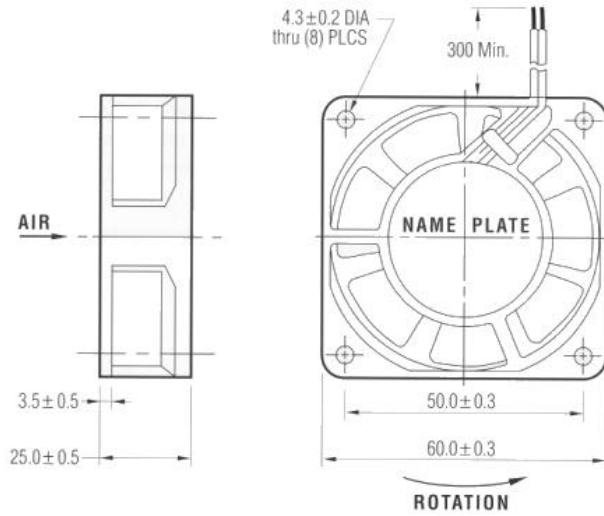




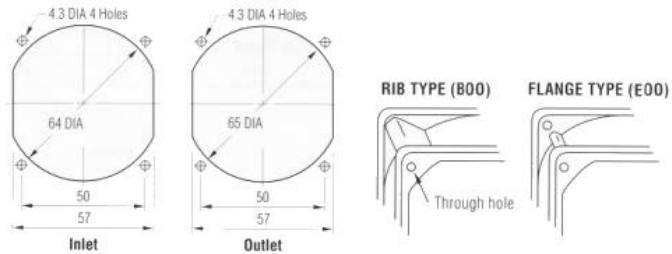
[2410ML]

Brushless DC Axial Fan Motor

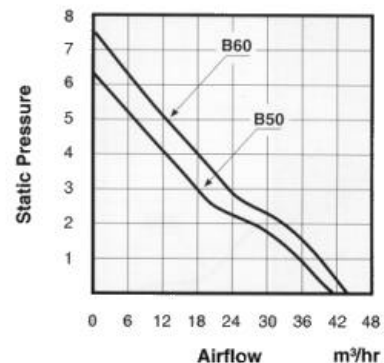
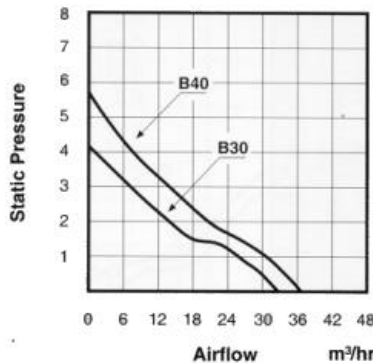
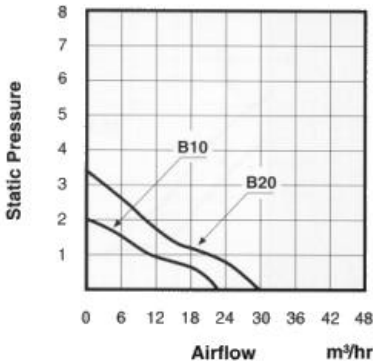


Features

- Size: 80mm sq x 25mm
- Airflow: 23 – 43 m³/hr
- Noise: 23 – 36 dBA
- Weight: 65 g
- Lead Wires: AWG 24, Red/Black UL1007, CSA TR-64
- Impeller and Venturi: UL94V-0 Reinforced plastic



Model	Voltage (V)	Range (V)	Power (W)	Current (mA)	Speed (RPM)	Noise (dBA)	Pressure (mm H ₂ O)	Airflow	
								m ³ /hr	CFM
2410ML-04W-B10-B00	12	6-13,8	1,20	100	2950	23,0	1,81	23,4	13,8
04W-B20-B00	12	6-13,8	1,92	160	3600	28,0	3,26	28,8	16,9
04W-B30-B00	12	6-13,8	1,92	160	4000	31,0	4,10	32,4	19,1
04W-B40-B00	12	6-13,8	2,64	220	4550	33,5	5,31	36,6	21,5
04W-B50-B00	12	6-13,8	3,12	260	4900	35,0	6,36	39,6	23,3
04W-B60-B00	12	6-13,8	4,80	400	5300	36,0	7,46	42,6	25,1
2410ML-05W-B10-B00	24	10-27,6	1,92	80	2950	23,0	1,81	23,4	13,8
05W-B20-B00	24	10-27,6	2,16	90	3600	28,0	3,26	28,8	16,9
05W-B30-B00	24	10-27,6	1,92	80	4000	31,0	4,10	32,4	19,1
05W-B40-B00	24	10-27,6	2,88	120	4550	33,5	5,31	36,6	21,5
05W-B50-B00	24	10-27,6	3,12	130	4900	35,0	6,36	39,6	23,3
05W-B60-B00	24	10-27,6	4,08	170	5300	36,0	7,46	42,6	25,1



The information contained in this data sheet represents typical performance of the product, and is subject to change without notice. Product performance may be varied or enhanced to meet individual requirements. For further information please contact your local sales office



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 PSA Building, 460 Alexandra Road, #34-02, Singapore 119963 Tel (65) 278 8522 Fax (65) 444 6527



General Specifications

Motor Protection:

Auto Restart/Polarity Protection

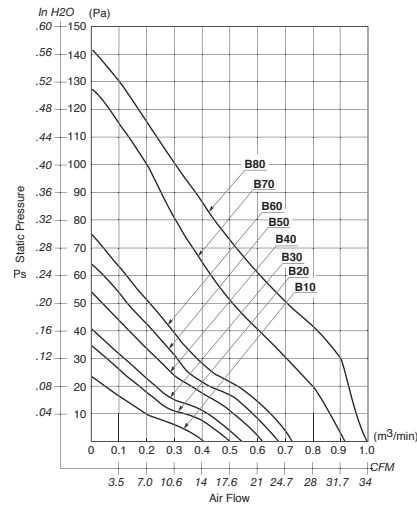
Insulation Resistance: 10M Ω or over with a DC500V Megger

Dielectric Withstand Voltage: AC 700V 1s

Allowable Ambient Temperature Range:

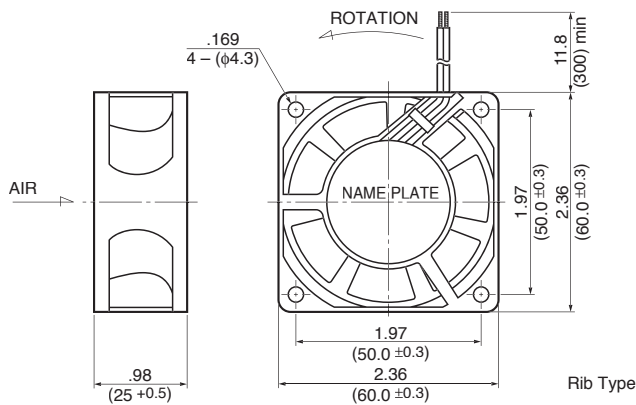
- B80: -10°C ~ +60°C (Operating)
- B70: -10°C ~ +70°C (Operating)
- B50 ~ B60: -10°C ~ +50°C (Operating)
- B10 ~ B40: -10°C ~ +70°C (Operating)
- All Class: -40°C ~ +70°C (Storage)
(non-condensing environment)

Characteristic Curves

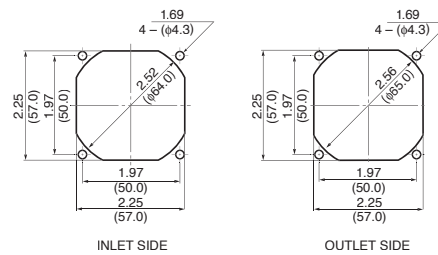


Outline

Units: $\frac{\text{inch}}{\text{mm}}$



Panel Cut-outs



Material

- Casing : Plastic (Black) 94V-0
- Impeller : Plastic (Black) 94V-0
- Bearing : Ball Bearing
- Lead Wire : UL1007, AWG24, +Red, -Black

Specifications

MODEL	Product No.	Rated Voltage	Operating Voltage	Current (A) ^{*1}	Input Power (W) ^{*1}	Speed (min ⁻¹) ^{*1}	Max. Air Flow		Max. Static Pressure		Noise (dB) ^{*1}	Mass (g)
		(V)	(V)				CFM ^{*1}	(m ³ /min) ^{*1}	in H ₂ O	(Pa) ^{*1}		
2410ML-04W-B10-	X00	12	6.0 ~ 13.8	0.07	0.90	2950	13.7	0.39	.08	20.6	23.0	65
2410ML-04W-B20-	X00	12	6.0 ~ 13.8	0.12	1.44	3600	16.9	0.48	.13	31.9	28.0	65
2410ML-04W-B30-	X00	12	6.0 ~ 13.8	0.12	1.44	4000	19.0	0.54	.16	40.2	31.0	65
2410ML-04W-B40-	X00	12	6.0 ~ 13.8	0.17	2.04	4550	21.5	0.61	.20	51.9	33.5	65
2410ML-04W-B50-	X00	12	6.0 ~ 13.8	0.20	2.40	4900	23.3	0.66	.25	62.2	36.5	65
2410ML-04W-B60-	X00	12	6.0 ~ 13.8	0.30	3.60	5300	25.0	0.71	.29	73.0	38.0	65
2410ML-04W-B70-	X00	12	6.0 ~ 13.8	0.44	5.28	6800	33.1	0.94	.50	125	45.0	65
2410ML-04W-B80-	X00	12	6.0 ~ 13.2	0.52	6.20	7800	37.0	1.05	.57	142.5	46.0	65
2410ML-05W-B10-	X00	24	10.0 ~ 27.6	0.06	1.44	2950	13.7	0.39	.08	20.6	23.0	65
2410ML-05W-B20-	X00	24	10.0 ~ 27.6	0.07	1.68	3600	16.9	0.48	.13	31.9	28.0	65
2410ML-05W-B30-	X00	24	10.0 ~ 27.6	0.06	1.44	4000	19.0	0.54	.16	40.2	31.0	65
2410ML-05W-B40-	X00	24	10.0 ~ 27.6	0.09	2.16	4550	21.5	0.61	.20	51.9	33.5	65
2410ML-05W-B50-	X00	24	10.0 ~ 27.6	0.10	2.40	4900	23.3	0.66	.25	62.2	36.5	65
2410ML-05W-B60-	X00	24	10.0 ~ 27.6	0.13	3.12	5300	25.0	0.71	.29	73.0	38.0	65
2410ML-05W-B70-	X00	24	10.0 ~ 25.2	0.19	4.56	6800	33.1	0.94	.50	125	45.0	65

Rotation: Counterclockwise

Airflow Outlet: Air Out Over Struts

*1: Average Values in Free Air