

CAR-EVI Air to Water Heat Pump-heating/hot water

CAR-EVI		CAR-12EVI	CAR-24EVI	CAR-12EVI	CAR-20EVI	CAR-40EVI	CAR-60EVI	CAR-75EVI	CAR-80EVI	
Standard	Heating capacity	KW 10.4	20.8	11.4	20.3	40.6	60.9	74.4	81.2	
		BTU 35484	70969	38897	69263.6	138527	207790.8	253853	277054	
	Hot water output	T/h 0.22	0.45	0.25	0.44	0.87	1.31	1.6	1.75	
	Input power	KW 2.56	5.12	2.77	4.8	9.6	14.4	16.3	19.2	
Low	Heating capacity	KW 8.65	17.3	9.59	16.6	33.2	49.8	62.7	66.4	
		BTU 29514	59028	32721	56639.2	113278	169917.6	213932	226557	
	Hot water output	T/h 0.17	0.33	0.18	0.32	0.63	0.95	1.2	1.27	
	Input power	KW 2.6	5.2	2.8	4.69	9.38	14.07	16.3	18.76	
Super low	Heating capacity	KW 5.33	10.66	5.95	9.7	19.4	29.1	34.6	38.8	
		BTU 18186	36372	20301	33096.4	66193	99289.2	118055	132386	
	Hot water output	T/h 0.1	0.2	0.11	0.19	0.37	0.56	0.66	0.74	
	Input power	KW 2.5	5	2.7	4.15	9.3	14.45	15.6	19.6	
Standard running current		A 12.2	24.4	4.85	8.4	16.8	25.5	29	34	
Max running current		A 17.1	34.2	7.5	12	24	36	42	48	
Power source		V/Ph/Hz	220V/1N/50HZ						380V/3N/50HZ	
Noise level		dB(A)	<55	<58	<55	<58	<62	<64	<66	<66
Up discharge W × D × H		mm	670*640*820	1390*670*820	670*640*820	810*780*1050	1450*780*1050	1700*900*1250	1700*900*1250	1700*900*1250
Side discharge W x D x H		mm	883*363*1000	1300*420*1245	883*363*1000	1120*425*1260	-			
Unit net weight		kg	115	175	115	145	270	470	620	620
Water temp control precise		°C	±2°C							
Working temp range		°C	-25°C-43°C							
Throttle type			Thermostatic expansion valve							
Refrigerant Type			R407C							
Refrigerant	Charge qty	kg	2.6	2.6*2	2.6	3.5	3.5*2	3.5*3	7.2*2	3.5*4
	Max working pressure	Bar	28	28	28	28	28	28	28	28
Compressor	Type		Hermetically sealed scroll compressor							
	Qty	pcs	1	2	1	1	2	3	2	4
Air source side	Heat exchanger type		Finned tube heat exchanger							
	Qty	pcs	1	2	1	1	2	2	2	2
	Motor power	KW	0.2	0.4	0.2	0.4	0.4*2	0.75*2	0.75*2	0.75*2
Hot water side	Heat exchanger type		Tube in tube heat exchanger							
	Water flow	m ³ /H	1.79	3.58	1.98	3.49	6.98	10.47	12.79	13.96
	Water pressure loss	kPa	27	30	27	30	36	42	48	48
	Pipe size	DN	20	25	20	25	32	40	50	50
	Max working pressure	kPa	1000	1000	1000	1000	1000	1000	1000	1000
FOB Guangzhou	Up discharge Side discharge	USD								
Model			CAR-12EVI	CAR-24EVI	CAR-12EVI	CAR-20EVI	CAR-40EVI	CAR-60EVI	CAR-75EVI	CAR-80EVI

Test conditions:

- Standard: Air source side DB/WB is 20°C/15°C, inlet water temp 15°C, outlet water temp 55°C.
- Low: Air source side DB/WB is 7°C/6°C, inlet water temp 10°C outlet water temp 55°C.
- Super low: Air source side DB/WB is -15°C/-17°C, inlet water temp 10°C, outlet water temp 55°C.

Models show(powder coated cover):

Product options:

- 1.304 Stainless steel casing
- 2.Soft starter apparatus
- 3.Bottom heater

CAR-12/20/24EVI



CAR-40/60/75/80EVI



CAR-12EVI



CAR-20EVI



CAR-24EVI

