



## Centrifugal Upblast Kitchen Air Direct-Drive Exhaust Fans

Can be used to ventilate a kitchen or similar environment with grease-laden or humid air and include a drive package with motor. They have fewer moving parts and typically require less maintenance than belt-drive fans. Models are designed for light-to-moderate grease content in the exhaust airstream.

Note: Not for use in mobile food vehicle applications. Use will void warranty.

Wheel Dia. (in.)	Exhaust Airflow @ 0.000 in SP (cfm)	Exhaust Airflow @ 0.250 in SP (cfm)	Exhaust Airflow @ 0.500 in SP (cfm)	Max. Static Pressure (in wc)	Nameplate Voltage (AC)	Phase	Motor HP	No. of Speeds	Base Dim. (in Sq.)	Item No.
<b>Fans, Assembled</b>										
<b>Standard Grease, Aluminum Housing/Wheel Material</b>										
11	833	665	408	1/2	115V	1	1/6	1	19	20FT10
	970	806	411	3/8	115V	1	1/6	1	22	4HZ40
	1,260	1,156	1,041	1 1/4	115V	1	1/4	1	19	20FT11
12 1/2	1,468	1,373	1,255	1	115V	1	1/4	1	22	4HZ41
	2,037	1,923	1,816	1 1/2	115/230V	1	1/2	1	22	5DVP8
	2,037	1,923	1,816	1 1/2	115V	1	1/2	Variable	19	48C180
13 1/4	1,180	914	—	3/8	115V	1	1/8	1	22	4HZ44
	2,366	2,244	2,122	3/8	115/230V	1	3/4	1	22	4HZ45
	2,366	2,244	2,122	1 1/2	115V	1	3/4	Variable	19	48C181
14 5/8	2,366	2,244	2,122	1 1/2	208-230V	1	3/4	Variable	19	36WG76
	1,558	—	—	3/8	115V	1	1/4	1	26	56JN77
	2,065	—	1,605	3/4	115V	1	1/4	1	26	56JN76
16 5/8	2,808	—	2,509	1 1/2	115/208-230V	1	3/4	Variable	26	56JN79
	2,472	—	1,680	1/2	115V	1	1/4	1	26	56JN82
	3,277	—	2,745	1/8	115/230V	1	3/4	1	26	56JN81
18 1/2	3,277	—	2,745	1/8	115V	1	3/4	Variable	26	56JN84
	3,249	—	2,474	1/2	115/230V	1	1	1	30	56JN88
	3,778	—	3,190	3/4	208-230V	1	1	Variable	30	56JN89
21 3/8	4,307	—	3,822	1 1/4	115/230V	1	1	1	30	56JN87
	4,307	—	5,674	1 1/4	208-230/460V	3	1	1	30	56JN97
	6,412	—	5,674	1 1/2	208-230/460V	3	2	1	30	56JN90

For Fan Base Dim. (in Sq.)	Curb Height	Curb Inside Width	Curb Outside Width	Damper Size (in.)	Standards	Item No.
Roof Curbs						
Fixed, Nonventilated						
19 in	12 in	14 ½ in	17 ½ in	12 x 12	UL 705	2RB75
22 in	12 in	17 ½ in	20 ½ in	15 x 15		2RB76
26 in	12 in	21 ½ in	24 ½ in	19 x 19		2RB77
30 in	12 in	25 ½ in	28 ½ in	23 x 23		2RB79
Fixed, Ventilated						
19 in	24 in	14 in	17 ½ in	—	NFPA 96, UL 705, UL 762	4HX54
22 in	24 in	17 in	20 ½ in	—		4HX55
26 in	24 in	21 in	24 ½ in	—		4HX56
30 in	24 in	25 in	28 ½ in	—		4HX57



Fan with Drive



## High-Efficiency Electronically Commutated Motors

■ Motor speed: 300 to 1725 rpm

Replace standard AC or DC motors in an HVAC ventilator fan and feature onboard electronics to monitor and control their speed. Suitable for use in upblast fans and allow for optimal speed and power usage, reducing costs and wear and tear.

Motor Horsepower	Shaft Diameter	Item No.
1/8 hp	1/2 in	43Y135
1/4 hp	1/2 in	43Y136
1/2 hp	1/2 in	43Y137
3/4 hp	5/8 in	43Y138
1 hp	5/8 in	43Y139



43Y136

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