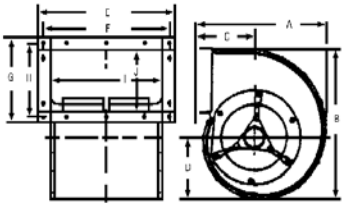
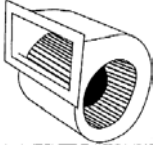


Dual Inlet Centrifugal Blowers



Dual inlet blowers offer a large discharge from a quiet, compact unit. The external rotor motor is inside the forward curved impeller. 115 VAC, 50/60 Hz. See wiring diagram A.

Dimensions

Mfr.'s Type	Dimensions (Inches)									
	A	B	C	D	E	F	G	H	I	J
D2E097-BE	6.38	6.50	3.39	2.68	7.09	6.61	3.94	3.47	5.75	2.64
D2E133-DB	8.03	8.39	3.80	3.68	10.63	10.00	5.59	4.96	9.13	4.02
D4E146-AA	8.11	8.62	3.81	3.86	10.63	10.00	5.59	4.96	9.13	4.02

Stock No.	Mfr.'s Type	Flange	Rotation *	CFM @ 0"	dBA	Watts	Wt. Lbs.	Cap. (µf)	EACH		
									1-9	10-24	25-49
600-2002	D2E097-BE11-77	Yes	L	156	49	54	3.5	8	130.00	119.17	110.00
600-2006	D4E146-AA25-34	Yes	L	400	50	120	8.5	8	201.59	184.79	170.58

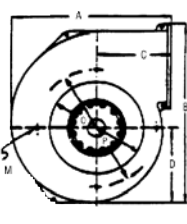
*Rotation as viewed from side opposite the lead exit.

Capacitors and Wiring Diagrams

Capacitors											
Motor Wiring Diagrams											
A. PSC "Type L" Motor											
B. Shaded Pole Motor											

Stock No.	Mfr.'s Type	Size (µf)	Temperature Range (°C)	Dimensions (Inches)				EACH
				a	b	d	e	
600-2022	2161-4-7320	4	-25+85	1.2	3.9	0.51	1.32	21.24
600-2024	2163-4-7320	6	-25+85	1.4	3.9	0.51	1.52	25.40
600-2026	2164-4-7320	7	-25+85	1.6	3.9	0.51	1.72	27.44
600-2028	2165-4-7320	8	-25+85	1.4	3.9	0.51	1.52	29.30
600-2030	2166-4-7320	10	-25+85	1.4	3.9	0.51	1.52	36.81
600-2032	2168-4-7320	16	-25+85	1.8	6.3	0.51	1.90	55.17
600-2034	2169-4-7320	20	-25+85	1.8	6.3	0.51	1.90	69.17

Single Inlet Centrifugal Blowers



ebm's single inlet blowers are supplied with an external rotor motor located inside the forward curved impeller which provides users with an efficient, reliable, space saving design. Easy mounting is provided using the discharge flange or four tapped holes around the inlet. The housing is electrically grounded to the motor. 115 VAC, 50/60 Hz.

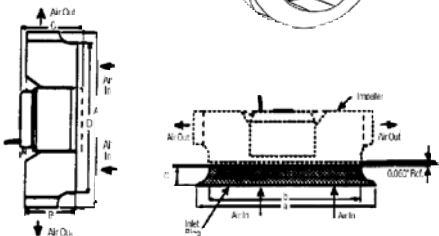
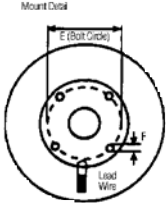
Mfr.'s Type	Notes	Dimensions (Inches)																		
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
G2S097-DB	1	5.63	5.39	2.95	2.44	—	—	—	1.57	1.81	1.57	1.57	N/A	N/A	3.15	3.78	11.8	2.36	.315	
G2E120-AR		6.85	7.48	3.23	3.23	4.53	3.94	3.26	2.68	2.99	1.97	3.23	3.86	M4	.276	3.94	5.20	17.7	3.35	.236
G2E140-AC	2	8.90	10.28	4.05	4.21	5.12	4.53	4.70	4.13	3.70	3.62	3.94	3.94	M4	.248	4.65	6.22	17.7	3.35	.236
G4E160-AB	2	8.90	10.28	4.05	4.21	5.12	4.53	4.70	4.13	3.70	3.62	3.94	3.94	M4	.248	5.12	6.89	17.7	3.35	.236

Note 1: Sheet metal housing. Note 2: Sheet metal housing available on special order.

Stock No.	Mfr.'s Type	CFM @ 0"	dBA	Watts	Wt. Lbs.	Cap. (µf)	Wiring Diagram	EACH		
								1-9	10-24	25-49
600-2012	G2S097-DB61-08	29	45	33	2.0	—	B	85.59	78.45	72.42
600-2014	G2E120-AR54-43	152	62	100	4.5	6	A	142.80	130.90	120.83
600-2016	G2E140-AC13-42	251	67	200	7.5	16	A	186.94	171.36	158.18
600-2018	G4E160-AB15-09	262	67	90	7.0	7	A	219.21	200.94	185.48

*Rotation as viewed from side opposite the lead exit.

Backward Curved Motorized Impellers



The narrow profile of backward curved motorized impellers provides excellent space utilization. The impellers can be used in either evacuating or pressurizing applications and can be mounted horizontally or vertically. Impellers do not require a scrollhousing although an inlet ring is recommended on air inflow. 115 VAC, 50/60 Hz. See wiring diagram A.

Mfr.'s Type	Dimensions (Inches)						No. of Holes
	A	B	C	D	E	F	
R2E133-BB	5.24	2.34	3.58	3.56	2.28	M4	4 × 90°
R2E190-AE	7.48	2.46	2.70	5.16	2.28	M4	4 × 90°
R2E220-AA	8.66	2.48	2.80	6.26	2.28	M4	4 × 90°
R2E225-BB	8.94	3.50	4.21	6.02	2.28	M4	4 × 90°

Stock No.	Mfr.'s Type	CFM @ 0"	dBA	Watts	Wt. Lbs.	Cap. (µf)	Impeller Material	EACH		
								1-9	10-24	25-49
600-4229	R2E133-BB72-13	180	53	30	2.0	4	Plastic	81.60	74.80	69.05
600-4206	R2E190-AE50-29	365	62	85	3.0	8	Plastic	80.67	73.95	68.26
600-4208	R2E220-AA44-23	530	70	100	3.5	10	Plastic	89.48	82.03	75.72
600-4230	R2E225-BB51-09	710	77	215	6.0	20	Plastic	155.04	142.12	131.19

Stock No.	Mfr.'s Type	Impeller Number	Dimensions (Inches)			EACH		
			a	b	c	1-9	10-24	25-49
600-4222	9566-2-4013	133	5.08	3.43	0.51	7.05	6.50	5.96
600-4224	9588-2-4013	190	7.28	5.12	0.67	6.59	6.03	5.57
600-4228	9609-2-4013	220	9.96	6.10	0.79	11.99	10.99	10.04
600-4226	9597-2-4013	225	6.27	5.87	1.10	7.77	7.13	6.51

Axial Fans

Stock No.	Mfr.'s Type	CFM @ 0"	dBA	Watts	Wt. Lbs.	Cap. (µf)	EACH
							1-9
600-4231	W2E250-DB05-51	1060	71	190	7.0	4	177.85
600-4704	W2E250-DB13-51	1060	71	190	9.0	16	184.90
600-4232	W2E300-DA01-51	1589	76	205	6.0	4	160.79
600-4303	W4E350-DA06-01	1877	70	195	6.9	5	316.94
600-4708	W4E350-DA20-51	2040	69	215	15.2	5	326.59

