

ALX-UB SERIES

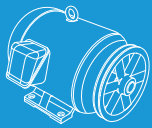
Upblast belt drive
spun aluminum exhasuters



Intertek
UL705 Power
Ventilator for Restaurant
Exhaust Appliances



UL705 Supplement SC - Power Ventilator for Restaurant Exhaust Appliances certified, refer to our UL705 Supplement SC - Power Ventilator for Restaurant Exhaust Appliances Catalogue page C in Roof Mount Ventilation for all installation requirements



AVAILABLE WITH MOTORS
& DRIVES FACTORY
INSTALLED. CONSULT OUR
DELAIR FAN SELECTION
SOFTWARE FOR DETAILS.



QUICK RELEASE LATCHES
FOR EASY MOTOR ACCESS

Ideal for exhausting air from restaurants, 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.

OPTIONS

- Wall mount bracket (for all sizes up to 24")
- Grease collection box (required for restaurant exhaust applications)
- Curb hinge
- Disconnect switches
- Roof curbs
- Other base (curb cap) options available. See C2 in dimensions table.

Options for use only in non-restaurant applications:

- Motorized damper
- Gravity (automatic) damper
- Bird screen

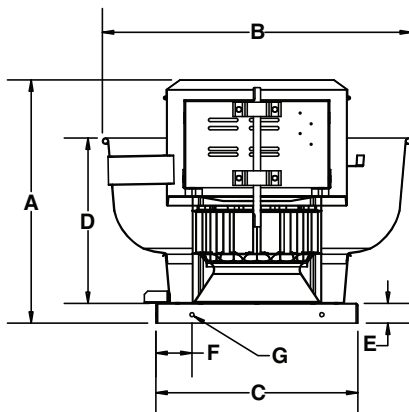
DIMENSIONS

MODEL	DIMENSIONS (INCHES)											WEIGHT (lbs) without motors
	A	B	C	C2	D	E	F	G Ø	Shaft Size	Wheel Diameter	Roof Opening	
ALX135-UB	25.25	32.13	21.00	24.75	17.13	2.00	3.75	0.44	3/4"	13.50	17.00	43
ALX150-UB	26.13	32.13	21.00	24.75	17.13	2.00	3.75	0.44	3/4"	15.00	17.00	45
ALX165-UB	31.13	37.50	24.75	28.00	21.13	2.00	4.00	0.44	3/4"	16.50	20.75	108
ALX180-UB	31.75	37.50	28.00	24.75	21.13	2.00	4.00	0.44	3/4"	18.25	20.75	116
ALX210-UB	36.25	43.75	33.13	40.00	25.50	2.50	4.00	0.44	1"	21.00	29.00	178
ALX245-UB	37.00	43.75	33.13	40.00	25.50	2.50	4.00	0.44	1"	24.50	29.00	183

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.



DISCONNECT SWITCHES

- Wire disconnect switches are available.
See Controls & Thermostats section for details.



Canarm certifies that the ALX-UB 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-UB Series shown herein are not approved by AMCA for FEI ratings.

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Upblast belt drive
spun aluminum exhasuters



PERFORMANCE SPECIFICATIONS

ALX UB WITH MOTORS & DRIVES

MODEL	RPM RANGE	HP	RPM	Sones @ 1/2" SP	0" SP				1/2" SP				1" SP				1-1/4" SP				1-1/2" SP			
					CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)
SINGLE PHASE AND WIRED DISCONNECT																								
ALX135UBT10025**	862-1293	1/4	1042	8.6	1221	0.15	-	-	810	0.16	-	-	-	-	-	-	-	-	-	-	-	-		
ALX135UBT10033**	932-1398	1/3	1212	12.1	1417	0.23	-	-	1079	0.25	-	-	-	-	-	-	-	-	-	-	-	-		
ALX135UBT10050**	1122 - 1552	1/2	1394	16.6	1629	0.36	-	-	1345	0.37	-	-	987	0.38	-	-	-	-	-	-	-	-		
ALX150UBT10050**	932-1398	1/2	1165	15.6	1928	0.33	-	-	1547	0.36	-	-	-	-	-	-	-	-	-	-	-	-		
ALX150UBT10075**	1078-1617	3/4	1367	21	2257	0.53	-	-	1956	0.56	-	-	1534	0.58	-	-	1268	0.57	-	-	-	-		
ALX150UBT10100	1341-1820	1	1473	23	2439	0.66	0.49	0.68	2164	0.70	0.84	0.72	1786	0.73	1.02	0.74	1575	0.72	1.09	0.73	1294	0.71	1.08	0.72
ALX165UBT10100	1097-1489	1	1379	25	2627	0.72	0.48	0.73	2303	0.78	0.80	0.79	1866	0.81	0.97	0.81	1584	0.80	0.99	0.80	1224	0.77	0.96	0.78
ALX165UBT10150	1254-1646	1 1/2	1605	33	3060	1.13	0.36	1.10	2792	1.20	0.63	1.16	2462	1.25	0.82	1.20	2266	1.27	0.87	1.22	2042	1.28	0.90	1.23
ALX180UBT10100	980-1293	1	1222	25	3403	0.89	0.48	0.88	3007	0.94	0.84	0.92	2417	0.98	1.00	0.96	2025	0.97	1.02	0.95	1291	0.82	0.95	0.82
ALX180UBT10200	1097-1489	2	1419	33	3944	1.38	0.37	1.31	3634	1.45	0.66	1.37	3185	1.52	0.85	1.43	2924	1.54	0.90	1.45	2611	1.53	0.94	1.44
ALX210UBT10150	862-1132	1 1/2	1021	26	4744	1.33	0.44	1.27	4213	1.36	0.79	1.30	3458	1.34	1.02	1.28	2937	1.29	1.06	1.23	1969	1.11	1.00	1.08
ALX245UBT10150	673-889	1 1/2	790	23	5785	1.24	0.55	1.19	4828	1.26	0.96	1.21	3306	1.18	1.10	1.14	-	-	-	-	-	-	-	-
ALX245UBT10200	745-979	2	864	28	6311	1.62	0.46	1.52	5468	1.64	0.84	1.54	4209	1.61	1.02	1.51	3336	1.50	1.03	1.42	-	-	-	-
ALX245UBT10300	862-1132	3	964	35	7066	2.27	0.37	2.08	6333	2.30	0.70	2.10	5326	2.28	0.91	2.09	4704	2.24	0.96	2.05	3970	2.14	0.99	1.97
THREE PHASE WITH NO DISCONNECT																								
ALX150UB30100*	1341-1820	1	1473	23	2439	0.66	0.50	0.66	2164	0.70	0.87	0.69	1786	0.73	1.06	0.72	1575	0.72	1.12	0.71	1294	0.71	1.11	0.70
ALX165UB30100*	1097-1489	1	1379	25	2627	0.72	0.49	0.71	2303	0.78	0.82	0.76	1866	0.81	1.00	0.79	1584	0.80	1.03	0.78	1224	0.77	0.99	0.75
ALX165UB30150*	1254-1646	1 1/2	1605	33	3060	1.13	0.36	1.08	2792	1.20	0.64	1.14	2462	1.25	0.83	1.18	2266	1.27	0.88	1.20	2042	1.28	0.92	1.21
ALX180UB30100*	980-1293	1	1222	25	3403	0.89	0.50	0.86	3007	0.94	0.86	0.90	2417	0.98	1.02	0.94	2025	0.97	1.04	0.93	1291	0.82	0.97	0.79
ALX180UB30200*	1097-1489	2	1419	33	3944	1.38	0.37	1.31	3634	1.45	0.66	1.37	3185	1.52	0.84	1.43	2924	1.54	0.90	1.45	2611	1.53	0.94	1.44
ALX210UB30150*	862-1132	1 1/2	1021	26	4744	1.33	0.44	1.26	4213	1.36	0.80	1.28	3458	1.34	1.03	1.26	2937	1.29	1.08	1.22	1969	1.11	1.01	1.06
ALX245UB30150*	673-889	1 1/2	790	23	5785	1.24	0.56	1.18	4828	1.26	0.97	1.19	3306	1.18	1.11	1.12	-	-	-	-	-	-	-	-
ALX245UB30200*	745-979	2	864	28	6311	1.62	0.46	1.52	5468	1.64	0.84	1.54	4209	1.61	1.02	1.51	3336	1.50	1.03	1.42	-	-	-	-
ALX245UB30300*	862-1132	3	964	35	7066	2.27	0.38	2.04	6333	2.30	0.71	2.07	5326	2.28	0.92	2.05	4704	2.24	0.98	2.02	3970	2.14	1.00	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 UB WITHOUT MOTORS & DRIVES

MODEL	MIN HP	MAX HP	MAX WHEEL RPM	FAN RPM	TYPICAL MAXIMUM CFM @ SP																							
					0" SP				1/2" SP				1" SP				1-1/2" SP				2"				2-1/4"			
					CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)	CFM	BHP	FEI	FEPact (kW)
ALX135-UB	-	3/4	2400	1736	2033	0.69	0.41	0.70	1817	0.71	0.72	0.72	1560	0.73	0.92	0.74	1264	0.74	1.02	0.75	-	-	-	-	-	-	-	
ALX150-UB	1/4	1	1800	1627	2692	0.89	0.40	0.88	2453	0.93	0.72	0.92	2137	0.97	0.91	0.95	1766	0.98	1.02	0.96	-	-	-	-	-	-	-	
ALX165-UB	1/4	2	1800	1800	3431	1.60	0.29	1.50	3188	1.67	0.52	1.56	2918	1.74	0.69	1.62	2589	1.78	0.81	1.66	2178	1.79	0.87	1.67	1941	1.77	0.87	1.65
ALX180-UB	1/4	2	1500	1500	4180	1.64	0.33	1.54	3881	1.70	0.60	1.59	3476	1.78	0.79	1.66	2967	1.81	0.90	1.68	2311	1.77	0.92	1.65	1632	1.55	0.86	1.46
ALX210-UB	1/2	3	1300	1300	6026	2.73	0.28	2.47	5652	2.79	0.53	2.52	5180	2.81	0.73	2.54	4571	2.78	0.87	2.51	3759	2.65	0.96	2.40	3145	2.51	0.95	2.28
ALX245-UB	1/2	5	1200	1200	8779	4.35	0.24	3.83	8234	4.41	0.48	3.88	7540	4.42	0.66	3.89	6708	4.38	0.80	3.86	5719	4.29	0.88	3.78	5174	4.19	0.91	3.70

* Motor adaptor plate required for 3HP+

FOR FAN CURVES & FULL PERFORMANCE DATA, CONSULT OUR DELAIR SOFTWARE. WWW.CANARM.COM/DELAIR



View FEI charts
canarm.com/fei-alx