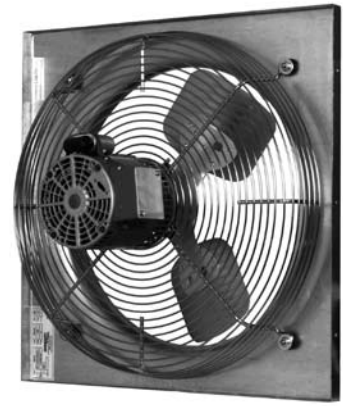




MODEL GED SIDEWALL DIRECT DRIVE PROPELLER FAN



APPLICATION

GED wall propeller fans feature the maximum efficiency, low maintenance and durable, economical operation resulting from the direct drive design. It is available in exhaust configurations to provide general ventilation for a wide variety of buildings and enclosed areas within buildings. Examples include factories, assembly plants, churches, gymnasiums, garages, jails, machine rooms and many others.

They feature extremely quiet operation and an integral motor side guard as standard.

CONSTRUCTION

Panel Assembly

- 16 gauge galvanized steel.
- One piece spun venturi for maximum efficiency.
- Prepunched mounting holes for easy installation.
- Formed flanges for added rigidity.
- Integral OSHA approved motor side guard.

Propeller

- Attached directly to motor shaft for maximum efficiency.
- Precision pitched, fabricated aluminum blades (3 & 4 blade models).
- Polypropylene blades (6 blade models).
- Statically and dynamically balanced.

Motors

- Permanently lubricated sealed ball bearing type.
- Sleeve bearings on low HP models.
- Open drip-proof construction is standard.

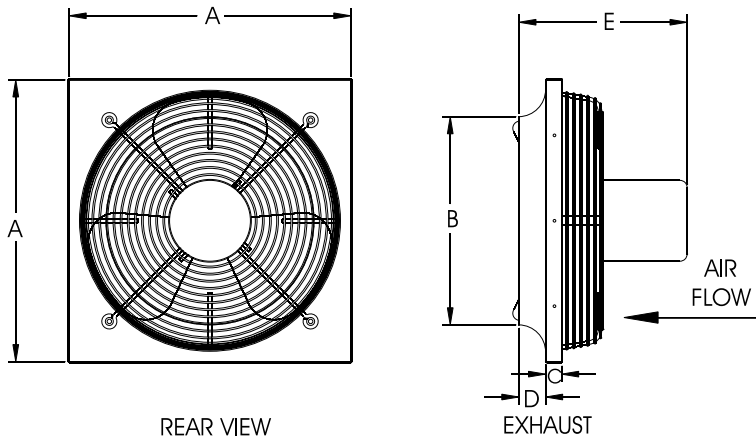
Entire Fan Unit

- Suitable for all angle installation.
- Completely assembled and factory tested prior to shipment.



UL STANDARD 705

PROPELLER WALL FANS



MODEL GED	115 VOLT SPEED CONTROL	
	5 AMP STOCK NO.	10 AMP STOCK NO.
10	2727.1	N/A
12	2727.1	N/A
14	2727.1	2828.1
16	2727.1	N/A
18	2727.1	2828.1
20	2727.1	2828.1

DIMENSIONAL DATA

MODEL GED/GSD	DIMENSIONS (IN.)						Average Ship Wt. Lbs.
	A	B	C	D	E*	F*	
10	16	10-1/2	1	2	11	9	30
12	16	12-1/2	1	2	14	12	30
14	20	14-1/2	1	2	14	12	34
16	20	16-1/2	1	2	14	12	37
18	24	18-1/2	1	2	15	13	45
20	24	20-1/2	1	2	15	13	50

- A. Outside dimension of square panel.
- B. Diameter of venturi.
- C. Width of flange, 1" for all models.
- D. Depth of venturi, 2" for all models.
- E. Depth of fan (exhaust).
- F. Depth of fan (supply).

* Varies with motor selection.

SPEED CONTROL **2727.1 MAX 1/3 HP-5 AMP 120V**
2828.1 MAX 1/2 HP-10 AMP 120V

ALL DIMENSIONS IN INCHES, WEIGHTS IN POUNDS. OD IS OUTSIDE DIMENSION OF SQUARE SHUTTER DUE TO CONTINUING RESEARCH, SOLER & PALAU RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

MODEL GED

Sidewall Direct Drive Propeller Fan

Ventilator with Open Drip-proof Motor

MODEL GED	MOTOR Hp	RPM	NO. OF BLADES	SONES @ 0 FT.	CFM/BHp at Static Pressure								115/1/60
					0	1/10	1/8	1/4	3/8	1/2	5/8	3/4	STOCK NO.
10	1/10	1550	4	7.8	718/.04	611/.04	561/.04	391/.06	336/.07	290/.08	245/.10	197/.11	GED10JHIAS
12	1/10	1550	4	12.9	1362/.09	1263/.10	1236/.10	990/.11	734/.13	628/.15	-	-	GED12JHIAS
	1/4	1700	4	11.9	1489/.17	1410/.18	1386/.18	1228/.19	966/.20	794/.22	720/.25	660/.27	GED12MHIAS
14	1/4	1700	4	13.1	1967/.20	1862/.22	1837/.23	1704/.24	1431/.26	1142/.29	-	-	GED14MHIAS
	1/2	1700	4	17.1	2533/.36	2410/.38	2376/.38	2160/.40	1866/.41	1509/.42	1414/.46	1299/.50	GED14QHIAS
16	1/4	1140	4	9.5	2467/.20	2245/.21	2159/.22	1734/.23	1347/.26	1102/.29	-	-	GED16MMIAS
	1/3	1700	3	15.8	2634/.27	2516/.29	2482/.29	2287/.32	2050/.34	1719/.36	1477/.39	-	GED16PHIAS
18	1/4	1140	3	10.7	3003/.20	2732/.21	2658/.21	2196/.23	1474/.24	1186/.26	929/.28	-	GED18MMIAS
	1/4	1700	3	15.7	3091/.24	2930/.26	2886/.27	2653/.29	2388/.31	2097/.33	1535/.35	1282/.37	GED18MHIAS
	1/2	1700	3	16.0	3816/.40	3640/.43	3593/.44	3352/.47	3098/.50	2803/.52	2371/.54	1872/.55	GED18QHIAS
20	1/4	1140	3	12.2	3575/.21	3264/.23	3177/.24	2715/.26	1765/.27	-	-	-	GED20MMIAS
	1/2	1700	3	14.1	3460/.23	3285/.27	3242/.27	3006/.31	2727/.35	2362/.39	1945/.45	1676/.53	GED20QHIAS

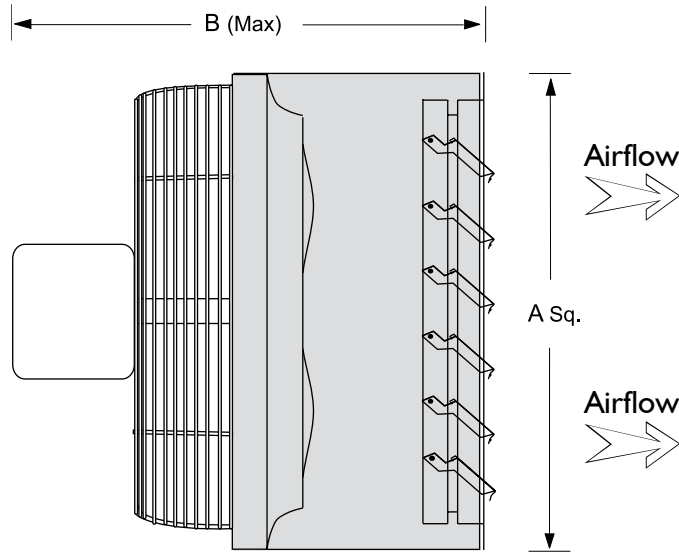
Performance shown is for Model GED without inlet or outlet ducts.

The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in a hemispherical free field calculated per AMCA Standard 301.

Values shown are for free inlet fan sone levels.

Fans use 3 & 4 blade fabricated aluminum propellers.

ASSEMBLED WALL PAK - EXHAUST

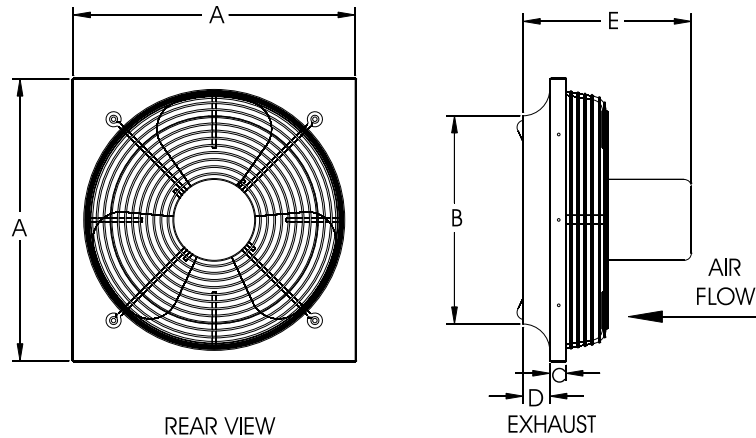


PROPELLER WALL FANS

FACTORY ASSEMBLED EXHAUST FAN - WALL COLLAR - OSHA GUARD - SHUTTER

MODEL GED	WALL PAK - ASSEMBLED FAN/SLEEVE/SHUTTER/OSHA GUARD			
	A	B	WEIGHT (APPROX)	STOCK NO.
10	16	26	80	WCPGED10
12	16	26	85	WCPGED12
14	20	26	90	WCPGED14
16	20	26	95	WCPGED16
18	25	26	110	WCPGED18
20	25	26	120	WCPGED20

GED - DIRECT DRIVE SIDEWALL PROPELLER FAN WITH INTEGRAL OSHA GUARD - EXHAUST



SUBMITTAL DRAWING

GED SIZE	DIMENSIONS IN.)						AVG. SHIP WT. LBS.
	A	B	C	D	E*	F*	
10	16	10-1/2	1	2	11	9	30
12	16	12-1/2	1	2	14	12	30
14	20	14-1/2	1	2	14	12	34
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- F. Depth of fan (supply).
- * **Varies with motor selection.**

FAN SPECIFICATIONS									MOTOR SPECIFICATIONS				
Line	Qty.	Model No.	Tag	CFM	SP	Fan RPM	BHP	Sones	HP	Volts	Phase	Hertz	Encl
1													
2													
3													
4													
5													

ACCESSORY ITEMS					ACCESSORY ITEMS						
	1	2	3	4	5		1	2	3	4	5
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 Customer: _____ Approved: _____
 Location: _____