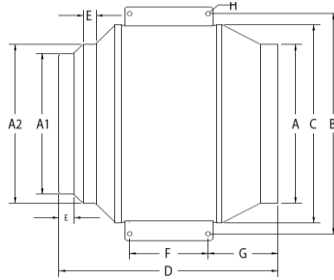


# KD EC SERIES

Inline Mixed Flow Fan



### Dimensional Diagram:



**Dimensional Table:**

Model	A	A1	A2	B	C	D	E	F	G	H
KD 300F EC	12.0 (305)	12.0 (305)	14.0 (356)	20.25 (514)	17.875 (454)	18.875 (479)	0.875 (22)	4.0 (102)	8.75 (222)	0.375 (10)
KD 355F EC	14.0 (356)	14.0 (356)	16.0 (406)	22.125 (562)	19.75 (502)	20.25 (514)	1.5 (38)	4.0 (102)	8.75 (222)	0.375 (10)
KD 400E EC	16.0 (406)	14.0 (356)	16.0 (406)	22.125 (562)	19.75 (502)	18.75 (476)	1.5 (38)	4.0 (102)	7.125 (181)	0.375 (10)
KD 400D EC	16.0 (406)	16.0 (406)	18.0 (457)	24.375 (619)	22.125 (562)	23.75 (603)	1.25 (32)	7.875 (200)	8.5 (216)	0.5 (13)
KD 450D EC	18.0 (457)	18.0 (457)	20.0 (508)	28.625 (727)	26.125 (664)	27.125 (689)	1.25 (32)	7.875 (200)	7.0 (178)	0.5 (13)
KD 500D EC	20.0 (508)	18.0 (457)	20.0 (508)	28.625 (727)	26.125 (664)	27.125 (689)	2.0 (51)	7.875 (200)	12.50 (318)	0.5 (13)

Dimensions are in inches (mm)

### Performance Data:

Certified Data

Model	Energy Star	Rated Power W	Voltage Phase V/~/	Max Amp A	RPM min <sup>-1</sup>		Static Pressure (inch W.C.)							Max P <sub>s</sub>	Item #
							0.00	0.25	0.50	0.75	1.00	1.25	1.50		
KD 300F EC	NO	395	120 / 1	3.40	1698	CFM Sone	1936 -	1777 -	1601 16	1380 -	971 -	532 -	210 -	1.68	37331
KD 355F EC	NO	450	120 / 1	3.60	1424	CFM Sone	2430 -	2223 -	1988 13	1681 -	1141 -	575 -	157 -	1.59	37332
KD 400E EC	NO	1082	230 / 1	4.60	1535	CFM Sone	4250 -	4000 -	3667 18	3271 -	2688 -	1875 -	1244 -	2.24	44680
KD 400D EC	NO	1965	460 / 3	2.80	1909	CFM Sone	5150 -	4955 -	4744 26	4500 -	4243 -	3897 -	3456 -	3.51	44681
KD 450D EC	NO	1979	460 / 3	2.60	1612	CFM Sone	5921 -	5729 -	5460 25	5185 -	4869 -	4564 -	4184 -	3.13	44682
KD 500D EC	NO	2002	460 / 3	2.60	1597	CFM Sone	5967 -	5700 -	5467 26	5267 -	4967 -	4633 -	4258 -	3.12	44683

Performance certified is for installation type D: Ducted inlet, Ducted outlet.

Speed (RPM) shown is nominal. Performance is based on actual speed of test.

Performance ratings do not include the effects of appurtenances (accessories).

The sound ratings shown are loudness values in fan sones at 1.5 m (5 ft) in a hemispherical free field calculated per AMCA International Standard 301.

Values shown are for Installation type D: ducted inlet hemispherical sone levels. Ratings do not include the effects of duct end correction.

All sone values shown are calculated at 0.5" (static pressure in inches W.G.).

### Certifications:



Systemair Mfg. Inc. certifies that the KD EC series shown herein is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.