



# LRK-DD SERIES DOWNBLAST DIRECT DRIVE SPUN ALUMINUM EXHAUSTERS

Ideal for exhausting air from factories, offices, warehouses or commercial buildings. The LRK 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.
- EC motors available, see LRK-UD-EC.
- Variable speed PSC Motors available on LRK 090/105/120/135
- All motors are 1 Phase 120/240V operation and can be operated at 50 or 60 Hz.
- All units can be wall mounted.
- Quick release latches for easy motor access on LRK135 – LRK165.
- Comes with bird screen.



**QUICK RELEASE  
LATCH FOR  
EASY MOTOR  
ACCESS**



## PERFORMANCE SPECIFICATIONS & CFM RATINGS

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		1-3/4" SP	
				High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
LRK105-DD013V	1/8	Y*	1650	950	526	875	451	760	225	-	-	-	-	-	-	-	-	-	-
LRK120-DD033V	1/3	Y*	1650	1300	977	1200	901	1000	751	800	601	600	451	-	-	-	-	-	-
LRK135-DD050V	3/4	Y	1650	1950	-	1900	-	1800	-	1650	-	1550	-	1400	-	1300	-	-	-

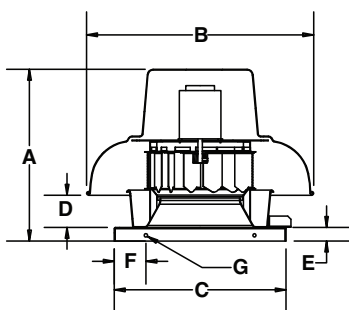
Model	Motor			AIRFLOW (CFM) @ STATIC PRESSURE																				
	HP	Variable Speed	Max RPM	0" SP			1/4" SP			1/2" SP			3/4" SP			1" SP			1-1/4" SP			1-1/2" SP		
				CFM	FEI	FEPAct (KW)	CFM	FEI	FEPAct (KW)	CFM	FEI	FEPAct (KW)	CFM	FEI	FEPAct (KW)	CFM	FEI	FEPAct (KW)	CFM	FEI	FEPAct (KW)	CFM	FEI	FEPAct (KW)
LRK150-DD100S	1	N	1750	2500	0.82	0.62	2400	1.02	0.63	2250	1.18	0.64	2075	1.32	0.64	1950	1.48	0.63	1775	1.62	0.61	-	-	-
LRK165-DD150S	1 1/2	N	1750	3400	0.56	1.16	3200	0.68	1.20	3100	0.80	1.24	2900	0.89	1.27	2700	1.00	1.22	2600	1.04	1.30	2100	0.98	1.30

\* Using MC5 for 115V or MC5-230 for 230V

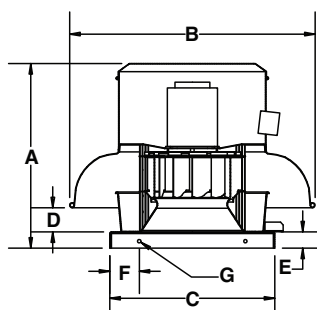
## DIMENSIONS

MODEL	DIMENSIONS (INCHES)										WEIGHT (lbs)
	A	B	C	C2	D	E	F	G Ø	Wheel Diameter	Roof Opening	
LRK105-DD	18.00	25.00	19.00	21.00	2.50	1.50	3.50	0.38	10.50	15.00	33
LRK120-DD	19.00	25.00	19.00	21.00	3.50	1.50	3.50	0.38	12.25	15.00	35
LRK135-DD	22.25	31.25	21.00	24.75	3.13	2.00	3.75	0.44	13.50	17.00	51
LRK150-DD	23.13	31.25	21.00	24.75	3.75	2.00	3.75	0.44	15.00	17.00	56
LRK165-DD	27.13	36.25	24.75	28.00	5.00	2.00	4.00	0.44	16.50	20.75	100

LRK105 / 120 - DD



LRK135 / 150 / 165 / 180 - DD



## OPTIONS & ACCESSORIES

- Motorized damper
  - Gravity (automatic) damper
  - Wall mount bracket (for all sizes up to 24")
  - Curb hinge
  - Disconnect switches
  - Roof Curbs
  - MC series solid state variable speed controls (LRK 105/120 and 135)
  - Other base (curb cap) options available.
- See C2 in dimensions table.



Larkin certifies that the LRK-DD 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 LRK-DD Series shown herein are not approved by AMCA for FEI ratings.