

KD SERIES - 230V

INLINE MIXED FLOW FAN



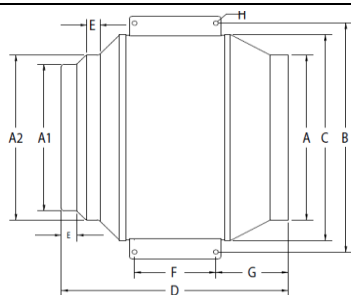
Certifications:



Systemair Mfg. certifies that all models shown are licensed to bear the AMCA Seal. The ratings are based on the tests and procedures performed in accordance with AMCA Publication 211 and publication 311 and comply with the requirements of the AMCA Certified Ratings Program. Performance certified is for installation type D- Ducted inlet, Ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).



Dimensional Diagram:



Dimensional Table:

Model	A	A1	A2	B	C	D	E	F	G	H
KD 8XL-230	8	-	-	14 (355.6)	12.5 (317.5)	15.5 (393.7)	0.75 (19)	2.375 (60.3)	6.125 (155.6)	0.375 (9.5)
KD 10-230	10	-	-	14 (355.6)	12.5 (317.5)	15.5 (393.7)	0.75 (19)	2.375 (60.3)	5 (127)	0.375 (9.5)
KD 10XL-230	10	-	-	15.625 (396.9)	14 (355.6)	15 (381)	0.75 (19)	2.375 (60.3)	6.375 (162)	0.375 (9.5)
KD 12-230	12	-	-	15.625 (396.9)	14 (355.6)	12.5 (317.5)	0.75 (19)	2.375 (60.3)	5.125 (130.2)	0.375 (9.5)
KD 12XL-230	12.0 (304.8)	12.0 (304.8)	14.0 (355.6)	20.25 (514.4)	17.875 (454.0)	18.875 (479.4)	0.875 (22.2)	4.0 (101.6)	8.75 (222.3)	0.375 (9.5)
KD 14-230	14.0 (355.6)	12.0 (304.8)	14.0 (355.6)	20.25 (514.4)	17.875 (454.0)	17.25 (438.2)	1 (25.4)	1 (25.4)	6.75 (171.5)	0.375 (9.5)
KD 14XL-230	14.0 (355.6)	14.0 (355.6)	16.0 (406.4)	22.125 (562.0)	19.75 (501.7)	20.25 (514.4)	1.5 (38.1)	1.5 (38.1)	8.75 (222.3)	0.375 (9.5)
KD 16-230	16.0 (406.4)	14.0 (355.6)	16.0 (406.4)	22.125 (562.0)	19.75 (501.7)	18.75 (476.3)	1.5 (38.1)	1.5 (38.1)	7.125 (181.0)	0.375 (9.5)
KD 16XL-230	16.0 (406.4)	16.0 (406.4)	18.0 (457.2)	24.375 (619.1)	22.125 (562.0)	23.25 (590.6)	1.25 (31.8)	1.25 (31.8)	8.5 (215.9)	0.375 (9.5)
KD 18-230	18.0 (457.2)	16.0 (406.4)	18.0 (457.2)	24.375 (619.1)	22.125 (562.0)	21.75 (552.5)	1.25 (31.8)	7.875 (200.0)	7.0 (177.8)	0.375 (9.5)
KD 18XL-230/460	18.0 (457.2)	18.0 (457.2)	20.0 (508.0)	30.375 (771.5)	28.125 (714.4)	27.25 (692.2)	2.0 (50.8)	7.875 (200)	12.50 (317.5)	0.375 (9.5)
KD 20-230/460	20.0 (508.0)	18.0 (457.2)	20.0 (508.0)	30.375 (771.5)	28.125 (714.4)	27.75 (704.9)	2.0 (50.8)	7.875 (200)	12.50 (317.5)	0.5 (12.7)

Dimensions are in inches (mm)

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Performance Data:

AMCA Certified Data

Model Name	Energy Star	Rated Power	Voltage/ phase	Max Amp	RPM		Static Pressure (inch W.C.)						Max Ps (Inch W.C.)
		W	V/~	A	min ⁻¹		0	0.5	0.75	1	1.5	2.0	
KD 8XL-230	NO	330	230 / 1	1.50	2785	CFM Sone dB(A)	820 - -	670 16.9 -	579 - -	479 - -	375 - -	276 - -	2.53 - -
KD 10-230	NO	329	230 / 1	2.10	2775	CFM Sone dB(A)	872 - -	717 20.6 -	619 - -	523 - -	432 - -	340 - -	2.54 - -
KD 10XL-230	NO	545	230 / 1	2.25	2940	CFM Sone dB(A)	1265 - -	1112 23.2 -	1032 - -	944 - -	848 - -	741 - -	3.10 - -
KD 12-230	NO	531	230 / 1	2.10	2845	CFM Sone dB(A)	1290 - -	1136 25 -	1043 - -	941 - -	833 - -	717 - -	3.12 - -
KD 12XL-230	NO	540	230 / 1	2.4	1690	CFM Sone dB(A)	1690 - -	1946 20.4 -	1604 - -	1377 - -	1069 - -	610 - -	1.59 - -
KD 14-230	NO	540	230 / 1	2.4	1690	CFM Sone dB(A)	2070 - -	1683 19.4 -	1474 - -	1093 - -	589 - -	166 - -	1.60 - -
KD 14XL-230	NO	860	230 / 1	3.8	1575	CFM Sone dB(A)	2748 - -	2291 22.1 -	2038 - -	1687 - -	1270 - -	851 - -	2.15 - -
KD 16-230	NO	860	230 / 1	3.7	1575	CFM Sone dB(A)	2918 - -	1737 19.9 -	1453 - -	1180 - -	899 - -	425 - -	2.17 - -
KD 16XL-230	NO	1550	230 / 1	6.6	1635	CFM Sone dB(A)	4210 - -	3615 24.3 -	3233 - -	2814 - -	2372 - -	1920 - -	2.72 - -
KD 18-230	NO	1550	230 / 1	6.6	1635	CFM Sone dB(A)	4490 - -	3946 25.9 -	3588 - -	3152 - -	2654 - -	2127 - -	2.72 - -

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.

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

Performance Data:

Data Not AMCA Certified

Model Name	Energy Star	Rated Power	Voltage/ phase	Max Amp	RPM		Static Pressure (inch W.C.)						Max Ps (Inch W.C.)
		W	V/~	A	min ⁻¹		0	0.5	0.75	1	1.5	2.0	
KD 18XL-230/460	NO	2208	230/460 /3	3.75	1720	CFM Sone dB(A)	6236 - -	5754 32 -	5500 - -	5199 - -	4909 - -	4602 - -	3.23 - -
KD 20-230/460	NO	2218	230/460 /3	3.73	1710	CFM Sone dB(A)	6291 - -	5829 33 -	5617 - -	5307 - -	4987 - -	4667 - -	3.41 - -