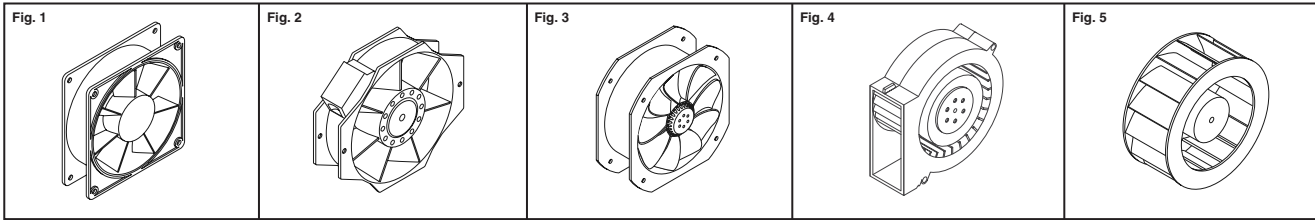


ebmpapst Fans

UL yellow card E38324, CSA file 27697, VDE file 3041, CCC (ACmaxx), CE (ACmaxx)



ACmaxx Tubeaxial Fans: Used in the industrial sector in switch cabinets, filter fans, welding machines, refrigerated shelves or counters, ventilation and air conditioning systems. **Features:** • 85 – 265 volts, 50 and 60 Hertz for worldwide voltages • ≤75% lower power consumption • Fans have integrated intelligence for flexibility in applications • High volume flow

Fig.	Size (mm)	Bearing	Voltage	Input Watts	CFM @ 0	dBA	Leads	Digi-Key Part No.	1	25	50	100	ebmpapst Ind. Part No.
ACmaxx Tubeaxial Fans — RoHS Compliant													
1	92 x 38	Ball	115/230	11	86	55	22 AWG 12.2" Leads	381-2284-ND	68.15	52.20	47.85	42.05	AC3200JH
	119 x 32	Ball	115/230	11	120	51	22 AWG 12.2" Leads	381-2285-ND	60.04	45.99	42.16	37.05	AC4300H
	178 x 165 x 50	Ball	115/230	12	206	50	22 AWG 12.2" Leads	381-2286-ND	83.50	73.07	66.80	58.45	AC6200NM
AC Tubeaxial Fans													
1	80 x 38	Sleeve	115	8	21	21	18 AWG 12.2" Leads	381-1057-ND	39.13	29.97	27.48	24.15	8830N
		Sleeve	115	11	28	28	18 AWG 12.2" Leads	381-1106-ND	39.60	30.33	27.81	24.44	8800N
		Sleeve	115	11	34	41	.110"x.02" Terminals	381-1051-ND	33.72	25.83	23.68	20.81	8500A
		Sleeve	115	11	36	34	18 AWG 12.2" Leads	381-1103-ND	35.96	27.54	25.25	22.19	8500N
		Sleeve	115	11	36	34	18 AWG 12.2" Leads	381-1102-ND	40.77	31.23	28.63	25.16	8500DP
		Sleeve	230	11	36	34	18 AWG 12.2" Leads	381-1105-ND	35.72	27.36	25.08	22.04	8550N
	92 x 25	Ball	115	11	36	34	22 AWG 12.2" Leads	381-1052-ND	37.13	28.44	26.07	22.91	8500VV
		Ball	115	11	36	35	22 AWG 12.2" Leads	381-1104-ND	42.89	32.85	30.12	26.47	8506N
		Ball	115	11	36	34	22 AWG 12.2" Leads	381-1053-ND	40.73	35.19	32.36	27.51	8506VV
		Ball	115	9	41	40	.110"x.02" Terminals	381-1076-ND	39.13	29.97	27.48	24.15	3906
		Ball	115	11	52	42	18 AWG 12.2" Leads	381-1075-ND	47.71	36.54	33.50	29.44	3606
		119 x 25	Ball	115	8	59	35	.110"x.02" Terminals	381-1107-ND	42.18	32.31	29.62	26.03
	Ball		115	12	79	42	.110"x.02" Terminals	381-1078-ND	42.18	32.31	29.62	26.03	9906
	Ball		230	12	79	42	.110"x.02" Terminals	381-1079-ND	42.18	32.31	29.62	26.03	9956
	119 x 38	Sleeve	115	12	71	32	.110"x.02" Terminals	381-1026-ND	42.18	32.31	29.62	26.03	4530Z
		Sleeve	230	19	94	40	.110"x.02" Terminals	381-1033-ND	33.49	25.65	23.52	20.67	4650Z
		Ball	230	19	94	40	.110"x.02" Terminals	381-1035-ND	44.65	34.20	31.35	27.55	4656Z
		Sleeve	115	18	106	50	.110"x.02" Terminals	381-1089-ND	34.78	26.64	24.42	21.46	4600N
		Sleeve	115	18	106	50	.110"x.02" Terminals	381-1090-ND	29.02	22.23	20.38	17.91	4600X
		Sleeve	230	18	106	50	.110"x.02" Terminals	381-1093-ND	34.78	26.64	24.42	21.46	4650N
		Sleeve	230	18	106	50	.110"x.02" Terminals	381-1094-ND	32.43	24.84	22.77	20.01	4650X
		Ball	115	18	106	51	.110"x.02" Terminals	381-1091-ND	41.95	32.13	29.46	25.89	4606N
		Ball	230	18	106	51	.110"x.02" Terminals	381-1095-ND	42.42	32.49	29.79	26.18	4656X
		Ball	115	18	106	45	.118"x.02" Terminals	381-1030-ND	44.89	34.38	31.52	27.70	4606VX
Ball		230	18	106	45	.118"x.02" Terminals	381-1034-ND	60.28	46.17	42.33	37.20	4656VX-817	
Sleeve		115	18	106	45	.110"x.02" Terminals	381-1029-ND	37.48	28.71	26.32	23.13	4600Z	
Ball	115	18	106	45	.110"x.02" Terminals	381-1031-ND	45.71	35.01	32.10	28.21	4606Z		
Ball	115	18	106	45	22 AWG 12.2" Leads	381-1092-ND	48.18	36.90	33.83	29.73	4606ZW		
127 x 38	Ball	115	17	121	47	.110"x.02" Terminals	381-1119-ND	49.82	38.16	34.98	30.74	5908-105	
	Sleeve	115	17	121	47	.110"x.02" Terminals	381-1120-ND	47.24	36.18	33.17	29.15	5900-505	
135 x 38	Ball	230	26	159	50	.110"x.02" Terminals	381-1096-ND	85.78	65.70	60.23	52.93	5656S	
2	150 x 55	Ball	115	38	225	52	20 AWG 13.3" Leads	381-1121-ND	84.13	64.44	59.07	51.91	W2S130-AA25-01
		Ball	230	46	250	60	20 AWG 13.3" Leads	381-1123-ND	84.13	64.44	59.07	51.91	W2S130-BM03-01
		Ball	115	46	263	60	20 AWG 13.3" Leads	381-1124-ND	76.38	58.50	53.63	47.13	W2S130-BM15-01
	172 x 51	Ball	115	26	260	58	PSC 0.11" Terminals	381-1065-ND	103.52	79.29	72.69	63.88	W2E143-AA15-01
		Ball	230	29	295	58	PSC 0.11" Terminals	381-1066-ND	108.81	83.34	76.40	67.14	W2E143-AB09-01
		Ball	230	28	230	57	0.11" Terminals	381-1062-ND	100.93	77.31	70.87	62.28	W2E142-BB01-01
172 x 150 x 38	Ball	115	24	230	57	0.11" Terminals	381-1063-ND	132.31	101.34	92.90	81.64	W2E142-BB05-01	
	Ball	115	80	606	61	Terminal Block	381-2281-ND	154.40	135.10	123.52	108.08	W2E200-HK86-01	
AC Flatpak Blowers — RoHS Compliant													
4	121 x 37	Sleeve	115	20	25	60	22 AWG 12.2" Leads	381-1058-ND	54.05	41.40	37.95	33.35	RL90-18/00
		Sleeve	230	20	25	60	22 AWG 12.2" Leads	381-1061-ND	61.69	47.25	43.32	38.07	RL90-18/50

Please Note: Custom Fan Cable Assemblies available upon request. ♦ RoHS Compliant

Fig.	Size (mm)	Voltage	Voltage Range	Bearing	Watts	CFM @ 0	dBA	Leads	Digi-Key Part No.	1	25	50	100	ebmpapst Ind. Part No.	
Brushless DC Tubeaxial Fans															
1	40 x 10	12	10-14	Sleeve	0.8	5.3	26	28 AWG 12.2" Leads	381-1081-ND	12.93	9.90	9.08	7.98	412FH	
		24	20-28	Sleeve	0.8	4.7	22	28 AWG 12.2" Leads	381-1082-ND	13.16	10.08	9.24	8.12	414F	
	40 x 20	12	10-14	Sleeve	1.0	5.9	18	28 AWG 12.2" Leads	381-1069-ND	13.16	10.08	9.24	8.12	412	
		24	20-28	Sleeve	1.0	5.9	18	28 AWG 12.2" Leads	381-1070-ND	14.81	11.34	10.40	9.14	414	
	40 x 25	12	8-14	Ball	3.3	14	46	28 AWG 12.2" Leads	381-1125-ND	34.31	26.28	24.09	21.17	412JHH	
		24	18-27	Ball	3.6	14	46	28 AWG 12.2" Leads	381-1126-ND	34.31	26.28	24.09	21.17	414JHH	
	60 x 25	12	8-15	Ball	.53	12.4	22	22 AWG 12.2" Leads	381-2266-ND	27.14	20.79	19.06	16.75	622L	
			8-15	Ball	1.9	23.5	36	22 AWG 12.2" Leads	381-2267-ND	27.14	20.79	19.06	16.75	622N	
			8-15	Ball	2.3	27.1	39	22 AWG 12.2" Leads	381-2264-ND	28.67	21.96	20.13	17.69	622H	
			8-15	Ball	3.5	33	43	22 AWG 12.2" Leads	381-2265-ND	28.67	21.96	20.13	17.69	622HH	
			18-28	Ball	1	12.4	22	22 AWG 12.2" Leads	381-2270-ND	27.14	20.79	19.06	16.75	624L	
			18-28	Ball	1.5	17.7	29	22 AWG 12.2" Leads	381-2271-ND	27.14	20.79	19.06	16.75	624M	
		24	18-28	Ball	2.2	23.5	36	22 AWG 12.2" Leads	381-2272-ND	27.14	20.79	19.06	16.75	624N	
			18-28	Ball	2.3	27.1	39	22 AWG 12.2" Leads	381-2268-ND	28.67	21.96	20.13	17.69	624H	
			18-28	Ball	3.6	33	43	22 AWG 12.2" Leads	381-2269-ND	28.67	21.96	20.13	17.69	624HH	
			12	7-13.6	Ball	7.7	41.1	53	24 AWG 12.2" Leads	381-2282-ND	37.13	28.44	26.07	22.91	612JH
			24	14-26.4	Ball	7.7	41.1	53	24 AWG 12.2" Leads	381-2283-ND	37.13	28.44	26.07	22.91	614JH
			70 x 15	12	8-13.8	Sintec	1.7	26	36	28 AWG 12.2" Leads	381-1128-ND	27.14	20.79	19.06	16.75
	24	12-30		Sintec	1.7	26	36	28 AWG 12.2" Leads	381-1127-ND	27.14	20.79	19.06	16.75	714F	

Please Note: Custom Fan Cable Assemblies available upon request. * Requires Mating Housing Connector H10117 and Contacts H10119 ♦ RoHS Compliant

(Continued)

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ebmpapst Fans (Cont.)

Fig.	Size (mm)	Voltage	Voltage Range	Bearing	Watts	CFM @ 0	dBA	Leads	Digi-Key Part No.	1	25	50	100	ebmpapst Ind. Part No.
1	80 x 25	12	7-15	Ball	0.8	21	21	24 AWG 12.2" Leads	381-1101-ND	23.62	18.09	16.59	14.58	8412L
			7-15	Ball	1.4	27	29	24 AWG 12.2" Leads	381-1049-ND	23.62	18.09	16.59	14.58	8412M
			7-15	Ball	2.4	33	35	24 AWG 12.2" Leads	381-1010-ND	23.62	18.09	16.59	14.58	8412
		24	12-28	Ball	1.4	27	29	24 AWG 12.2" Leads	381-1050-ND	23.62	18.09	16.59	14.58	8414M
			12-28	Ball	2.4	33	35	24 AWG 12.2" Leads	381-1011-ND	23.62	18.09	16.59	14.58	8414
			6-15	Ball	1.8	28	34	22 AWG 12.2" Leads	381-1048-ND	31.02	23.76	21.78	19.14	8312M
	80 x 32	12	6-15	Ball	2.2	32	36	22 AWG 12.2" Leads	381-1008-ND	31.02	23.76	21.78	19.14	8312
			6-15	Ball	4	39	43	22 AWG 12.2" Leads	381-1133-ND	31.02	23.76	21.78	19.14	8312HL
			36-56	Ball	2.6	32	36	22 AWG 12.2" Leads	381-1077-ND	31.02	23.76	21.78	19.14	8318
	80 x 38	12	7-13.8	Ball	10	77.7	55	24 AWG 12.2" Leads	381-2273-ND	42.65	32.67	29.95	26.32	8212JN
			8-16	Ball	3	35	39	22 AWG 12.2" Leads	381-1100-ND	60.20	52.02	47.85	40.64	8112K
			18-26.4	Ball	10	77.7	55	24 AWG 12.2" Leads	381-2274-ND	42.65	32.67	29.95	26.32	8214JN
	92 x 25	12	7-15	Ball	1.3	36	27	24 AWG 12.2" Leads	381-1080-ND	24.56	18.81	17.25	15.16	3412L
			7-15	Ball	1.8	42	32	24 AWG 12.2" Leads	381-1012-ND	24.56	18.81	17.25	15.16	3412M
			12-28	Ball	2.6	49	36	24 AWG 12.2" Leads	381-1001-ND	24.56	18.81	17.25	15.16	3414
	92 x 32	12	18-28	Ball	2.3	49.4	32	24 AWG 12.2" Leads	381-1160-ND	27.14	20.79	19.06	16.75	3414N
			6-15	Ball	2.4	47	37	22 AWG 12.2" Leads	381-1073-ND	31.26	23.94	21.95	19.29	3312
			24	12-28	Ball	2.4	47	37	22 AWG 12.2" Leads	381-1074-ND	31.26	23.94	21.95	19.29
	119 x 25	12	7-14	Ball	3.2	82	38	22 AWG 12.2" Leads	381-1024-ND	29.85	22.86	20.96	18.42	4412FM
			12-28	Ball	3.2	82	38	22 AWG 12.2" Leads	381-1025-ND	31.26	23.94	21.95	19.29	4414FM
			6-15	Ball	2.6	82	39	22 AWG 12.2" Leads	381-1021-ND	32.20	24.66	22.61	19.87	4312M
	119 x 32	12	6-15	Ball	5	100	45	22 AWG 12.2" Leads	381-1002-ND	32.20	24.66	22.61	19.87	4312
			6-15	Ball	5	100.1	45	22 AWG 12.2" Leads	381-2263-ND	34.31	26.28	24.09	21.17	4312/2
			24	12-28	Ball	2.6	82	39	22 AWG 12.2" Leads	381-1023-ND	32.20	24.66	22.61	19.87
	119 x 38	12	12-28	Ball	5	100	45	22 AWG 12.2" Leads	381-1003-ND	32.20	24.66	22.61	19.87	4314
			36-53	Ball	5	100	45	22 AWG 12.2" Leads	381-1004-ND	35.72	27.36	25.08	22.04	4318
			7-14.5	Ball	1.2	51	29	22 AWG 12.2" Leads	381-1016-ND	42.42	32.49	29.79	26.18	4212L
	127 x 38	12	7-14.5	Ball	2.2	75	38	22 AWG 12.2" Leads	381-1017-ND	42.42	32.49	29.79	26.18	4212M
			7-15	Ball	4.5	106	49	.110" x .02" Terminals	381-1014-ND	46.18	35.37	32.43	28.50	4182NX
			7-14.5	Ball	5.3	108	49	22 AWG 12.2" Leads	381-1084-ND	42.42	32.49	29.79	26.18	4212H
	127 x 38	12	7-15	Ball	21	162	60	22 AWG 12.2" Leads	381-1142-ND	113.39	86.85	79.62	69.97	DV4112/2NP-3021
			9-15	Ball	21	161.9	60	22 AWG 12.2" Leads	381-2275-ND	77.00	67.38	61.60	53.90	DV4112N
			12-28	Ball	5.3	108	49	22 AWG 12.2" Leads	381-1085-ND	42.42	32.49	29.79	26.18	4214H
	127 x 38	24	12-29	Ball	4.5	106	49	.110" x .02" Terminals	381-1015-ND	53.35	40.86	37.46	32.92	4184NX
			12-25	Ball	11	140	59	22 AWG 12.2" Leads	381-1139-ND	54.17	41.49	38.04	33.43	4114NXH
			12-25	Ball	11	140	59	.110" x .02" Terminals	381-1134-ND	56.52	43.29	39.69	34.88	4184NXH
	127 x 38	24	16-30	Ball	19.5	182.4	65	22 AWG 12.2" Leads	381-1161-ND	75.32	57.69	52.89	46.48	4114NH3
			16-30	Ball	21	161.9	60	22 AWG 12.2" Leads	381-2276-ND	77.00	67.38	61.60	53.90	DV4114N
			36-56	Ball	5.6	108	49	.110 x .02" Terminals	381-1087-ND	46.88	35.91	32.92	28.93	4298H
	127 x 38	24	36-56	Ball	16	157	63	22 AWG 10.6" Leads	381-1138-ND	163.91	125.55	115.09	101.14	W1G110-AG07-06
			36-60	Ball	21	161.9	60	22 AWG 12.2" Leads	381-2277-ND	77.00	67.38	61.60	53.90	DV4118N
			36-56	Ball	19.5	182.4	65	22 AWG 12.2" Leads	381-1162-ND	69.09	52.92	48.51	42.63	4118N/2H3
	127 x 38	12	8-16	Ball	4.5	118	44	.110" x .02" Terminals	381-1115-ND	68.15	52.20	47.85	42.05	W2G115-AD15-13
			7-14	Ball	6	127	46	22 AWG 12.2" Leads	381-1131-ND	49.12	37.62	34.49	30.31	5212NN
			9-15	Ball	21	158.9	56	22 AWG 12.2" Leads	381-2278-ND	79.00	69.13	63.20	55.30	DV5212N
	127 x 38	24	12-28	Ball	6	127	46	22 AWG 12.2" Leads	381-1132-ND	49.12	37.62	34.49	30.31	5214NN
			16-30	Ball	21	158.9	56	22 AWG 12.2" Leads	381-2279-ND	79.00	69.13	63.20	55.30	DV5214N
			16-28	Ball	12	160	52	.110" x .02" Terminals	381-1068-ND	87.19	66.78	61.22	53.80	W2G115-AG71-12
127 x 38	48	36-60	Ball	21	158.9	56	22 AWG 12.2" Leads	381-2280-ND	79.00	69.13	63.20	55.30	DV5218N	
		43-53	Ball	22	159	56	22 AWG 12.2" Leads	381-1147-ND	129.02	98.82	90.59	79.61	DV5218/2NP-40182	
		12-28	Ball	18	241	57	.118" x .02" Terminals	381-1005-ND	85.78	65.70	60.23	52.93	6424	
172 x 51	24	12-28	Ball	26	283	61	.118" x .02" Terminals	381-1043-ND	99.52	76.23	69.88	61.41	6224NH	
		12-28	Ball	26	283	63	.118" x .02" Terminals	381-1046-ND	102.93	78.84	72.27	63.51	6424H	
		16-30	Ball	37	318	63	22 AWG 12.2" Leads	381-1156-ND	111.10	97.22	88.88	77.77	DV6224	
172 x 51	48	28-60	Ball	17	241	55	.118" x .02" Terminals	381-1045-ND	85.78	65.70	60.23	52.93	6248N	
		40-60	Ball	37	318	63	22 AWG 12.2" Leads	381-1157-ND	111.10	97.22	88.88	77.77	DV6248	

DC Flatpak Blowers

4	76 x 27	12	8-13.5	Ball	5	16.5	51	22 AWG 12.2" Leads	381-1148-ND	40.54	31.05	28.47	25.02	RL48-19/12
		24	18-26.4	Ball	5	16.5	51	22 AWG 12.2" Leads	381-1149-ND	34.78	26.64	24.42	21.46	RL48-19/14
	97 x 93.5 x 33	12	8-12	Ball	12.5	32.4	62	26 AWG 12.2" Leads	381-1150-ND	49.12	37.62	34.49	30.31	RL65-21/12/2
		12	7-15	Ball	5	24	58	22 AWG 12.2" Leads	381-1059-ND	61.92	47.43	43.48	38.21	RL90-18/12N
	121 x 37	24	12-28	Ball	5	24	58	22 AWG 12.2" Leads	381-1060-ND	61.92	47.43	43.48	38.21	RL90-18/14N
		12	8-15	Ball	8	37.7	60	22 AWG 12.2" Leads	381-1151-ND	72.20	63.18	57.76	50.54	RLF100-11/12
127 x 25	24	6-30	Ball	8	37.7	60	22 AWG 12.2" Leads	381-1152-ND	72.20	63.18	57.76	50.54	RLF100-11/14	

Please Note: Custom Fan Cable Assemblies available upon request. * Requires Mating Housing Connector H10117 and Contacts H10119 ◆ RoHS Compliant

Fig.	Size (mm)	Voltage	Voltage Range	CFM @ 0	dBA	Watts	Impeller Material	Digi-Key Part No.	1	25	50	100	ebmpapst Ind. Part No.
DC Motorized Impellers													
5	102 x 52	12	11-13	90	69	13.5	Plastic	381-1129-ND	117.15	89.73	82.26	72.29	RER101-36/12/12P

Fig.	Size (mm)	Voltage	Input Watts	CFM @ 0	dBA	Impeller Dimensions Inches (mm)	Capacitor	Impeller Material	Digi-Key Part No.	1	25	50	100	ebmpapst Ind. Part No.
AC Backward Curved Motorized Impellers — RoHS Compliant														
5	220 x 71	115	96	500	71	8.66" (220) x 2.8" (71)	10	Plastic	381-1110-ND	104.81	80.28	73.59	64.67	R2E220-AA44-23
		230	100	530	71	8.66" (220) x 2.8" (71)	2	Plastic	381-1109-ND	104.81	80.28	73.59	64.67	R2E220-AA40-23

Fig.	Size (mm)	Voltage	Input Watts	CFM @ 0	dBA	Impeller Dimensions Inches (mm)	Impeller Material	Digi-Key Part No.	1	25	50	100	ebmpapst Ind. Part No.	
DC Backward Curved Motorized Impellers — RoHS Compliant														
5	133 x 91	24	28	212	63	5.25" (133) x 2.39" (60.6)	Plastic	381-1154-ND	190.90	167.04	152.72	133.63	R1G133-AA17-02	
		48	36	330	65	6.9" (175) x 2.72" (69)	Plastic	381-1159-ND	150.80	131.95	120.64	105.56	R1G175-AB41-02	

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