

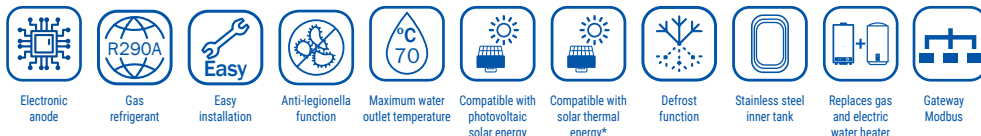


100 L
120 L



200 L
300 L

SANITARY WATER HEAT PUMP VAW 2



			Solar				Solar	
MODELS			HTW-AT-100MR290A	HTW-AT-120MR290A	HTW-AT-200SR290A	HTW-ATS-200SR290A	HTW-ATS-300SR290A	
EAN CODE			8435483860278	8435483860292	8435483860315	8435483864405	8435483860353	
Nominal voltage			V,Ph,Hz					220–240V (1 Phase ~ 50Hz)
PERFORMANCE								
Keymark Certification			Yes	Yes	Yes	Yes	Yes	
Heat capacity ⁽¹⁾	Total power	kW	1,10	1,10	1,60	1,60	1,60	
	Absorbed power	W	300	300	432	432	432	
	COP		3,15	3,14	3,61	3,61	3,80	
	Energy class		A+	A+	A+	A+	A+	
Resistance		kW	1,55	1,55	1,55	1,55	1,55	
Rated current + resistance		A	1,3 + 6,8	1,3 + 6,8	1,88 + 6,8	1,88 + 6,8	1,88 + 6,8	
Maximum current + resistance		A	1,81 + 6,8	1,81 + 6,8	2,61 + 6,8	2,61 + 6,8	2,61 + 6,8	
Working range		°C	-5 / 43	-5 / 43	-5 / 43	-5 / 43	-5 / 43	
Cleaning temperature	Antilegionella	°C	70	70	70	70	70	
Maximum temperature	Output /with resistance	°C	65 / 75	65 / 75	65 / 75	65 / 75	65 / 75	
DHW ⁽²⁾	Recovery time	h	4,26	5,25	6,4	6,4	9,9	
	SCOP (7/6°C) EN16147 Average climate	W/W	2,61	2,63	2,92	2,92	3,11	
	Energy efficiency		A+	A+	A+	A+	A+	
DHW ⁽³⁾	Recovery time	h	3,40	4,25	5,10	5,10	8,0	
	SCOP (14/13°C) EN16147 Warm climate		2,97	2,95	3,36	3,36	3,55	
	Energy efficiency		A++	A++	A++	A++	A+	
	COP 7/6°	-	3,5	3,4	3,6	3,6	3,8	
TANK								
Capacity		L	100	120	200	200	300	
Maximum pressure		bar	10	10	10	10	10	
DWH tank quality		-	AISI 304					
Thickness		mm	1,0	1,0	1,5	1,5	1,5	
Protection		-	Electronic anode					
DHW inlet/outlet		"	G ¾	G ¾	G ¾	G ¾	G ¾	
Clearing		"	G ¾	G ¾	G ¾	G ¾	G ¾	
Condensate outlet		"	G ¾	G ¾	G ¾	G ¾	G ¾	
Solar coil		-	No	No	No	Sí	Sí	
	Length	m	-	-	-	10	10	
	Ø	mm	-	-	-	22	22	
	Exchange	m²	-	-	-	1	1	
	Quality		AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	
	Ø connection	"	-	-	-	G ¾	G ¾	
External tank quality		-	Galvanised steel					
Thickness		mm	0,50	0,50	0,50	0,50	0,50	
Painting	Thickness	mm	0,05	0,05	0,05	0,05	0,05	
Isolation		-	Polyurethane					
	Thickness	-	45	45	45	45	45	
	Density	-	31	31	31	31	31	
TECHNICAL FEATURES								
Compressor type		-	Rotary					
Refrigerant gas		-	R290					
Refrigerant charge		kg	0,15	0,15	0,15	0,15	0,15	
GWT		-	3	3	3	3	3	
CO ₂ equivalent		T	0,00045	0,00045	0,00045	0,00045	0,00045	
Ø air duct		mm	160	160	160	160	160	
Maximum duct length	(Smooth and rigid duct, I+R)	m	20	20	20	20	20	
Fan		W/rpm	40/900	40/900	60/1130	60/1130	60/1130	
Airflow		m³/h	250	250	350	350	350	
Sound power		dB(A)	55	55	55	55	56	
Wifi		-	Yes	Yes	Yes	Yes	Yes	
Smart grid ready		-	-	-	Yes	Yes	Yes	
DIMENSIONS								
Unboxed	Ø	mm	Ø510x1175	Ø510x1328	Ø560x1750	Ø560x1750	Ø640x1850	
With packaging	w · h · d	mm	570x1292x570	570x1435x570	629x1892x629	629x1892x629	695x1989x695	
Net/gross weight		kg	48 / 63	51 / 67	90 / 100	90 / 100	110 / 120	

*Depending on model

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

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

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