Hydraulic solar coil connections	(Inches - DN)	3/4" - DN20
	Magnesium anode	-	G3/4" - Ø 21x300
	Maximum operating pressure	bar	10
	Insulation thickness	mm	45
Suctioned air	Operating range	°C	-5~+43
	Rated flow (not ducted)	m ³ /h	450(@0Pa)
Suctioned air	Air flow (ducted)	m ³ /h	400(@60Pa)
	Air duct - Diameter	mm	177
	Air duct - Length	m	6



Can be integrated with solar thermal units

GAS R134A

EN 16147 certification from BUREAU VERITAS accredited third-party laboratory.



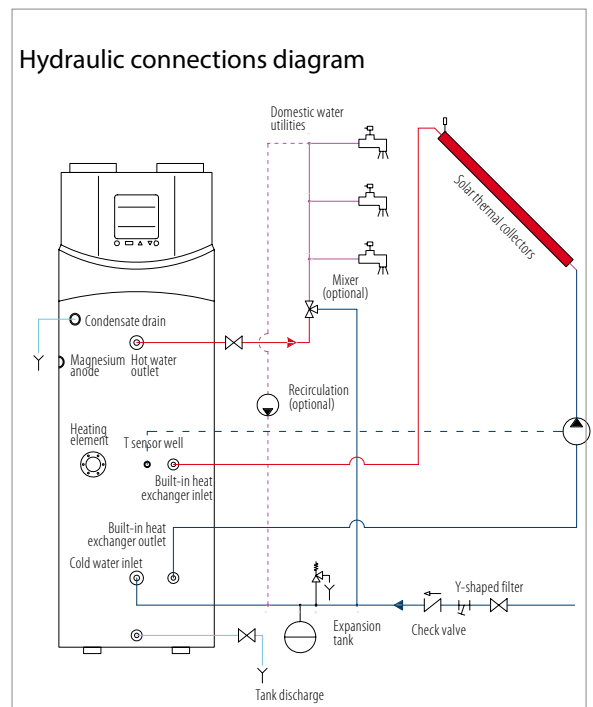
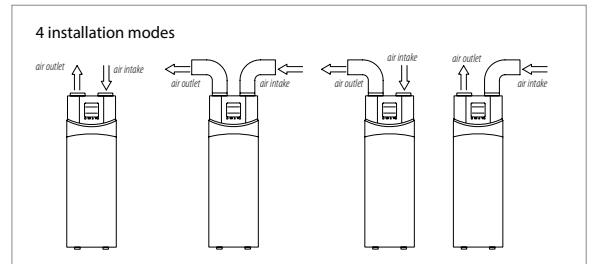
up to **500 L** of capacity!



Anti-legionella cycle

ErP Ready

HWMAS 3200 HEA-2
HWMAS 5400 HEA-2



Notes: 1. Conditions: suctioned air 20°C DB (15°C WB), inlet water 15°C / outlet 55°C 2. Test in accordance with EN 16147; air 7°C. 3. Directive 2009/125/EC - ERP EU no. 814/2013 (BUREAU VERITAS certification).