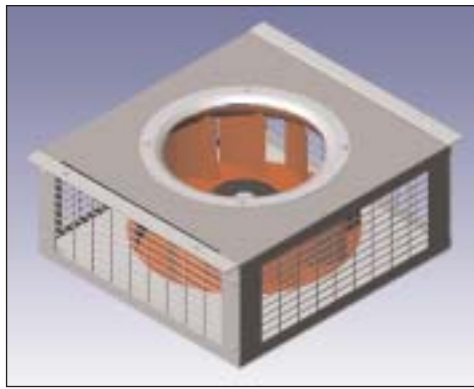


PAGODA SERIES PACKAGED IMPELLERS



KP2E225/63

STANDARD FEATURES

- Baked Powder Finish
- Capacities: 180 to 1295 CFM
- Compact size
- Occupies no internal cabinet space
- Low noise level
- Heavy-gauge steel enclosure
- Precision balanced external rotor design
- Exhaust guards included
- Ball-bearing motors
- Three foot [0.9m] (minimum) SJT 3-wire power cord

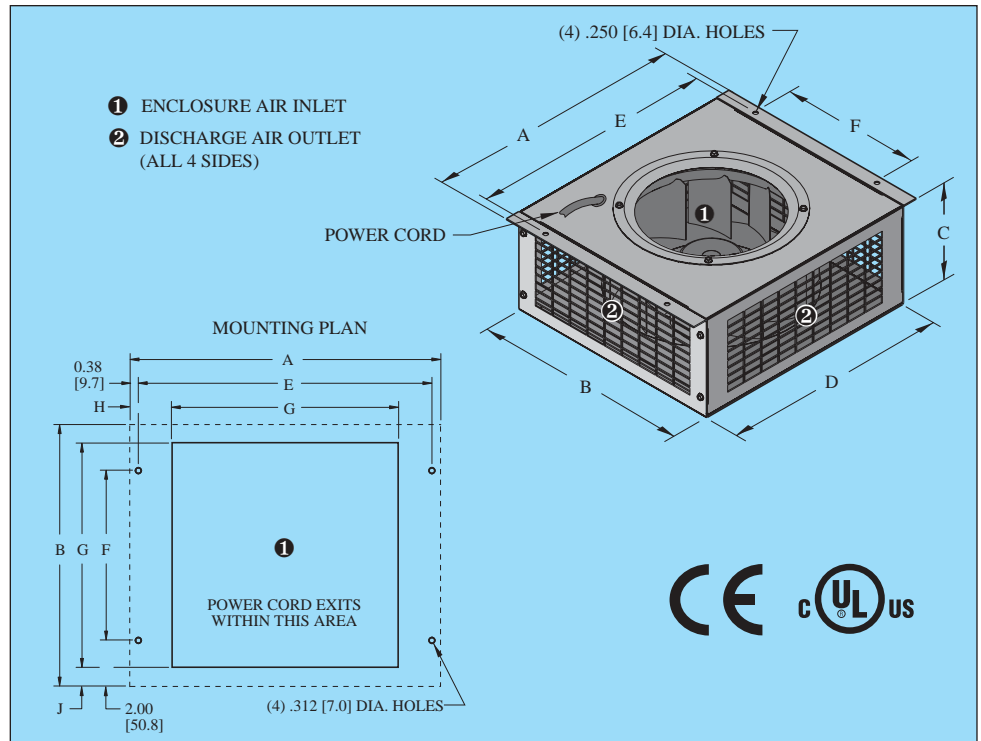
TECHNICAL DATA**

Model	Type	CFM@ 0" S.P.	Cutoff S.P.
KP2E195/35	2-Pole	320	1.80
KP2E220/45	2-Pole	550	2.00
KP2E225/40	2-Pole	588	2.60
KP2E225/63	2-Pole	682	2.70
KP2E250/56	2-Pole	953	2.90
KP2E280/40	2-Pole	971	3.10
KP4E195/35	4-Pole	180	0.57
KP4E225/63	4-Pole	430	0.70
KP4E250/56	4-Pole	540	0.81
KP4E280/80	4-Pole	900	1.00
KP4E315/101	4-Pole	1295	1.20

Model	Amps	Watts	Approximate Weight	
			Lbs.	[kg]
KP2E195/35	0.66	73	11.3	5.1
KP2E220/45	0.98	109	10.2	4.6
KP2E225/40	1.16	139	13.3	6.0
KP2E225/63	1.64	191	13.5	6.1
KP2E250/56	2.17	256	16.7	7.6
KP2E280/40	2.06	236	17.2	7.8

KP4E195/35	0.32	32	11.1	5.0
KP4E225/63	0.35	38	11.7	5.3
KP4E250/56	2.17	256	14.9	6.8
KP4E280/80	0.89	98	15.6	7.1
KP4E315/101	1.54	169	17.8	8.1

** 115V/60Hz Performance



DIMENSIONS (inches [metric])

Model	A	B	C	D	E	F	G
KP2E195/35	13.50 [342.9]	11.38 [289.1]	5.18 [131.6]	12.00 [304.8]	12.75 [323.9]	7.38 [187.5]	8.61 [218.7]
KP2E220/45	13.50 [342.9]	11.38 [289.1]	5.18 [131.6]	12.00 [304.8]	12.75 [323.9]	7.38 [187.5]	9.50 [241.3]
KP2E225/40	13.50 [342.9]	11.38 [289.1]	5.18 [131.6]	12.00 [304.8]	12.75 [323.9]	7.38 [187.5]	9.50 [241.3]
KP2E220/63	13.50 [342.9]	11.38 [289.1]	5.18 [131.6]	12.00 [304.8]	12.75 [323.9]	7.38 [187.5]	9.50 [241.3]
KP2E250/56	15.50 [393.7]	13.38 [339.9]	7.00 [177.8]	14.00 [355.6]	14.75 [374.7]	9.38 [238.3]	9.50 [241.3]
KP2E280/40	15.50 [393.7]	13.38 [339.9]	7.00 [177.8]	14.00 [355.6]	14.75 [374.7]	9.38 [238.3]	13.10 [332.7]
KP4E195/35	13.50 [342.9]	11.38 [289.1]	5.18 [131.6]	12.00 [304.8]	12.63 [320.7]	7.38 [187.5]	8.61 [218.7]
KP4E225/63	13.50 [342.9]	11.38 [289.1]	5.18 [131.6]	12.00 [304.8]	12.63 [320.7]	7.38 [187.5]	9.50 [241.3]
KP4E250/56	15.50 [393.7]	13.38 [339.9]	7.00 [177.8]	14.00 [355.6]	14.63 [371.5]	9.38 [238.3]	9.50 [241.3]
KP4E280/80	15.50 [393.7]	13.38 [339.9]	7.00 [177.8]	14.00 [355.6]	14.63 [371.5]	9.38 [238.3]	13.10 [332.7]
KP4E315/101	15.50 [393.7]	13.38 [339.9]	7.00 [177.8]	14.00 [355.6]	14.63 [371.5]	9.38 [238.3]	12.27 [311.7]

Model	H	J
KP2E195/35	2.45 [62.2]	1.39 [35.3]
KP2E220/45	2.00 [50.8]	0.94 [23.9]
KP2E225/40	2.00 [50.8]	0.94 [23.9]
KP2E220/63	2.00 [50.8]	0.94 [23.9]
KP2E250/56	3.00 [75.2]	1.94 [49.3]
KP2E280/40	1.20 [30.5]	0.14 [3.6]
KP4E195/35	2.45 [62.2]	1.39 [35.3]
KP4E225/63	2.00 [50.8]	0.94 [23.9]
KP4E250/56	3.00 [76.2]	1.94 [49.3]
KP4E280/80	1.20 [30.5]	0.14 [3.6]
KP4E315/101	1.61 [40.9]	0.56 [14.2]

Versatile Mounting:
Mount on cabinet's top,
side or even bottom!



DESCRIPTION

The Pagoda Series uses backward curved impeller blowers for maximum efficiency and performance at reduced noise levels and have been designed for mounting on the top or sides of the cabinet. Air flows out of the cabinet into the inlet of the blower, exiting on all four sides.

The Pagoda is available in standard and custom sizes to accommodate 230 volts and 50 and 60 Hz and in various sizes, flows and static pressures for a wide range of applications. All units are UL, cUL and CE approved.

PRELIMINARY DATA - CONTACT FACTORY PRIOR TO ORDERING

PAGODA SERIES PACKAGED IMPELLERS PERFORMANCE CHARTS

Airflow vs. static pressure curves are shown for 60 Hz inputs. Static pressure is in inches of water.

CONVERSION FACTORS

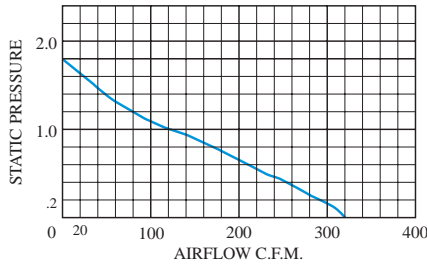
Multiply airflow in cubic feet per minute (CFM) by:

- 1.7 to obtain airflow in cubic meters per hour (m³/hr.)
- 0.47 to obtain airflow in liters per second (L/S)

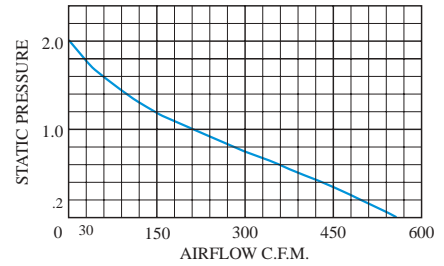
Multiply static pressure in inches of water ("H₂O) by:

- 25.4 to obtain static pressure in millimeters of water (mm H₂O)
- 249 to obtain static pressure in Pascals (Pa)

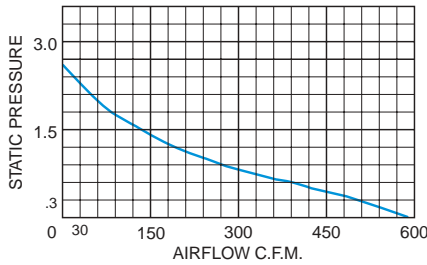
KP2E195/35



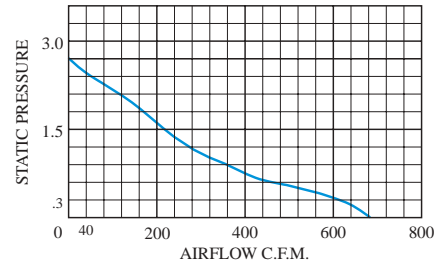
KP2E220/45



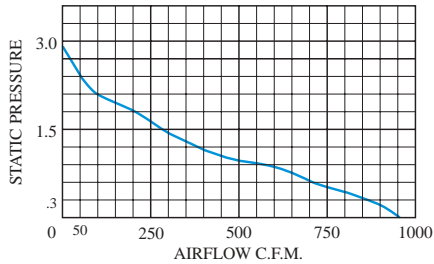
KP2E225/40



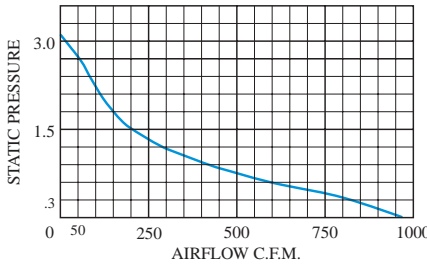
KP2E225/63



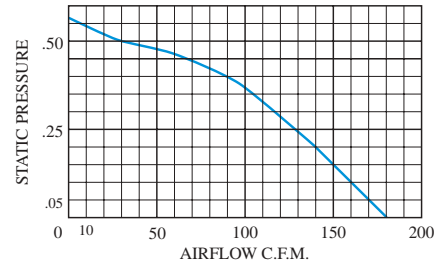
KP2E250/56



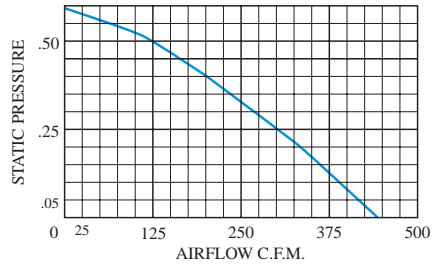
KP2E280/40



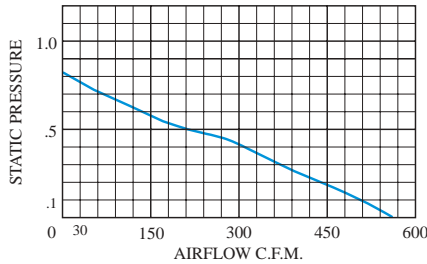
KP4E195/35



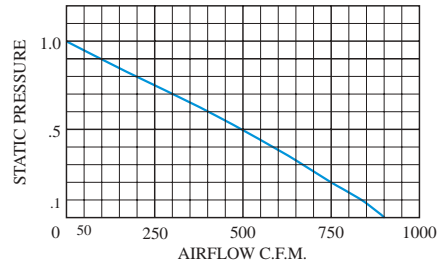
KP4E225/63



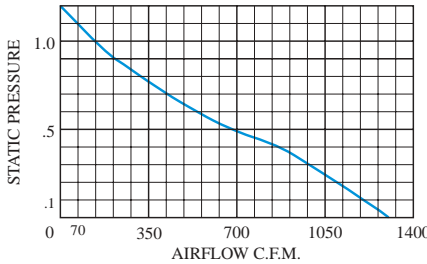
KP4E250/56



KP4E280/80



KP4E315/101



HOW TO ORDER

Specify model number. For 230 VAC operation, add a 2 after the K. Example: K2P4E280/80.

For assistance in model selection, refer to the *Blower and Fan Selection Guides*, contact **KOOLTRONIC**, or use one of our design aid software programs, available **FREE**.

CALL 1-800-321-KOOL (5665)
or FAX 609-466-1114

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