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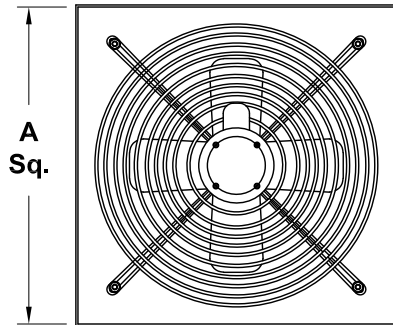
PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

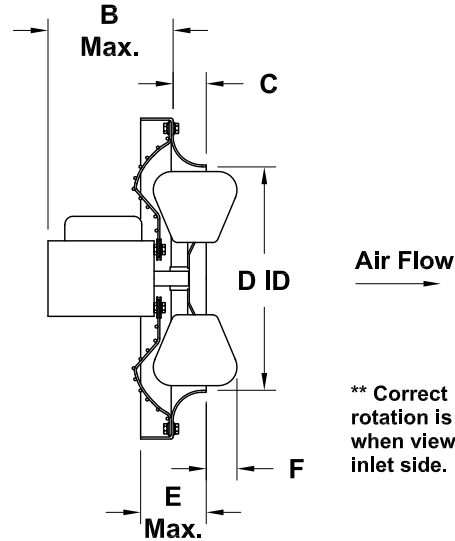


## Wall Fan Aluminum Propeller Direct Drive

**alternate design that would just be louvers on the outside wall and a propeller fan internal. This fan would be a little noisier. We could make the 10" size work**



\*\*Rotation



\*\* Correct propeller rotation is CCW when viewing from inlet side.

### DIMENSION DATA

Size	A Sq.	B max.	C	D Dia.	E	F	Wall Opening*	Unit Wt.
8	12-3/16	3-1/4	1	8-3/4	3	3/4	12-7/16	13
10	16-3/16	4-3/4	1-1/2	10-3/4	3-1/2	1-1/2	16-7/16	20
12	16-3/16	4-3/4	1-3/4	12-3/4	3-3/4	1-1/2	16-7/16	21
14	20-3/16	5-13/16	2-1/2	14-3/4	4-1/2	1-5/8	20-7/16	31
16	20-3/16	5-13/16	2-1/2	16-3/4	4-1/2	2	20-7/16	33
18	24-3/16	5-13/16	2-3/4	18-3/4	4-3/4	2-1/8	24-7/16	39
20	24-3/16	5-13/16	2-3/4	20-3/4	4-3/4	2-1/8	24-7/16	37
24	30-3/16	6-1/16	3-3/4	25	6-5/8	1-3/8	30-7/16	56

ALL DIMENSIONS IN INCHES. WEIGHTS IN LBS. INCLUDES ODP MOTOR.

\* See wire guard or wall collar submittal for accessory wall opening.

### ACCESSORIES

1. GALVANIZED SHUTTER - GRAVITY OR MOTORIZED
2. ALUMINUM SHUTTER - GRAVITY OR MOTORIZED
3. BAKED EPOXY POWDER
4. BAKED PHENOLIC EPOXY POWDER
5. PROP SIDE WIRE GUARD
6. MOTOR SIDE WIRE GUARD
7. WALL COLLAR
8. WEATHER HOOD
9. SHUTTER GUARD
10. DISCONNECT SWITCH
11. FAN SPEED CONTROL

### STANDARD CONSTRUCTION FEATURES:

Aluminum propeller blades attached to a steel hub - Propellers are statically and dynamically balanced - Spun steel venturi - Welded wall base corners - Lorenized powder paint finish - Plated steel motor mount/wire guard - Corrosion resistant fasteners - Single phase open drip-proof motor

QTY	MARK	CATALOG NUMBER	FAN INFORMATION			MOTOR INFORMATION					ACCESSORIES						
			CFM	SP	RPM	HP	VOLTS	HZ	PH	TYPE							

MOTOR TYPE: ODP (OPEN DRIP-PROOF).



**COOK**

# Wall Collar

DATE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

LOCATION: \_\_\_\_\_

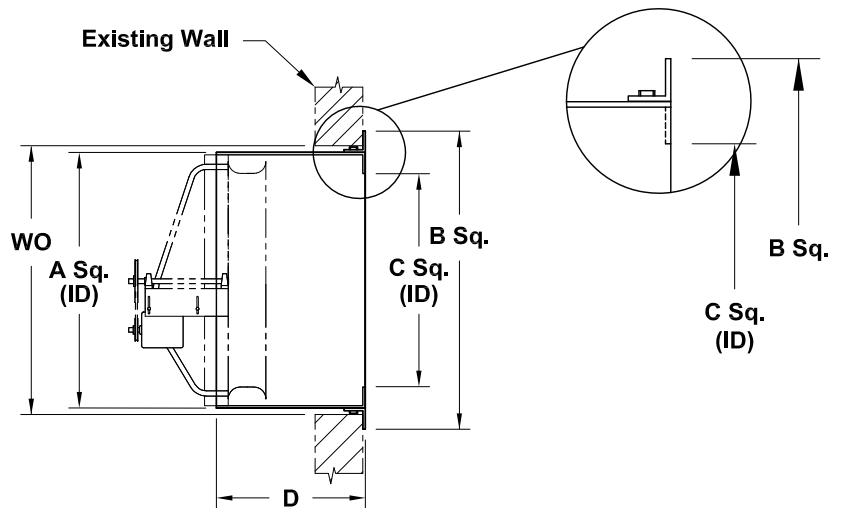
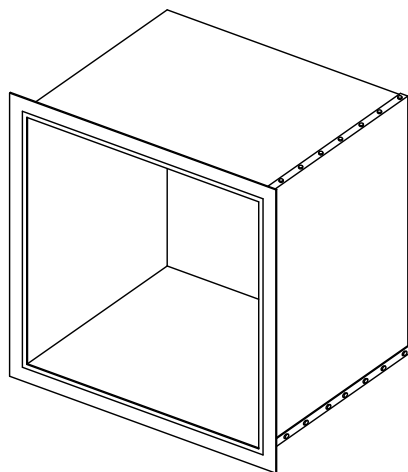
SWD, AWB, AWD, EWB  
 EWD, XWD, XWHD XLW  
 XMW, XLWH, XMWH  
 Propeller Wall Fans

**DIMENSION DATA**

SWD,XWD,XWHD AWD,AWB,XLW XMW,XLWH,XMWH Size	EWD EWB Size	A Sq.	B Sq.	C Sq.	D	Wall Opening	Galvanized Steel Gauge	Optional Aluminum Thickness
8	-	12-3/16	15-1/2	10-3/8	12	13-1/4	18	.080
10	-	16-3/16	19-1/2	14-3/8	14-5/16	17-1/4	18	.080
12	-	16-3/16	19-1/2	14-3/8	14-5/16	17-1/4	18	.080
14	-	20-3/16	23-1/2	18-3/8	15-5/16	21-1/4	18	.080
16	-	20-3/16	23-1/2	18-3/8	15-5/16	21-1/4	18	.080
18	-	24-1/4	27-1/2	22-3/8	17-1/2	25-1/4	18	.080
20	-	24-1/4	27-1/2	22-3/8	17-1/2	25-1/4	18	.080
24	-	30-1/4	33-9/16	28-7/16	18-11/16	31-5/16	18	.080
30	24	36-1/4	39-9/16	34-7/16	18-11/16	37-5/16	18	.080
36	30	42-1/4	45-9/16	40-1/2	19-7/16	43-5/16	18	.080
42	36	48-1/4	51-5/8	46-1/2	19-7/16	49-3/8	16	.080
48	42	54-1/4	57-5/8	52-1/2	19-11/16	55-3/8	16	.100
54	48	60-1/4	63-11/16	58-9/16	19-11/16	61-7/16	14	.100
60	54	66-1/4	69-11/16	64-9/16	19-11/16	67-7/16	14	.100
-	60	72-1/4	75-11/16	70-9/16	19-11/16	73-7/16	14	.100
-	72	84-1/4	87-11/16	82-9/16	19-11/16	85-7/16	14	.100

ALL DIMENSIONS IN INCHES.

FASTENERS SHOULD BE PLACED ON 6" TO 10" CENTERS ON THE PERIMETER OF THE WALL COLLAR. WALL COLLAR SHOULD BE CAULKED TO THE EXTERIOR OF THE WALL. FAN NOT INCLUDED.



MARK: \_\_\_\_\_

PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

**Discharge Aluminum Construction  
APB, APD, AWB, AWD, SWD, XWD,  
XWHD, XLW, XMW, XLP, XMP  
Propeller Fans**

**DIMENSION DATA**

Model No.		Prop Size	A Sq.	B Sq.	Number of Panels		Ship. Wt.	
Standard Duty	Heavy Duty				Standard Duty	Heavy Duty	Standard Duty	Heavy Duty
GSS-10	-	8	13	10-3/8	1	-	2	-
GSS-14	-	10	17	14-3/8	1	-	3	-
GSS-14	-	12	17	14-3/8	1	-	3	-
GSS-18	-	14	21	18-3/8	1	-	4	-
GSS-18	-	16	21	18-3/8	1	-	4	-
GSS-22	-	18	25	22-3/8	1	-	5	-
GSS-22	-	20	25	22-3/8	1	-	5	-
GSS-27	GSH-27	24	30	27-3/8	1	1	8	11
GSS-33	GSH-33	30	36	33	1	1	11	17
GSS-39	GSH-39	36	42	39	1	1	16	23
GSS-45	GSH-45	42	48	45	1	1	21	31
-	GSH-51	48	54	51	-	2	-	39
-	GSH-57	54	60	57	-	2	-	49
-	GSH-63	60	66	63	-	2	-	60

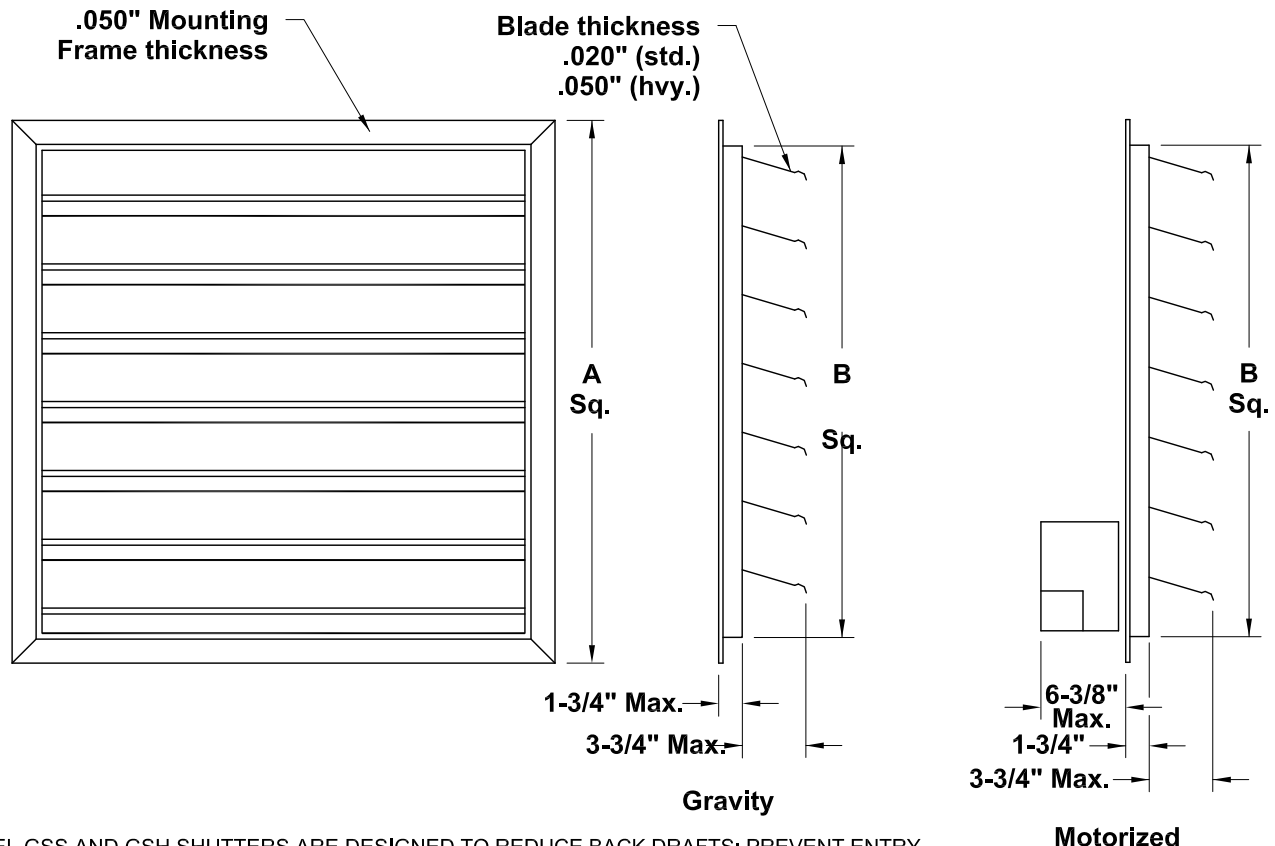
**NOTES:**

- 1) ONE ACTUATOR REQUIRED FOR MOTORIZING.
- 2) TO ORDER A MOTORIZED SHUTTER, SUBSTITUTE "M" FOR "G" IN MODEL NO.
- 3) ADD 2 LBS. TO SHIPPING WEIGHT FOR EACH MOTOR ON MOTORIZED UNITS.
- 4) MOTOR OPERATED DAMPERS REQUIRED FOR VELOCITIES BELOW 400 FPM. USE STANDARD DUTY SHUTTERS FOR DISCHARGE VELOCITIES OF 0-2000 FPM. USE HEAVY DUTY SHUTTERS FOR DISCHARGE VELOCITIES OF 2000-3000 FPM. MAXIMUM VELOCITY OF 3000 FPM.

ALL DIMENSIONS IN INCHES. WEIGHTS IN LBS.

**STANDARD CONSTRUCTION FEATURES:**

Blades are roll formed 3003H14 aluminum (Std.) or extruded 6063 T6 aluminum (Hvy.). Blades have vinyl edge gasket. Damper frame is extruded 6063 T6 aluminum. Extruded aluminum blade link bar connects each blade for uniform blade positioning. Blades pivot on full width extruded aluminum blade hanger for added strength.



THE MODEL GSS AND GSH SHUTTERS ARE DESIGNED TO REDUCE BACK DRAFTS; PREVENT ENTRY OF SOME FOREIGN MATERIAL AND PESTS, SUCH AS BIRDS; AND LIMIT THE AMOUNT OF RAIN THAT ENTERS THE BUILDING. THESE SHUTTERS ARE INTENDED TO BE WEATHER-RESISTANT, BUT ARE NOT WEATHER-PROOF FOR EXTREME CONDITIONS.