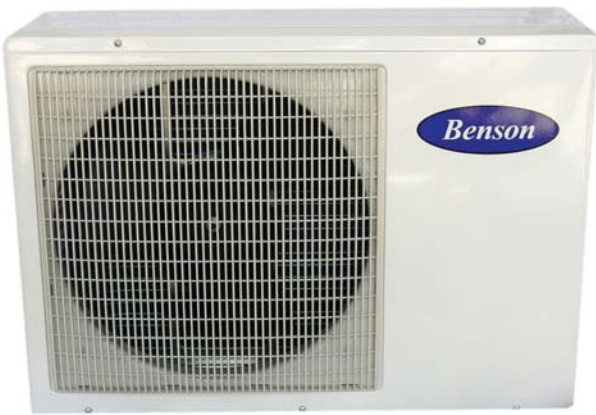


Benson

Benson Mini Chiller Reverse Cycle



Technical Specifications

Cooling condition:

- Water in / out temperature: 12°C / 7°C.
- Ambient temperature: 35°C

Heating condition:

- Water in / out temperature: 40°C / 45°C
- Ambient temperature: DB / WB 7 / 6°C

		Model				
Cooling & Heating		BENCW 1P MC 50 RCA	BENCW 1P MC 86 RCA	BENCW 1P MC 140 RCA	BENCW 1P MC 141 RC3A	BENCW 1P MC 175 RC3A
Cooling Only		BENCW 1P MC 50 XCA	BENCW 1P MC 86 XCA	BENCW 1P MC 140 XCA	BENCW 1P MC 141 XC3A	BENCW 1P MC 175 XC3A
Power Supply	V / Hz / PH	220-240 / 50 / 1			380-415 / 50 / 3	
Refrigerant		R290				
Cooling Capacity	Btu	18000	29500	48000	48000	60000
	W	5000	8650	14000	14000	17500
Heating Capacity	Btu	18500	30500	48000	48000	60000
	W	5400	8950	14000	14000	17500
Input Power	Cooling (W)	1730	2880	4950	4850	6280
	Heating (W)	1740	2970	4840	4750	6050
Current	Cooling (A)	7.6	12.5	21.5	8.1	10.1
	Heating (A)	7.6	12.9	21	7.9	9.8
EER	Btu / h / w	10.3	10.2	9.7	9.9	8.6
EER	W / W	2.9	3	2.8	2.9	2.8
Compressor	Type	Rotary			Scroll	
	Quantity / System	1			1	
Fan	Type	Axial Fan				
	Quantity	1		2		
	Airflow Rate (m ³ / h)	3500	4500	3000 × 2	3000 × 2	4500 × 2
	Rated power × Quantity (W)	190 × 1	220 × 1	165 × 2	165 × 2	315 × 2
Noise Level	dB(A)	54	55	58	58	58
Water Side Heat Exchanger	Type	Shell and tube				
	Water Pressure Drop (kPa)	20	16	16	16	20
	Piping Connection (Inch)	G3 / 4	G1	G1	G1	G1
	Water Flow m ³ / h	0.92	1.6	2.5	2.5	4.2
Water-Pump Input Power	W	75	175	780	780	780
Net Dimensions	L × D × H mm	1060 × 425 × 710		960 × 480 × 1170	960 × 480 × 1170	
Net Weight	KG	98	130	151	151	161

Distributor

Benson Airconditioning

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