

Benson

Wall Type Indoor

Benson Chilled Water



Technical Specifications

		Model								
		BENCW 1P W 26 R			BENCW 1P W 34 R			BENCW 1P W 53 R		
Water Temp. *	Cooling In / Heating In	5 / 60.	7 / 50.	9 / 45.	5 / 60.	7 / 50.	9 / 45.	5 / 60.	7 / 50.	9 / 45.
Cooling Capacity **	H (Watts)	2945	2640	2375	3750	3370	3030	5875	5275	4745
	M (Watts)	2575	2345	2110	3255	2930	2700	5125	4630	4160
	L (Watts)	2380	2170	1950	2990	2770	2490	4745	4250	3870
	H (Btu / H)	10050	9000	8100	12800	11500	10350	20050	18000	16200
	M (Btu / H)	8780	8000	7200	11100	10000	9200	17500	15800	14200
	L (Btu / H)	8150	7400	6660	10200	9450	8500	16200	14500	13200
Heating Capacity **	H (Watts)	4335	3370	2875	5425	4250	3660	8610	6880	5860
	M (Watts)	3750	2930	2490	4670	3690	3070	7320	5920	4980
	L (Watts)	3990	2390	2070	3740	2990	3610	5875	4810	4160
	H (Btu / H)	14800	11500	9800	18500	14500	12500	29400	23500	20000
	M (Btu / H)	12800	10000	8500	16000	12600	10500	25000	20200	17000
	L (Btu / H)	10200	8150	7050	12750	10200	8900	20050	16400	14200
Motor Data	Type	Asynchronous Motor								
	Qty	1								
	Power Output (W)	12			35			50		
Fan Data	Fan Speed H / M / L (RPM)	1350 / 1150 / 950			1350 / 1100 / 950			1300 / 1100 / 950		
	Type	Cross-flow fan								
	Qty	1								
Air Flow	H (m3 / h)	493			697			1088		
	M (m3 / h)	442			595			935		
	L (m3 / h)	340			476			731		
Water Flow	m3 / h	0.47			0.58			0.94		
Power Supply	V / Hz / Ph	220-240 / 50 / 1								
Power Input	W	25			35			75		
Noise Level at high speed	dB(A)	35			35			37		
Pipe Connector Size		1 / 2"								
Drain Connection--(O,D)	mm	16			16			16		
Water Pressure Drop	Kpa	15			20			20		
Control Type		Wireless								
Bypass Valve		Yes								
Net Dimension	L x D x H mm	780 x 280 x 175			1020 x 310 x 205			1250 x 320 x 230		
Packaging Dimension	L x D x H mm	845 x 350 x 235			1070 x 390 x 275			1280 x 385 x 285		
Net Weight	KG	9			14.5			18		

Capacity test conditions

- Cooling: 7 °C water inlet, room temperature is DB / WB: 27 °C / 19 °C
- Heating: 45 °C water inlet, room temperature is DB 21 °C

Water flow is defined at 5 °C temperature difference between water outlet and inlet in cooling mode.

High Wall Mounted Fan Coil Unit without motorized valve is also available.

*5 / 60 means 5 °C water inlet in cooling mode and 60 °C water inlet in heating mode

** Cooling / Heating Capacity are stated at different fan speeds. "H", high fan speed; "M", medium fan speed; "L" low fan speed