

CAR-HB High Temperature Heat Pump-heating/hot water

CAR-HB		CAR-12	CAR-20	CAR-25	CAR-40	CAR-50	CAR-60	CAR-80	CAR-100	
Hot water condition	Heating capacity	KW	8	13.4	16.1	26.6	32	40	53	69.5
		BTU	27296	45721	54233	90759	109184	136480	180836	237134
	Input power	KW	2.5	4.15	4.85	8.3	9.7	12.5	16.5	21.6
	Input current	A	12.3	7.6	8.9	15.2	17.8	23.5	30.4	38
	COP		3.2	3.2	3.3	3.2	3.3	3.2	3.2	3.2
Max outlet water temp	°C	70°C								
Power Source	V/Hz	220V/1N/50H	380V/3N/50HZ							
Noise level	dB(A)	<53	<58	<61	<63	<64	<66	<66	<68	
Unit size W x D x H	mm	680*635*830	810*780*1050	880*780*1000	1450*780*1050	1450*780*1250	1700*900*1250	1700*900*1250	1800*1010*125	
Packing W x D x H	mm	890*735*1000	970*880*1220	980*880*1220	1550*880*1220	1550*880*1420	1800*1000*142	1800*1000*142	1900*1110*142	
Unit net weight	KG	120	155	225	280	340	440	520	580	
Package		Qualified plywood case, no need of fumigation								
Working ambient temp range	°C	-20°C~43°C								
Throttle type		Electronic expansion valves/thermostatic expansion valves								
Refrigerant	Type	R417A								
	Qty	kg	1.7	2.3	3	2.3*2	2.8*2	2.3*3	2.3*4	2.5*4
Compressor	Type	Scroll Copeland								
	Qty	pcs	1	1	1	2	2	3	4	4
Security functions		Built-in overheating protection, phase sequence protection, undervoltage protection time-start delay								
Air source side	Heat exchanger type	Finned tube heat exchanger								
	Motor power	KW	0.2	0.3	0.5	0.6	0.7	1.2	1.5	1.5
Hot water side	Heat exchanger type	Efficient tube in tube heat exchanger								
	Water flow	m ³ /H	1.38	2.3	2.77	4.57	5.5	6.9	9.11	11.5
	Water pressure loss	kPa	14	18	21	20	23	23	25	32
	pipe size	DN	20	25	25	32	32	40	50	50
water side max working pressure	kPa	1000	1000	1000	1000	1000	1000	1000	1000	

Test conditions: Air source side DB/WB is 20°C/15°C, initial hot water temp 15°C, ending hot water temp 55°C.

Product options:

1. Stainless steel casing



2.Soft starter apparatus

3.Bottom heater

4.RS485/Modbus communication

If need to add above functions, pls contact us,
it need to add cost.



CAR-12/20/25



CAR-40/50/60/80/100

