



SANITARY WATER HEAT PUMP VAW SERIES



Refrigerant
gas



Easy
installation



Anti-legionella
function



Maximum outlet
water temperature



Compatible solar
energy (depending
on the model)



Defrost function



Stainless steel
tank



Replaces heater
and thermos

MODELS

EAN CODE

Power supply

Nominal voltage

V/Hz

Keymark Certification

Solar

GIA-ATS-O-500VAW

8435483836518

-

PERFORMANCE

Capacidad calorífica ⁽¹⁾	Total power	kW	4
	Absorbed power	W	945
	COP		4,11
	Energy class		A+
Rango trabajo	Maximum intensity	A	6,2 + 6,8 (con resistencia)
		°C	-5~43
Temperatura limpieza	Antilegionella	°C	70
Temperatura máxima	Outlet	°C	60
DHW ⁽²⁾	Recovery time	h	8,75
	SCOP (7/6°C) EN16147	W/W	2,76
	Energy efficiency		A
DHW ⁽³⁾	Recovery time		7,65
	SCOP (14/13°C) EN16147		3,05
	Recovery time	h	7,10
DHW ⁽⁴⁾	SCOP (20/15°C) EN16147	W/W	3,25
	Energy efficiency		A+
Photovoltaic solar energy management			Yes

TANK

Capacity	l	500	
Maximum pressure	bar	10	
DHW tank quality		AISI 304L	
Thickness	mm	2	
Protection		Magnesium anode	
DHW Inlet/Outlet	"	G ¾	
Emptying	"	G ¾	
Condensate outlet	"	G ½	
Solar coil		Yes	
	Length	m	10
	Ø	mm	22
	Exchange	m²	1
	Quality		316L
	Connection Ø	"	G ¾

TECHNICAL FEATURES

Compressor type		Rotary
Refrigerant gas		R134a
Refrigerant charge	kg	1,6
Ø air duct	mm	180/200 flexible
GWT		1430
CO ₂ Equivalent	T	2,0735

DIMENSIONS

Sin embalaje	mm	Ø700x2230
Con embalaje	mm	750x750x2355
Peso neto	kg	115
Peso bruto	kg	120

(1) Room temperature 20°C/12°C, Δt 15°C to 55°C

(2) Based on ERP (EN16147) room temperature 7°C/6°C, water temperature from 10°C to 55°C

(3) Based on ERP (EN16147) room temperature 14°C/13°C, water temperature 10°C to 55°C

(4) Based on ERP (EN16147) room temperature 20°C/15°C, water temperature 10°C to 55°C