

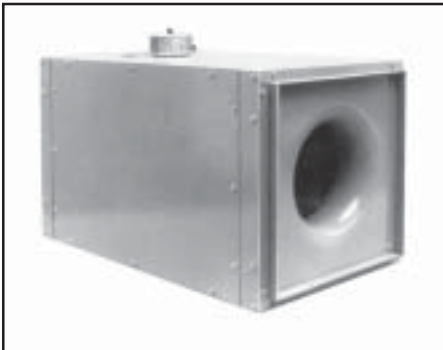


L.A. ORDER DESK: (323) 728-0004
S.D. ORDER DESK: (858) 552-3473

EXHAUST FANS

CARNES

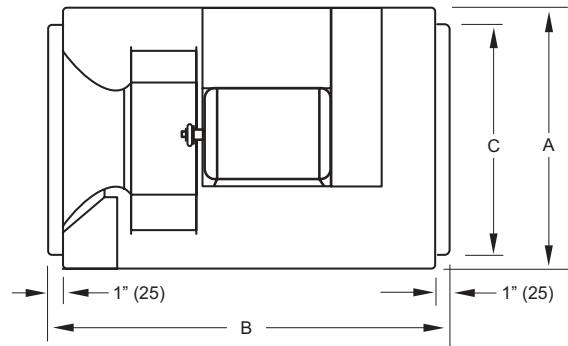
VIDK CENTRIFUGAL DIRECT DRIVE INLINE DUCT FANS



Model VIDK inline duct fans are designed for exhaust intake return or make-up air for high efficiency and low sound levels. The K series has been designed for easy and uncomplicated access to the fans interior by using the standard side panels. Model VIDK is licensed to bear the AMCA Certified Seal for air and sound performance. All stock VIBK fans are U.L. listed.

Standard Features

- Non overloading, backwardly inclined wheel.
- Integral motor overload protection on all standard single phase motors.
- Spark resistant construction.
- Safety disconnect standard for all motors.
- Housing corrosion resistant heavy gauge steel.
- AMCA type C construction.
- Heavy duty internal support structure.
- Licensed to carry AMCA seal for sound and air ratings.
- U.L. 705 label for electrical safety and reliability available.
- Pillow block bearings L50=200,000 Hrs.



Accessories

- Backdraft damper model JDAA gravity style. See Page 54.
- Speed control model 6 amp JXVA, 10 amp JXWA. See Page 54.
- Rubber-in-shear vibration isolators. See Page 54.
- Accessory mounting brackets. See Page 54.

Stock Sizes

UNIT SIZE	MOTOR HP / DRIVE	CFM @ O.S.P.
06	1/20 F3	407
06	1/8 J2	606
08	1/20 F3	521
08	1/8 J2	781
10	1/8 J3	1005
10	1/3 M2	1403
12	1/3 M2	1733
15	1/3 M3	2330

NOTE: Use model JXUA at 3 amp for 1/20 HP motor.
Use model JXVA at 6 amp for 1/8 HP motor.
Use model JXWA at 3 amp for 1/3 HP motor.

Stock No. 3800

STANDARD DIMENSIONS (LISTED IN INCHES)				
UNIT SIZE	A	B	C	APROX. WT.
06	14	28-5/8	12	60
08	14	28-5/8	12	60
10	18	32-1/8	16	75
12	18	32-1/8	16	75
15	24	34-7/8	22	90



EXHAUST FANS

Performance Data - Direct Drive Inline VIDK

MODEL DRIVE	HP	RPM	STATIC PRESSURE (INCHES W.G.)																	
			.000		.125		.250		.375		.500		.625		.750		1.000		1.250	
			CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
VIDK 06	F3	1/20	400	152	.01															
	F3	1/20	800	303	.01	163	.01													
	F3	1/20	1075*	407	.03	316	.03	190	.03											
VIDK 06	J2	1/8	1000	379	.03	280	.03													
	J2	1/8	1300	492	.06	418	.06	334	.06	217	.06									
	J2	1/8	1600*	606	.11	547	.11	485	.11	413	.11	326	.11	179	.11					
VIDK 08	F3	1/20	600	293	.01															
	F3	1/20	825	403	.02	248	.02													
	F3	1/20	1075*	525	.04	412	.04	271	.04											
VIDK 08	J2	1/8	1000	488	.03	366	.03	193	.03											
	J2	1/8	1325	647	.07	557	.08	462	.08	340	.08									
	J2	1/8	1600*	781	.13	705	.13	631	.14	550	.14	455	.14	327	.14					
VIDK 10	J3	1/8	800	748	.04	583	.05	369	.05											
	J3	1/8	900	842	.06	694	.07	544	.07											
	J3	1/8	1075*	1005	.11	882	.11	761	.12	621	.12	385	.11							
VIDK 10	M2	1/3	1050	982	.10	856	.10	732	.11	580	.11	247	.09							
	M2	1/3	1275	1192	.18	1088	.18	984	.19	884	.19	773	.20	603	.19					
	M2	1/3	1500*	1403	.29	1314	.30	1226	.30	1138	.31	1053	.32	960	.32	845	.32	450	.29	
VIDK 12	M2	1/3	1050	1213	.10	1090	.11	939	.11	762	.11	383	.09							
	M2	1/3	1275	1473	.18	1375	.19	1259	.19	1134	.20	994	.20	792	.19	402	.15			
	M2	1/3	1500*	1733	.29	1649	.30	1562	.31	1456	.32	1350	.32	1237	.33	1112	.33	621	.27	
VIDK 15	M3	1/3	800	1734	.12	1556	.13	1347	.14	1067	.14									
	M3	1/3	925	2005	.18	1852	.20	1684	.21	1486	.22	1236	.22	819	.19					
	M3	1/3	1075*	2330	.29	2198	.30	2062	.32	1912	.33	1737	.34	1530	.34	1270	.33			

* BASE UNIT - AS RUN MOTOR SPEEDS. LOWER RPM'S ACHIEVED WITH THE USE OF SPEED CONTROL.



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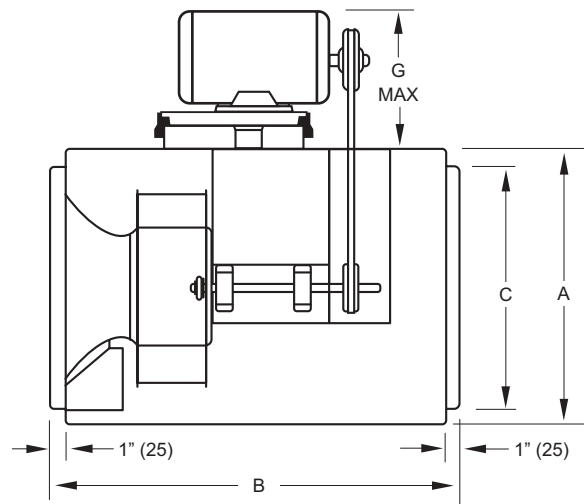
VIBK CENTRIFUGAL BELT DRIVE INLINE DUCT FANS



Model VIBK inline duct fans are designed for exhaust, intake, return or make-up air for high efficiency and low sound levels. The K series has been designed for easy and uncomplicated access to the fans interior by using the standard side panels. Model VIBK is licensed to bear the AMCA Certified Seal for air and sound performance. All stock VIBK fans are U.L. listed.

Standard Features

- Non overloading, backwardly inclined wheel.
- Integral motor overload protection on a standard single phase motors.
- Spark resistant construction.
- Safety disconnect standard for all motors.
- Housing corrosion resistant heavy gauge steel.
- AMCA type C construction.
- Heavy duty internal support structure,
- Licensed to carry AMCA seal for sound and air ratings.
- U.L. 705 label for electrical safety and reliability available.
- Motor cover-galvanized.
- Pillow block bearings L50=200,000 Hrs.



Accessories

- Backdraft damper model JDAA gravity style. See page 54.
- Rubber-in-shear vibration isolators. See page 54.
- Accessory mounting brackets. See page 54.

Stock Sizes

UNIT SIZE	MOTOR HP / DRIVE	CFM @ O.S.P.
08	1/4 L1	873 TO 952
10	1/4 L1	982 TO 1449
12	1/4 L1	1271 TO 1618
15	1/3 M1	1842 TO 2276
18	1/2 P1	2783 TO 3340
21	1* S1	4031 TO 4971

Stock No. 3900

*480 VAC - 3 PHASE

STANDARD DIMENSIONS (LISTED IN INCHES)					
UNIT SIZE	A	B	C	G	APROX. WT.
8	14	28-5/8	12		65
10	18	32-1/8	16		80
12	18	32-1/8	16	12	80
15	24	34-7/8	22		95
18	28	36-1/8	26		145
21	31	39-3/8	29	14	200



EXHAUST FANS

Performance Data - Belt Drive Inline VIBK

MODEL DRIVE ASSEMBLY	HP	RPM	STATIC PRESSURE (INCHES W.G.)																		
			.000		.125		.250		.375		.500		.625		.750		1.000		1.250		
			CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	
VIBK 08	L1	1/4	1650	805	.14	731	.15	661	.15	583	.15	497	.16	383	.15						
				8.9		8.7		8.5		8.3		8.0		7.8							
	L1	1/4	1800	878	.19	810	.19	747	.19	676	.20	604	.20	518	.20	413	.19				
				10.3		10.1		9.9		9.7		9.4		9.3		9.1					
L1	1/4	1950	952	.24	888	.24	829	.25	767	.25	701	.25	632	.26	549	.25	298	.23			
				11.6		11.4		11.3		11.1		10.9		10.7		10.6		10.4			

MODEL DRIVE ASSEMBLY	HP	RPM	STATIC PRESSURE (INCHES W.G.)																	
			.000		.250		.500		.750		1.000		1.250		1.500		1.750		2.000	
			CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
VIBK 10	L1	1/4	1050	982	.10	732	.11	247	.09											
				7.3		5.2		5.1												
	L1	1/4	1250	1169	.17	957	.18	732	.19											
				9.2		7.3		6.8												
L1	1/4	1400	1309	.24	1120	.25	932	.26	667	.25										
				11.1		9.3		8.2		8.1										
VIBK 12	L1	1/4	1100	1271	.11	1012	.13	601	.12											
				10.1		7.7		6.3												
	L1	1/4	1300	1502	.19	1293	.21	1036	.21	543	.18									
				11.2		9.3		8.1		7.5										
L1	1/4	1400	1618	.24	1429	.25	1201	.27	877	.25										
				12.5		10.8		9.4		8.7										
VIBK 15	M1	1/3	800	1734	.12	1347	.14													
				6.5		5.3														
	M1	1/3	900	1950	.17	1619	.19	1135	.20											
				8.0		6.9		5.8												
M1	1/3	1000	2167	.23	1875	.26	1504	.27	587	.20										
				9.6		8.5		7.4		6.9										
VIBK 18	P1	1/2	750	2783	.26	2298	.29	1611	.28											
				8.4		6.5		6.5												
	P1	1/2	850	3154	.39	2735	.41	2241	.42	1305	.35									
				10.2		9.5		8.6		7.7										
P1	1/2	900	3340	.46	2948	.49	2498	.50	1828	.47										
				11.2		10.5		9.7		8.7										
VIBK 21	S1	1*	750	4031	.48	3550	.54	2855	.54	1738	.46									
				12.3		10.9		10.2		10.0										
	S1	1*	850	4568	.70	4178	.77	3629	.80	2883	.76	1700	.67							
				15.5		13.9		12.8		12.5		12.4								
S1	1*	925	4971	.91	4616	.98	4138	1.02	3552	1.01	2781	.97	934	.54						
				17.9		16.4		14.9		14.6		14.3		14.3						
VIBK 21	V1	2*	1050	5643	1.33	5331	1.41	4952	1.47	4510	1.50	3944	1.47	3265	1.43	2255	1.30			
				23		21		19.3		18.4		18.1		17.9		17.8				
	V1	2*	1125	6046	1.63	5755	1.73	5428	1.80	5016	1.84	4553	1.84	3977	1.79	3324	1.70	2260	1.56	
				26		24		22		21		20		20		19.9		19.9		
V1	2*	1175	6315	1.86	6036	1.96	5741	2.05	5346	2.08	4930	2.10	4419	2.07	3818	1.99	3103	1.93	1338	1.18
				28		26		24		23		22		22		21		21		21

* 480 VAC - 3 PHASE