

Technical Specifications

		Model									
		BENCW 1P DL 19 R	BENCW 1P DL 25 R	BENCW 1P DL 33 R	BENCW 1P DL 42 R	BENCW 1P DL 52 R	BENCW 1P DL 71 R	BENCW 1P DL 89 R	BENCW 1P DL 100 R	BENCW 1P DL 118 R	
Power Supply	V / Hz / PH	220V-240 / 50 / 1									
Max Input Power	W	75	115	115	150	225	225	308	308	405	
Max. Current *	A	0.3	0.5	0.5	0.7	1	1	1.4	1.4	2	
Total Cooling Capacity High Fan Speed**	3 Rows (Btu / h)	6300	8300	11100	14100	17600	24200	30400	34200	40400	
	3 Rows (W)	1850	2430	3250	4130	5160	7090	8900	10020	11830	
	4 Rows (Btu / h)	7900	10500	14000	17500	21800	26900	35900	40800	48200	
	4 Rows (W)	2310	3080	4100	5130	6390	7880	10520	11950	14120	
Sensible Cooling Capacity High Fan Speed	3 Rows (Btu / h)	4600	6300	8500	10500	13000	1730	2220	23500	27600	
	3 Rows (W)	1350	1850	2490	3080	3810	5070	6500	7410	8700	
	4 Rows (Btu / h)	5500	7500	10000	12500	15400	19500	23700	27200	32000	
	4 Rows (W)	1610	2200	2930	3660	4510	5710	7470	8580	10080	
Nominal Airflow Rate at High Fan Speed	Cfm	200	300	400	500	600	800	1000	1210	1410	
	l / s	95	145	190	240	290	380	470	580	670	
External Static Pressure	Pa	Nominal 30 Pa / Max 50 Pa									
Cooling Coil	Fin Height (Inch)	6	6	8	6	8	8	8	8	8	
	Fin Height (mm)	152	152	203	152	203	203	203	203	203	
	Fin Length (Inch)	24	24	24	34	34	44	51	58	65	
	Fin Length (mm)	610	610	610	864	864	1118	1295	1473	1651	
	Face Area (ft ²)	1	1	1.33	1.42	1.89	2.44	2.83	3.22	3.61	
	Face Area (m ²)	0.09	0.09	0.12	0.13	0.18	0.23	0.26	0.30	0.34	
	Max. Working Pre.	2 MPa - 20 KG / cm ²									
Fan	Type	Forward Multi-Vane Centrifugal Ventilator Direct Drive									
	Model / Qty	6" x 8" / 1			6" x 8" / 2			6" x 8" / 3			
Motor	Type	Multispeed Asynchronous Motor									
	Qty	1	1	1	1	1	1	2	2	2	
	output power*** (W)	25	40		60	80		120		160	
Noise Level**** Low Speed	dB(A)	<36		<38	<40	<40	<45	<47	<48		
Coil Circuits	1 Row	3		4	3	4					
	2 Rows	3		4	3	4					
	3 Rows	3		4	3	4		6	6	6	
	4 Rows	3		4	3	4		8	8	8	
Chilled Water Connection Pipe	1 Row, 2 Rows and 3 Rows	1 / 2" FPT -- 3 / 4" MPT									
	4 Rows	1 / 2" FPT - 3 / 4" MPT					3 / 4" FPT - 1" MPT				
Drain Pipe	Inch	G3 / 4									
Dimension***** L x D x H	Net mm	975 x 530 x 260			1215 x 530 x 260		1470 x 530 x 260		1650 x 530 x 260	1830 x 530 x 260	2000 x 530 x 260
	Packing mm	995 x 545 x 270			1235 x 545 x 270		1490 x 545 x 270		1670 x 545 x 270	1850 x 545 x 270	2020 x 545 x 270
Net Weight	2 Rows (KG)	10.3	11.2	12.2	14.5	15.5	16.8	18.2	28.9	32.2	
	3 Rows (KG)	11.3	12.6	14	16.6	18	19.8	22	34.2	38.7	
	4 Rows (KG)	12.5	14.2	15.2	18.5	20	21.8	24	37.6	45.3	

*The currents are at the voltage of 230V

**Air Entering temperature DB / WB 27 / 19.5° C Chilled water Entering temperature at 5° C and Leaving at 12° C

***The Motor Output Power may be revised according to the actual external static pressure drop.

****Noise Level is tested 1 metre away from the air outlet point in ARI standard acoustic room - with Ducted fitted noise will be reduced

***** The Dimension of the unit excluding drain tray were measured