CANARM HVAC



Upblast Direct Drive **Spun Aluminum Exhausters**

ALX-UD SERIES

Ideal for exhausting air from restaurants, factories, offices, warehouses or commercial buildings.

FEATURES

- Spun aluminum housing will not rust, chip or peel.
- Aluminum backward inclined wheel is non-overloading.
- EC motors available, see ALX-UD-EC.
- Variable speed PSC motors available on ALX 090/105/120
- All units can be wall or roof mounted.
- Quick release latches for easy motor access



QUICK RELEASE LATCHES FOR EASY MOTOR ACCESS

OPTIONS & ACCESSORIES

- Wall mount bracket (for all sizes up to 24")
- Grease collection box (required for UL705 Power Ventilator for Restaurant Exhaust Appliances)
- Curb hinge
- Disconnect switches
- MC series solid state variable speed controls (ALX105-120 models)
- Roof Curbs
- Other base (curb cap) options available. See C2 in dimensions table.

OPTIONS FOR NON-RESTAURANT APPLICATIONS:

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

DISCONNECT SWITCHES

Disconnect switches are available.

Intertek 705

UL705 SC

CANARM HVAC

ALX-UD SERIES

Upblast Direct Drive
Spun Aluminum Exhausters

PERFORMANCE SPECIFICATIONS

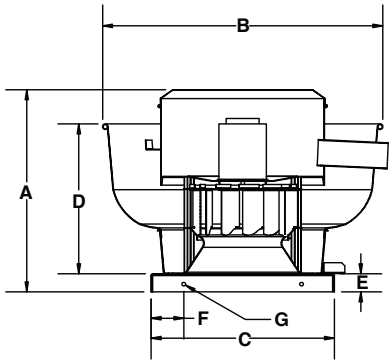
MODEL	MOTOR			AIRFLOW (CFM) @ STATIC PRESSURE													
	HP	Variable Speed	Max RPM	0" SP		1/4" SP		1/2" SP		3/4" SP		1" SP		1-1/4" SP		1-1/2" SP	
				High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
ALX090UD***	1/12	Y	1650	525	275	425	100	340	100	-	-	-	-	-	-	-	-
ALX105-UD013V	1/8	Y*	1650	950	526	850	451	725	300	-	-	-	-	-	-	-	-
ALX120-UD033V	1/3	Y*	1650	1400	977	1300	826	1175	751	1050	601	850	451	-	-	-	-
ALX135-UD075S	3/4	N	1650	1914	-	1805	-	1681	-	1546	-	1410	-	1254	-	1055	-

** Using MC5 for 115V or MC5-230 for 230V*
**** Model is not for use in restaurant exhaust applications*

DIMENSIONS

MODEL	DIMENSIONS (INCHES)										WEIGHT (lbs)
	A	B	C	C2	D	E	F	G Ø	Wheel Diameter	Roof Opening	
ALX090-UD**	14.25	17.75	19.00	-	9.50	2.00	-	-	9.00	13.00	30
ALX105-UD	18.00	25.00	19.00	21.00	13.00	1.50	3.50	0.38	10.50	15.00	35
ALX120-UD	19.00	25.00	19.00	21.00	13.00	1.50	3.50	0.38	12.25	15.00	37
ALX135-UD	22.25	32.13	21.00	24.75	17.13	2.00	3.75	0.44	13.50	17.00	53
ALX150-UD	23.13	32.13	21.00	24.75	17.13	2.00	3.75	0.44	15.00	17.00	58
ALX165-UD	27.13	37.50	24.75	28.00	21.13	2.00	4.00	0.44	16.50	20.75	100

*** Model is not for use in restaurant exhaust applications*



SCAN TO USE DELAIR SOFTWARE

Intertek 705

UL705 SC

UL705 Supplement SC - Power Ventilator for Restaurant Exhaust Appliances certified
Refer to our UL705 Supplement SC catalogue page in Roof Mount Ventilation for all installation requirements.

Canarm certifies that the ALX-UD 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-UD Series shown herein are not approved by AMCA for FEI ratings. May 2026

Options & Accessories Roof Curbs

NON-VENTED FOR 300, 700, SIS, ALX, SB-SBRM & SD-SDUB SERIES



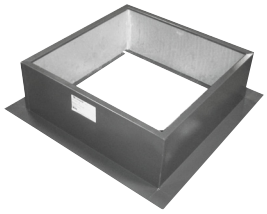
RCG ROOF CURB

- RCG are 18" high, RCGL are 12" high
- 18 gauge galvanized steel construction
- 1 3/4" flanges
- Insulated curbs available (RCGI or RCGLI)
- Shipped fully assembled

Please note Galvanized Curbs (RCG's) are for UL705 only.
For UL762 the curb must be vented and be a minimum of 40" from roof to outlet - use RCGV curbs (below)

Part # (Non-Insulated)	Part # (Insulated)	Curb OD Dimension sq	Curb fits Models
RCG17.5 / RCGL17.5	RCGI17.5 / RCGLI17.5	17.5"	ALX105, ALX120, SD-SDUB-10, SD-SDUB-12
RCG18.5 / RCGL18.5	RCGI18.5 / RCGLI18.5	18.5"	307
RCG19.5 / RCGL19.5	RCGI19.5 / RCGLI19.5	19.5"	ALX135, ALX150, SB-SBRM-13, SD-SDUB-30, SD-SDUB-33, SD-SDUB-50, ALX105-C2, ALX120-C2
RCG22.5 / RCGL22.5	RCGI22.5 / RCGLI22.5	22.5"	309,709,SIS-09
RCG23.25 / RCGL23.25	RCGI23.25 / RCGLI23.25	23.25"	ALX165, SB-SBRM-15, SD-SDUB-85, ALX135-C2, ALX150-C2, ALX-180-C2
RCG26.5 / RCGL26.5	RCGI26.5 / RCGLI26.5	26.5"	ALX180, SIS-10, SB-SBRM-18, ALX165-C2
RCG30.5 / RCGL30.5	RCGI30.5 / RCGLI30.5	30.5"	312,712,715, SIS-12, SIG-12, SIG-15
RCG31.5 / RCGL31.5	RCGI31.5 / RCGLI31.5	31.5"	ALX210, ALX245, SB-SBRM-24
RCG34.5 / RCGL34.5	RCGI34.5 / RCGLI34.5	34.5"	315,718,SIS-15,SIS-18
RCG38.5 / RCGL38.5	RCGI38.5 / RCGLI38.5	38.5"	318, SB-SBRM-30, ALX210-C2, ALX245-C2, ALX300
RCG42.5 / RCGL42.5	RCGI42.5 / RCGLI42.5	42.5"	SIS-20, ALX360, SB-SBRM36

NON-VENTED FOR RTA, RB & RD SERIES



- 16 gauge galvanized or painted steel construction
- RC are insulated, painted, with 3" flanges and damper shelf
- RCG are non-insulated, galvanized, with 1 3/4" flanges
- RCGI are insulated, galvanized, with 1 3/4" flanges
- All are 10 1/4" high
- Shipped fully assembled

ROOF CURBS FOR RTA, RB & RD SERIES (Non-vented) 10 1/4" High				
Part # Painted	Part # Galv (Non-Insulated)	Part # Galv (Insulated)	Curb OD Dimension sq	Curb fits Models
RC18	RCG21.625	RCGI21.625	21.6"	RTA18
RC24	RCG29.125	RCGI29.125	29.1"	RTA-RB-RD24
RC30	RCG35.125	RCGI35.125	35.1"	RTA-RB-RD30
RC36	RCG41.125	RCGI41.125	41.1"	RTA-RB-RD36
RC42	RCG47.125	RCGI47.125	47.1"	RTA-RB-RD42-RTASH
RC48	RCG53.125	RCGI53.125	53.1"	RTA-RB-RD48-RTASH
RC54	RCG59.125	RCGI59.125	59.1"	RTA-RB54-RTASH
RC60	RCG67.125	RCGI67.125	67.1"	RTA-RB60

VENTED FOR ALX, SB-SBRM & SD-SDUB SERIES



RCGV ROOF CURB

- UL762 requires vents and minimum 40" from roof to outlet
- Curb height varies to meet UL762 (see table)
- RCGV are 18" high, RCGVL are 12" high
- RCGVH vary to meet UL762
- 18 gauge galvanized steel construction
- 1 3/4" flanges
- Non-insulated & shipped fully assembled

Part # Vented 18" high (RCGV) Vented 12" high (RCGVL)	Part # To Meet UL762	UL762 Curb Height	Curb OD Dimension sq	Curb Fits Models
RCGV17.5 / RCGVL17.5	RCGVH17.5	27"	17.5"	ALX105, ALX120, SD-SDUB-10, SD-SDUB-12
RCGV19.5 / RCGVL19.5	RCGVH19.5	25"	19.5"	ALX135, ALX150, SB-SBRM-13, SD-SDUB-30, SD-SDUB-33, SD-SDUB-50, HRE-13, ALX105-C2, ALX105-C2
RCGV23.25 / RCGVL23.25	RCGV23.25	18"	23.25"	ALX165, SB-SBRM-15, SD-SDUB-85, HRE-16, ALX135-C2, ALX150-C2, ALX180-C2
RCGV26.5 / RCGVL26.5	RCGV26.5	18"	26.5"	ALX180, SB-SBRM-18, HRE-20, ALX165-C2
RCGV31.5 / RCGVL31.5	RCGV31.5	18"	31.5"	ALX210, ALX245, SB-SBRM-24, HRE-24
RCGV38.5 / RCGVL38.5	RCGV38.5	18"	38.5"	SB-SBRM-30, ALX210-C2, ALX245-C2, ALX300

Options & Accessories Disconnect Switches



EL1/3-25A
MOISTURE RESISTANT SWITCH

Single or Three Phase
Moisture resistant, IP65
25 Amps, 3 Poles

HP Ratings
120V AC - 3hp
240V AC - 7.5hp
480V AC - 15hp
600V AC - 20hp



DS1/3-30A
DISCONNECT SWITCH

Single or Three Phase
Disconnect NEMA 3R (3030D)
30 Amps, 3 Poles

HP Ratings
120V AC - 3hp
240V AC - 7.5hp
480V AC - 15hp
600V AC - 20hp



KG1-2P1PH
TOGGLE SWITCH

Single Phase, Non-reversing,
toggle operation NEMA 1
(2510KG1)
30 Amps, 2 Poles

HP Ratings
120V AC - 2hp
240V AC - 2hp
480V AC - 2hp



8890-5426-1
TOGGLE SWITCH WITH PILOT LIGHT

15 Amps, 2 Poles

HP Ratings
120V AC - 0.5hp



8890-54522-W
TOGGLE SWITCH

20 Amps, 2 Poles

HP Ratings
120V AC - 1hp
240V AC - 2hp



8890-MS403
TOGGLE SWITCH

40 Amps, 3 Poles

HP Ratings
120V AC - 7.5hp
240V AC - 15hp
480V AC - 20hp
600V AC - 40hp



8890-N13NC
SWITCH ENCLOSURE
WITH LOCKOUT

NEMA 1 Steel switch

UL705 SC

WHAT IS UL705 SUPPLEMENT SC?

Power Ventilation for Restaurant Exhaust Appliances

Power ventilators for restaurant exhaust appliances covered by these requirements are intended for installation in accordance with the Standard of the National Fire Protection Association for the Installation of Equipment for the Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment, NFPA 96.

Power ventilators for restaurant appliances shall comply with the Standard for Power Ventilators, UL 705 - Power Ventilator for Restaurant Exhaust Appliances, modified in that wiring system shall not be located in the path of travel of exhaust products.

REQUIREMENTS

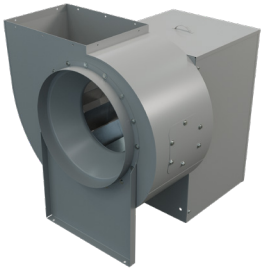
REQUIREMENT	ALX SERIES		BI-RM		HRE	
	STANDARD	ACCESSORY	STANDARD	ACCESSORY	STANDARD	ACCESSORY
Designed for removal of smoke and/or grease laden air	•		•		•	
Air temperatures up to 300°F	•		•		•	
Access for cleanout	•		•		•	
Grease drain	•		•		•	
Grease collection box		•		•		•
Minimum 500 FPM airflow in duct**	•		•		•	
Vented roof curb extending discharge minimum 40" above roofline		•	N/A*			•
Curb hinge		•	N/A			•

** must be mounted to extend outlet minimum 40" above roofline*
*** based on standard Canarm configurations with Motors and Drives, LMLD models must refer to Delair for minimum rPM to reach 500 FPM*

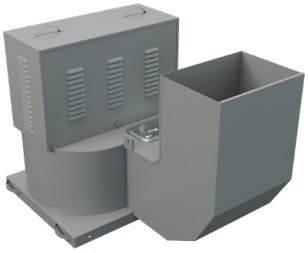
UL705 SUPPLEMENT SC LISTED PRODUCTS



ALX SERIES
(upblast models only)



BI-RM SERIES



HRE SERIES