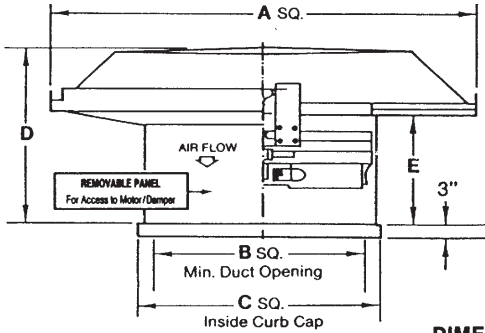




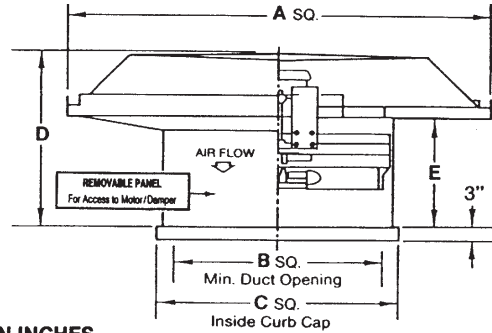
IP [English] Dimensions (SI (Metric) on Reverse Side)

CARNES COMPANY, 448 S. Main St., P. O. Box 930040, Verona, WI. 53593-0040 Phone: 608/845-6411 Fax: 608/845-6470 carnes@carnes.com http://www.carnes.com

Models LGBA/LGDA — Belt/Direct Drive



Models LFBA/LFDA — Filtered



DIMENSIONS LISTED IN INCHES

Models LGBA LGDA	A Sq. OD Hood	B Sq. Min. ID Opening	C Sq. ID Curb Cap	D Height	E Stack	OD Sq. Prefab Curb	Metal Gauges			Damper Size	Avg. Wt.
							Crown/ Side Hood	Stack	Curb Cap		
24	58	24	35	31	23	33¼	18/18	18	14	26	337
30	66	30	41	32	23	39¼	18/18	18	14	32	396
36	78	36	47	34	23	45¼	18/18	18	14	38	441
42	87	42	53	43	30	51¼	18/18	18	14	44	553
48	99	48	59	44	30	57¼	18/18	16	14	50	723
54	111	54	65	45	30	63¼	18/18	16	14	56	849
60	111	60	71	46	30	69¼	18/16	16	14	62	941

Models LFBA LFDA	A Sq. ² OD Hood	B Min. ID Opening	C ID Curb Cap	D Height	E Stack	Prefab Curb OD	Standard Filter*		Damper Size	Avg. Wt.	
							Size (Nominal)	Qty.			
24	1½ HP↓	58	24	35	31	23	33¼	15x20x2	8	26	352
	2 HP↑	66	24	35	31	23	33¼	19x22x2	8	26	
30	1½ HP↓	66	30	41	32	23	39¼	16x25x2	8	32	406
	2 HP↑	78	30	41	32	23	39¼	19x22x2	12	32	
36	2 HP↓	78	36	47	34	23	45¼	19x29¼x2	8	38	456
	3 HP↑	87	36	47	34	23	45¼	16½x23½x2	16	38	
42	1½ HP↓	87	42	53	43	30	51¼	20x25x2 / 16x20x2	8/4	44	569
	2 HP↑	99	42	53	43	30	51¼	18½x26½x2	16	44	
48	2 HP↓	99	48	59	44	30	57¼	19½x23½x2	16	50	735
	3-5 HP	111	48	59	44	30	57¼	16½x29½x2	20	50	
	7½ HP↑	123	48	59	44	30	57¼	17¼x35½x2	20	50	

↓ Denotes Stated HP and Below

↑ Denotes Stated HP and Above

- NOTES:**
- All materials are G90 galvanized steel. (See catalog V-21 for specific data and construction on fan elements.)
 - Due to shipping limitations, 87" and larger hoods may ship separate requiring field assembly. Specify if factory assembly is required and consult factory. Assembled 123" hoods must ship by double drop deck flat bed truck. This may affect normal freight rates.
 - Hoods hinge and a side panel are removable for fan and damper access.
 - Propellers 2, 3, 4, or 6 bladed, adjustable pitch, air-foil aluminum. (Fixed pitch steel and aluminum are also available.)
 - Dampers mount on damper tray inside curbs due to space restrictions. Factory supplied curbs have shelf included.
 - Filters are 2", cleanable, aluminum and may ship separate for field installation. Specify if factory installation is required and consult factory.
 - AMCA certification applies to models LGBA, LGDA and LFBA only. AMCA certified performance is shown in catalog V-21.

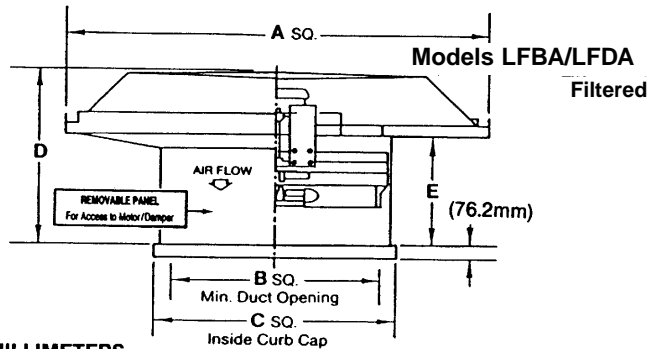
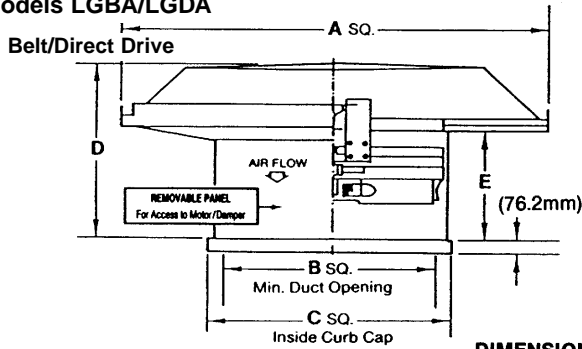
FAN SPECIFICATIONS									MOTOR SPECIFICATIONS								
Line	Qty.	Model No.	Tag	CFM	Static	Fan RPM	BHP	Sones	HP	Volts	Phase	Hertz	Enclosure				
1																	
2																	
3																	
4																	
5																	
ACCESSORY ITEMS				1	2	3	4	5	ACCESSORY ITEMS				1	2	3	4	5
<input type="checkbox"/>									<input type="checkbox"/>								
<input type="checkbox"/>									<input type="checkbox"/>								
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SI (Metric) Dimensions (IP [English] on Reverse Side)

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Models LGBA/LGDA



DIMENSIONS LISTED IN MILLIMETERS

Models LGBA LGDA	A Sq. OD Hood	B Sq. Min. ID Opening	C Sq. ID Curb Cap	D Height	E Stack	OD Sq. Prefab Curb	Metal Gauges			Damper Size	Avg. Wt. KG
							Crown/ Side Hood	Stack	Curb Cap		
24	1473	610	889	787	584	845	18/18	18	14	26	108
30	1676	762	1041	813	584	997	18/18	18	14	32	180
36	1981	914	1194	864	584	1149	18/18	18	14	38	200
42	2210	1067	1346	1092	762	1302	18/18	18	14	44	251
48	2515	1219	1499	1118	762	1454	18/18	16	14	50	328
54	2819	1372	1651	1143	762	1607	18/18	16	14	56	385
60	2819	1524	1803	1168	762	1759	18/16	16	14	62	427

Models LFBA LFDA	A Sq. ² OD Hood	B Min. ID Opening	C ID Curb Cap	D Height	E Stack	Prefab Curb OD	Standard Filter*		Damper Size	Avg. Wt. KG	
							Size (Nominal)	Qty.			
24	1½ HP ↓	1473	610	889	787	584	845	381x508x51	8	26	160
	2 HP ↑	1676	610	889	787	584	845	483x559x51	8	26	
30	1½ HP ↓	1676	762	1041	813	584	997	406x635x51	8	32	184
	2 HP ↑	1981	762	1041	813	584	997	483x559x51	12	32	
36	2 HP ↓	1981	914	1194	864	584	1149	483x756x51	8	38	207
	3 HP ↑	2210	914	1194	864	584	1149	410x597x51	16	38	
42	1½ HP ↓	2210	1067	1346	1092	762	1302	508x635x51/406x508x51	8/4	44	258
	2 HP ↑	2515	1067	1346	1092	762	1302	467x673x51	16	44	
48	2 HP ↓	2515	1219	1499	1118	762	1454	486x597x51	16	50	333
	3-5 HP	2819	1219	1499	1118	762	1454	419x749x51	20	50	
	7½ HP ↑	3124	1219	1499	1118	762	1454	451x902x51	20	50	

↓ Denotes Stated HP and Below

↑ Denotes Stated HP and Above

- NOTES:**
- All materials are G90 galvanized steel. (See catalog V-21 for specific data and construction on fan elements.)
 - Due to shipping limitations, 2210mm and larger hoods may ship separate requiring field assembly. Specify if factory assembly is required and consult factory. Assembled 3124mm hoods must ship by double drop deck flat bed truck. This may affect normal freight rates.
 - Hoods hinge and a side panel are removable for fan and damper access.
 - Propellers 2, 3, 4, or 6 bladed, adjustable pitch, air-foil aluminum. (Fixed pitch steel and aluminum are also available.)
 - Dampers mount on damper tray inside curbs due to space restrictions. Factory supplied curbs have shelf included.
 - Filters are 51mm, cleanable, aluminum and may ship separate for field installation. Specify if factory installation is required and consult factory.
 - AMCA certification applies to models LGBA, LGDA and LFBA only. AMCA certified performance is shown in catalog V-21.

FAN SPECIFICATIONS									MOTOR SPECIFICATIONS				
Line	Qty.	Model No.	Tag	CFM	Static	Fan RPM	BHP	Sones	HP	Volts	Phase	Hertz	Enclosure
1													
2													
3													
4													
5													
ACCESSORY ITEMS				1	2	3	4	5	ACCESSORY ITEMS				
<input type="checkbox"/>									<input type="checkbox"/>				
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