



Technical Specifications

		Model						
		BENCW 1PFCC 28 R	BENCW 1PFCC 35 R	BENCW 1PFCC 45 R	BENCW 1PFCC 53 R	BENCW 1PFCC 72 R	BENCW 1PFCC 85 R	BENCW 1PFCC 100 R
Airflow Rate	High (L / s)	140	170	230	280	360	420	280
	Middle (L / s)	115	140	195	250	330	390	450
	Low (L / s)	85	115	170	230	355	360	420
Nominal Cooling Capacity	High (Btu / h)	9553	11941	15353	18083	24565	29000	34118
	High (kW)	2.8	3.5	4.5	5.3	7.2	8.5	10
	Middle (Btu / h)	8530	10747	13988	17059	22177	26783	32071
	Middle (kW)	2.5	3.2	4.1	5	6.5	7.9	9.4
	Low (Btu / h)	7711	9894	12624	14671	20471	25589	30365
	Low (kW)	2.3	2.9	3.7	4.3	6	7.5	8.9
Nominal Heating Capacity	High (Btu / h)	14330	17912	23030	27294	36847	43501	51177
	High (kW)	4.2	5.3	6.8	8	10.8	12.8	15
	Middle (Btu / h)	12794	16121	20983	25930	33265	40174	47765
	Middle (kW)	3.8	4.7	6.2	7.6	9.8	11.6	14
	Low (Btu / h)	11566	14841	18936	21836	30706	38383	46059
	Low (kW)	3.4	4.4	5.6	6.4	9	11.3	13.5
Power Supply	V / Hz / Ph	220 / 50 / 1						
Motor Power	W	40	64	64	92	130	150	165
Fan Motor Type		Centrifugal Type						
Heat Exchanger	Type	Copper Tube - Aluminum Fin						
	Working Pressure (Mpa)	≤1.6						
	Water Flow (m3 / h)	0.48	0.6	0.78	1.1	1.24	1.46	1.55
	Water Pressure Drop (kPa)	25	28	30	36	36	38	40
Net Dimension L x D x H	Main Body mm	580 x 580 x 275			840 x 840 x 230		840 x 840 x 285	
	Abs Panel mm	650 x 650 x 30			950 x 950 x 50			
Pipe Connection	Water In / Out Pipe mm	DN20						
	Drain Pipe mm	DN25						
Noise Level	dB(A)	≤40	≤44	≤44	≤44	≤47	≤56	≤56
Net Weight	KG	22	22	28	28	28	40	40

* Note:

Cooling condition:

- Ambient temperature DB / WB: 27° / 19°
- Chilled water input / output temp: 7° / 12°

Heating condition:

- Air on at DB21°
- Hot water input / output temp: 60° / 55°

Distributor

Benson Airconditioning

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