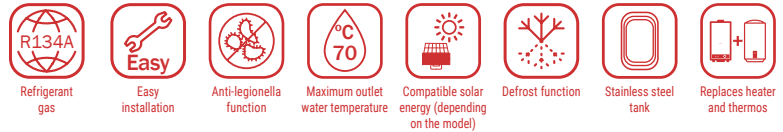


HPWH RANGE



SANITARY WATER HEAT PUMP
VAW SERIES



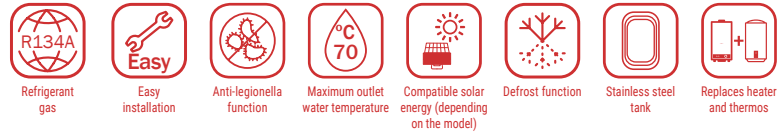
MODELS			Solar		
			GIA-AT-O-100VAW	GIA-ATS-O-150VAW	GIA-AT-O-200VAW
			8435483841147	8435483841130	8435483841123
EAN CODE					
Power supply	Nominal voltage	V/Hz	220/50	220/50	220/50
Keymark Certification			Yes	Yes	-
PERFORMANCE					
Heating capacity ⁽¹⁾	Total power	kW	1,02	2,02	2,02
	Absorbed power	W	253	486	486
	COP		4,01	4,16	4,16
	Energy class		A+	A+	A+
Working range	Maximum intensity	A	1,82 + 6,8 (with resistance)	3,2 + 6,8 (with resistance)	3,2 + 6,8 (with resistance)
		°C	-5~43	-5~43	-5~43
Cleaning temperature	Antilegionella	°C	70	70	70
Maximum temperature	Outlet	°C	60	60	60
	Recovery time	h	4,44	4,04	7,03
DHW ⁽²⁾	SCOP (7/6°C) EN16147	W/W	2,64	2,69	2,76
	Energy efficiency		A+	A	A
	Recovery time		3,98	3,79	5,86
DHW ⁽³⁾	SCOP (14/13°C) EN16147		2,69	2,89	2,86
	Recovery time	h	3,70	3,68	5,40
	SCOP (20/15°C) EN16147	W/W	2,75	3,10	3,05
DHW ⁽⁴⁾	Energy efficiency		A+	A+	A+
	Photovoltaic solar energy management		Yes	Yes	Yes
TANK					
Capacity	l		100	150	200
Maximum pressure	bar		10	10	10
DHW tank quality			AISI 304L	AISI 304L	AISI 304L
Thickness	mm		1,0	1,5	1,5
Protection			Magnesium anode	Magnesium anode	Magnesium anode
DHW Inlet/Outlet	"		G3/4	G3/4	G3/4
Drainage	"		G3/4	G3/4	G3/4
Condensate outlet	"		G1/2	G1/2	G1/2
Solar coil			No	Yes	No
	Length	m	-	10	-
	Ø	mm	-	22	-
	Exchange	m ²	-	1	-
	Quality		-	316L	-
	Connection Ø	"	-	G3/4	-
Outdoor tank quality			Galvanised steel INOX AISI-304L	Galvanised steel INOX AISI-304L	Galvanised steel INOX AISI-304L
Isolation			Polyurethane	Polyurethane	Polyurethane
Thickness	mm		45	45	45
TECHNICAL FEATURES					
Compressor type			Rotary	Rotary	Rotary
Refrigerant gas			R134a	R134a	R134a
Refrigerant charge	kg		0,51	0,7	0,88
Ø air duct	mm		180/200 flexible	180/200 flexible	180/200 flexible
GWT			1430	1430	1430
CO ₂ Equivalent	T		0,8294	1,001	1,001
DIMENSIONS					
Without packaging	mm		Ø510x1185	Ø560x1500	Ø560x1750
With packaging	mm		565x565x1292	615x615x1620	615x615x1870
Net weight	kg		56	86	90
Gross weight	kg		61	90	94

GIATSU reserves the right to modify models and technical data without prior notice. Information is valid except in the case of typographical or printing errors.

(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



SANITARY WATER HEAT PUMP VAW SERIES



MODELS			Solar	Solar	Solar
			GIA-ATS-O-200VAW	GIA-ATS-O-300VAW	GIA-ATS-O-500VAW
EAN CODE			8435483841185	8435483836372	8435483836518
Power supply	Nominal voltage	V/Hz	220/50	220/50	220/50
Keymark Certification			-	-	-
PERFORMANCE					
Capacidad calorífica ⁽¹⁾	Total power	kW	2,02	2,02	4
	Absorbed power	W	486	486	945
	COP		4,16	4,16	4,11
	Energy class		A+	A+	A+
	Maximum intensity	A	3,2 + 6,8 (con resistencia)	3,2 + 6,8 (con resistencia)	6,2 + 6,8 (con resistencia)
Rango trabajo		°C	-5~43	-5~43	-5~43
Temperatura limpieza	Antilegionella	°C	70	70	70
Temperatura máxima	Outlet	°C	60	60	60
DHW ⁽²⁾	Recovery time	h	7,03	9,61	8,75
	SCOP (7/6°C) EN16147	W/W	2,76	2,71	2,76
	Energy efficiency		A	A	A
DHW ⁽³⁾	Recovery time		5,86	8,72	7,65
	SCOP (14/13°C) EN16147		2,86	2,94	3,05
	Recovery time	h	5,4	8,20	7,10
DHW ⁽⁴⁾	SCOP (20/15°C) EN16147	W/W	3,046	3,11	3,25
	Energy efficiency		A+	A+	A+
	Photovoltaic solar energy management		Yes	Yes	Yes
TANK					
Capacity	l		200	300	500
Maximum pressure	bar		10	10	10
DHW tank quality			AISI 304L	AISI 304L	AISI 304L
Thickness	mm		1,5	1,5	2
Protection			Magnesium anode	Magnesium anode	Magnesium anode
DHW Inlet/Outlet	"		G ¾	G ¾	G ¾
Emptying	"		G ¾	G ¾	G ¾
Condensate outlet	"		G ½	G ½	G ½
Solar coil			Yes	Yes	Yes
	Length	m	10	10	10
	Ø	mm	22	22	22
	Exchange	m²	1	1	1
	Quality		316L	316L	316L
Connection Ø	"		G ¾	G ¾	G ¾
Outdoor tank quality			Galvanised steel INOX AISI-304L	Galvanised steel INOX AISI-304L	Galvanised steel INOX AISI-304L
Isolation			Polyurethane	Polyurethane	Polyurethane
Thickness	mm		45	45	45
TECHNICAL FEATURES					
Compressor type			Rotary	Rotary	Rotary
Refrigerant gas			R134a	R134a	R134a
Refrigerant charge	kg		0,88	0,88	1,6
Ø air duct	mm		180/200 flexible	180/200 flexible	180/200 flexible
GWT			1430	1430	1430
CO ₂ Equivalent	T		1,001	1,001	2,0735
DIMENSIONS					
Sin embalaje	mm		Ø560x1750	Ø640x1845	Ø700x2230
Con embalaje	mm		615x615x1870	695x695x1975	750x750x2355
Peso neto	kg		90	97	115
Peso bruto	kg		94	101	120

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