



ALX-DB SERIES

Downblast belt drive
spun aluminum exhausters

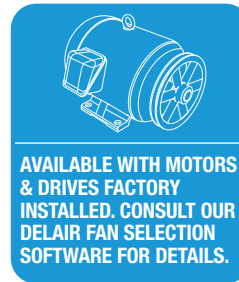
Ideal for exhausting air from factories, offices, warehouses or commercial buildings. The ALX series spun aluminum exhaust fan can be used as either a roof top or wall mount exhaust fan.

FEATURES

- Spun aluminum housing will not rust, chip or peel.
- Aluminum backward inclined wheel is non-overloading.
- Belt drive
- For motor options consult our fan selection software Delair. www.canarm.com/delair
- Units up to 24" (max 2HP) can be wall mounted.
- Quick release latches for easy motor access.
- Standard bird screen.

OPTIONS & ACCESSORIES

- Motorized damper
- Gravity (automatic) damper
- Wall mount bracket (for all sizes up to 24")
- Roof curb
- Disconnect switch
- Hinge kits
- VFD for 3 phase motors
- Other base (curb cap) options available. See C2 in dimensions table.



QUICK RELEASE LATCH FOR
EASY MOTOR ACCESS

DIMENSIONS

MODEL	DIMENSIONS (INCHES)											WEIGHT (lbs) without motors
	A	B	C	C2	D	E	F	G Ø	Shaft Size	Wheel Diameter	Roof Opening	
ALX135-DB	25.25	31.25	21.00	24.75	3.13	2.00	3.75	0.44	3/4"	13.50	17.00	41
ALX150-DB	26.13	31.25	21.00	24.75	3.75	2.00	3.75	0.44	3/4"	15.00	17.00	43
ALX165-DB	31.13	36.25	24.75	28.00	5.00	2.00	4.00	0.44	3/4"	16.50	20.75	106
ALX180-DB	31.75	36.25	28.00	24.75	5.50	2.00	4.00	0.44	3/4"	18.25	20.75	114
ALX210-DB	36.25	43.75	33.13	40.00	5.25	2.50	4.00	0.44	1"	21.25	29.00	176
ALX245-DB	37.00	43.75	33.13	40.00	5.88	2.50	4.00	0.44	1"	24.50	29.00	181

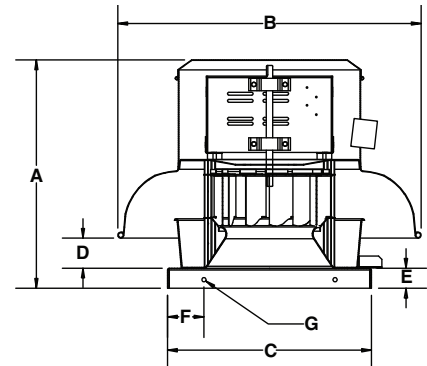
Note: Net weights for belt drive units do not include motor & drives.

 **DUE TO MOTOR MANUFACTURERS VARIANCES IN DESIGN, PLEASE SEE USER MANUAL FOR MOTOR DIMENSIONAL GUIDELINES.**



Canarm certifies that the ALX-DB Series shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications 211 & 311 and comply with the requirements of the AMCA Certified Ratings Programme.

The AMCA certified ratings seal applies to air and sound performance only. The ALX-DB Series shown herein are not approved by AMCA for FEL ratings.





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PERFORMANCE SPECIFICATIONS

ALX DB WITH MOTORS & DRIVES

MODEL	RPM RANGE	HP	RPM	Values @ 0.5" SP		0" SP				1/2" SP				1" SP				1-1/4" SP				1-1/2" SP			
				BHP	Sones	CFM	BHP	FEI	FEAct (kW)	CFM	BHP	FEI	FEAct (kW)	CFM	BHP	FEI	FEAct (kW)	CFM	BHP	FEI	FEAct (kW)	CFM	BHP	FEI	FEAct (kW)
SINGLE PHASE AND WIRED DISCONNECT																									
ALX135DBT10025**	862-1293	1/4	1091	0.21	9.6	1423	0.17	-	-	1091	0.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALX135DBT10033**	932-1398	1/3	1255	0.29	12.9	1630	0.29	-	-	1285	0.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALX135DBT10050**	1121 - 1552	1/2	1380	0.39	16.3	1802	0.35	-	-	1501	0.39	-	-	1086	0.39	-	-	-	-	-	-	-	-	-	-
ALX150DBT10050**	932-1398	3/4	1039	0.30	12.4	1951	0.26	-	-	1497	0.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALX150DBT10075**	1078-1617	3/4	1222	0.48	17.6	2294	0.43	-	-	1920	0.48	-	-	1396	0.48	-	-	-	-	-	-	-	-	-	-
ALX150DBT10100	1113 - 1511	1	1318	0.59	23	2466	0.53	0.58	0.56	2132	0.59	0.95	0.61	1727	0.62	1.14	0.54	-	-	-	-	-	-	-	-
ALX165DBT10100	1097-1489	1	1250	0.64	21	2697	0.59	0.56	0.61	2243	0.64	0.92	0.66	1708	0.68	1.04	0.69	1301	0.66	1.01	0.67	-	-	-	-
ALX165DBT10150	1254-1646	1 1/2	1455	0.99	26	3143	0.93	0.42	0.92	2764	0.99	0.74	0.97	2330	1.05	0.90	1.03	2099	1.07	0.95	1.04	1802	1.08	0.95	1.05
ALX180DBT10100	909 - 1195	1	1176	0.90	21	3340	0.81	0.50	0.81	2894	0.90	0.83	0.89	2308	0.93	1.00	0.92	1911	0.92	1.01	0.91	-	-	-	-
ALX180DBT10200	1113 - 1511	2	1393	1.44	32	3969	1.44	0.34	1.37	3605	1.44	0.65	1.37	3145	1.56	0.81	1.47	2909	1.56	0.88	1.47	2638	1.56	0.92	1.47
ALX210DBT10150	862-1132	1 1/2	977	1.20	19.3	4852	1.21	0.48	1.17	4104	1.20	0.87	1.16	3130	1.16	1.06	1.12	2275	1.25	0.88	1.20	-	-	-	-
ALX245DBT10150	673-889	1 1/2	795	1.32	19.4	5969	1.30	0.53	1.24	4759	1.32	0.90	1.26	3063	1.17	1.03	1.13	-	-	-	-	-	-	-	-
ALX245DBT10200	745-979	2	867	1.71	22	6544	1.72	0.44	1.61	5404	1.71	0.79	1.60	4100	1.64	0.97	1.54	3078	1.47	1.03	1.13	-	-	-	-
ALX245DBT10300	862-1132	3	971	2.41	27	7265	2.35	0.36	2.14	6313	2.41	0.66	2.20	5251	2.37	0.86	2.16	4592	2.30	0.91	2.10	3703	2.14	0.92	1.97
THREE PHASE WITH NO DISCONNECT																									
ALX150DB30100*	1113 - 1511	1	1318	0.59	23	2466	0.53	0.60	0.54	2132	0.59	0.99	0.59	1727	0.62	1.18	0.62	-	-	-	-	-	-	-	-
ALX165DB30100*	1097-1489	1	1250	0.64	21	2697	0.59	0.58	0.59	2243	0.64	0.95	0.63	1708	0.68	1.08	0.67	1301	0.66	1.04	0.65	-	-	-	-
ALX165DB30150*	1254-1646	1 1/2	1455	0.99	26	3143	0.93	0.43	0.90	2764	0.99	0.75	0.95	2330	1.05	0.92	1.01	2099	1.07	0.96	1.03	1802	1.08	0.96	1.03
ALX180DB30100*	909 - 1195	1	1176	0.90	21	3340	0.81	0.51	0.78	2894	0.90	0.85	0.87	2308	0.93	1.02	0.89	1911	0.92	1.03	0.88	-	-	-	-
ALX180DB30200*	1113 - 1511	2	1393	1.44	32	3969	1.44	0.34	1.36	3605	1.44	0.65	1.36	3145	1.56	0.81	1.47	2909	1.56	0.88	1.47	2638	1.56	0.92	1.47
ALX210DB30150*	862-1132	1 1/2	977	1.20	19.3	4852	1.21	0.49	1.15	4104	1.20	0.88	1.14	3130	1.16	1.08	1.10	2275	1.25	0.90	1.18	-	-	-	-
ALX245DB30150*	673-889	1 1/2	795	1.32	19.4	5969	1.30	0.54	1.23	4759	1.32	0.91	1.25	3063	1.17	1.05	1.11	-	-	-	-	-	-	-	-
ALX245DB30200*	745-979	2	867	1.71	22	6544	1.72	0.44	1.61	5404	1.71	0.79	1.60	4100	1.64	0.97	1.54	3078	1.47	0.98	1.39	-	-	-	-
ALX245DB30300*	862-1132	3	971	2.41	27	7265	2.35	0.37	2.11	6313	2.41	0.67	2.16	5251	2.37	0.87	2.13	4592	2.30	0.93	2.07	3703	2.14	0.94	1.93

** 115V only. All other motors will be wired at high voltage.

For three phase motors, substitute "" with "M" for 230/460 volt (wired for 460V) or "P" for 575 volt

ALX DB WITHOUT MOTORS & DRIVES

MODEL	MIN HP	MAX HP	MAX RPM	TYPICAL MAXIMUM CFM @ SP																							
				0" SP				1/2" SP				1" SP				1-1/2" SP				2"				2-1/4"			
				CFM	BHP	FEI	FE _{Pact} (kW)	CFM	BHP	FEI	FE _{Pact} (kW)	CFM	BHP	FEI	FE _{Pact} (kW)	CFM	BHP	FEI	FE _{Pact} (kW)	CFM	BHP	FEI	FE _{Pact} (kW)	CFM	BHP	FEI	FE _{Pact} (kW)
ALX135-DB	-	3/4	1800	2200	0.64	0.45	0.66	1993	0.74	0.74	0.75	1681	0.74	0.95	0.75	1366	0.74	1.07	0.75	-	-	-	-	-	-	-	-
ALX150-DB	1/4	1	1800	2975	0.93	0.41	0.92	2689	0.98	0.73	0.96	2298	0.99	0.95	0.97	1851	0.97	1.07	0.95	-	-	-	-	-	-	-	-
ALX165-DB	1/4	2	1800	3880	1.76	0.28	1.64	3582	1.81	0.53	1.68	3244	1.91	0.69	1.77	2850	1.92	0.81	1.78	2451	1.98	0.86	1.83	2187	1.97	0.87	1.82
ALX180-DB	1/4	2	1500	4257	1.68	0.31	1.57	3929	1.76	0.58	1.64	3502	1.90	0.74	1.76	3052	1.92	0.86	1.78	2451	1.89	0.90	1.75	-	-	-	-
ALX210-DB	1/2	3	1300	6394	2.77	0.28	0.25	5903	2.83	0.54	2.55	5278	2.78	0.74	2.51	4551	2.74	0.88	2.48	3627	2.63	0.93	2.38	2830	2.42	0.89	2.20
ALX245-DB	1/2	5	1200	8955	4.43	0.24	3.90	8197	4.48	0.46	3.94	7374	4.50	0.63	3.96	6505	4.43	0.77	3.90	5405	4.25	0.84	3.75	4656	4.03	0.85	3.56

* Motor adaptor plate required for 3HP+

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