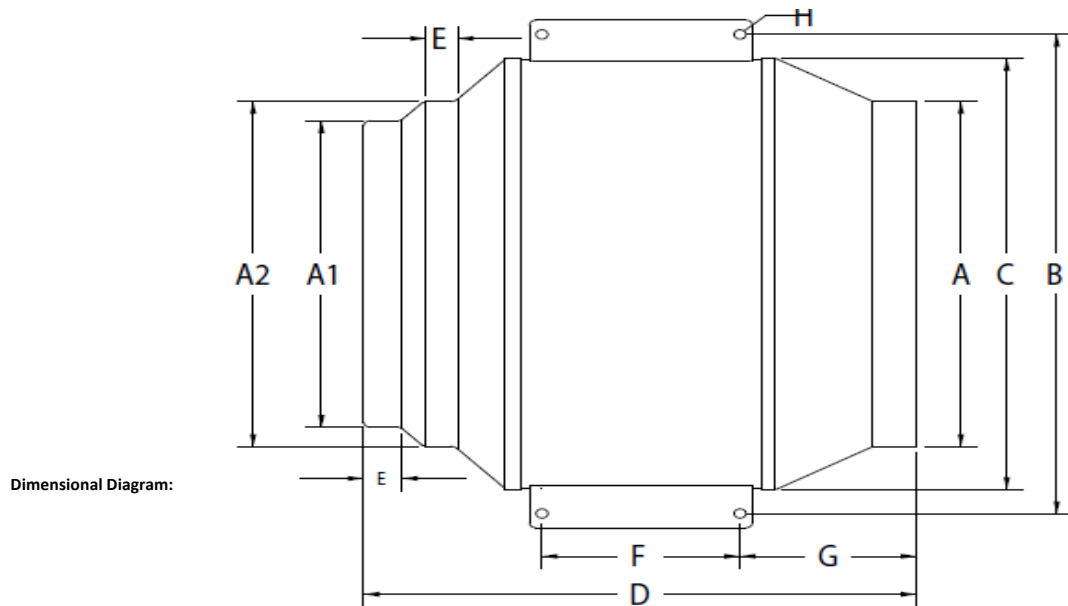


KD SERIES

Inline Mixed Flow Fan



Dimensional Table:

Model	A	A1	A2	B	C	D	E	F	G	H
KD 8XL-EF**	8	-	-	14	12 1/2	15 1/2	3/4	2 3/8	6 1/8	3/8
KD 10-EF**	10	-	-	14	12 1/2	15 1/2	3/4	2 3/8	5	3/8
KD 10XL-EF**	10	-	-	15 5/8	14	15	3/4	2 3/8	6 3/8	3/8
KD12-EF**	12	-	-	15 5/8	14	12 1/2	3/4	2 3/8	5 1/8	3/8
FD 12XL-EF**	12	12	14	20 1/4	17 7/8	18 7/8	7/8	4	8 3/4	3/8
KD14-EF**	14	12	14	20 1/4	17 7/8	17 1/4	1	1	6 3/4	3/8
KD 14XL-EF**	14	14	16	22 1/8	19 3/4	20 1/4	1 1/2	1 1/2	8 3/4	3/8
KD 16-EF**	16	14	16	22 1/8	19 3/4	18 3/4	1 1/2	1 1/2	7 1/8	3/8
KD 16XLEF**	16	16	18	24 3/8	22 1/8	23 1/4	1 1/4	1 1/4	8 1/2	1/2
KD 18-EF**	18	18	18	24 3/8	22 1/8	21 3/4	1 1/4	7 7/8	7	1/2
KD 18XL-230/460	18	18	20	30 3/8	28 1/8	27 3/4	2	7 7/8	12 1/2	3/8
KD 20-230/460	20	18	20	30 3/8	28 1/8	27 3/4	2	7 7/8	12 1/2	1/2

Dimensions are in inches.

**Equivalent Dimensions for 230V models

Performance Data:

Certified Data

Model	Rated Power	Voltage/Phase	Max Amps	RPM	0.0"Ps	0.5"Ps	0.75"Ps	1.0"Ps	1.5"Ps	2.0"Ps	Max Ps	Sones	Item #
	W	V/~	A	min ⁻¹	CFM								
KD 8XL-EF	327	120/1	2.99	2700	836	680	595	499	286	-	2.50	14.1	40530
KD 10-EF	329	120/1	3.01	2700	910	752	653	547	342	-	2.60	15.3	40531
KD 10XL-EF	529	120/1	4.48	2850	1266	1100	1006	911	696	460	3.08	21.0	40532
KD12-EF	531	120/1	4.86	2900	1305	1145	1054	948	712	479	3.08	23.0	40533
KD 12XL-EF	500	120/1	4.8	1700	2016	1649	1423	1066	-	-	1.52	18.7	40534
KD14-EF	495	120/1	4.76	1700	2156	1764	1520	1193	-	-	1.52	18.4	40535
KD 14XL-EF	738	120/1	7.12	1550	2619	2180	1936	1662	843	-	1.94	19.0	40536
KD 16-EF	742	120/1	6.39	1600	2952	2445	2144	1804	774	-	1.90	18.5	40537
KD 16XL-EF	1421	120/1	12.4	1600	4274	3743	3452	3137	2379	1242	2.42	25.0	40538
KD 18-EF	1411	120/1	12.04	1600	4448	3871	3583	3239	2380	1231	2.51	24.0	40539

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 effect of duct end correction.

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

Performance Data:

AMCA Certified Data

Model	Rated Power	Voltage/phase	Max Amp	RPM	0.0"Ps	0.5"Ps	0.75"Ps	1.0"Ps	1.5"Ps	2.0"Ps	Max Ps	Sones	Item #
	W	V/~	A	min ⁻¹	CFM								
KD 8XL-230	330	230 / 1	1.51	2785	819	665	583	477	277	200	2.53	16.9	
KD 10-230	329	230 / 1	2.10	2774	874	719	624	522	330	142	2.54	20.6	95950
KD 10XL-230	545	230 / 1	2.25	2941	1265	1110	1033	943	741	497	3.00	23.2	56006
KD 12-230	531	230 / 1	2.10	2847	1290	1133	1045	942	713	471	3.12	25.0	
KD 12XL-230	540	230 / 1	2.40	1692	1943	1592	1382	1055	132	-	1.59	20.4	
KD 14-230	540	230 / 1	2.40	1689	2071	1692	1461	1085	163	-	1.60	19.4	
KD 14XL-230	860	230 / 1	3.80	1546	2739	2270	2011	1707	834	187	2.15	22.1	
KD 16-230	860	230 / 1	3.70	1581	2915	2427	2148	1780	813	232	2.18	19.9	56011
KD 16XL-230	1550	230 / 1	6.60	1638	4204	3615	3208	2800	1925	1036	2.72	24.3	
KD 18-230	1550	230 / 1	6.60	1635	4485	3935	3598	3141	2127	1133	2.73	25.9	

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 effect of duct end correction.

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

Performance Data:

Data Not AMCA Certified

Model	Rated Power	Voltage/phase	Max Amp	RPM	0.0"Ps	0.5"Ps	0.75"Ps	1.0"Ps	1.5"Ps	2.0"Ps	Max Ps	Sones	Item #
	W	V/~	A	min ⁻¹	CFM								
KD 18XL 230/460	2208	230/460/3	3.75	1720	6236	5754	5500	5199	4909	4602	3.23	32.0	
KD 20 230/460	2218	230/460/3	3.73	1710	6291	5829	5617	5307	4987	4667	3.41	33.0	

Certifications:



Systemair Mfg. Inc. certifies that the KD 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.