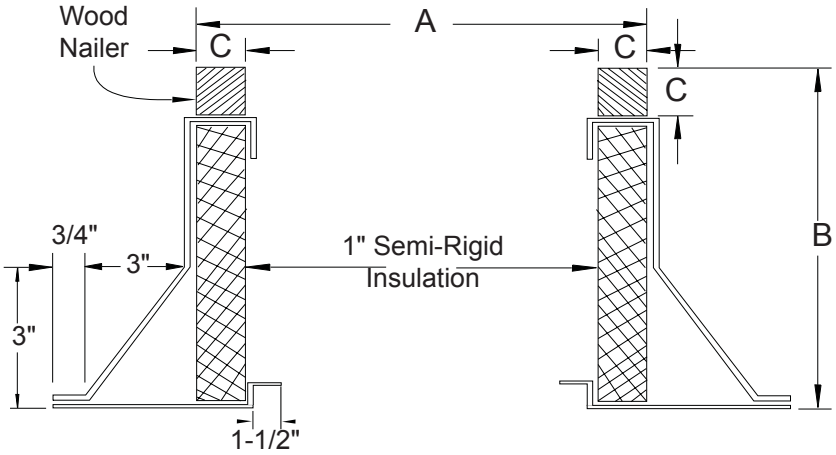
INSULATED CANTED ROOF CURB

P: 800.961.7370
www.solerpalau-usa.com



OPTIONS:

1. Insulation retainers - solid or screen type.
2. Burglar bars - 1/2" dia. on 6" centers.
3. Finishes - baked or air-dried enamel or epoxy.
4. Heights: 8, 12, or 16".
5. Single pitch, double pitch or flat style.
6. Damper Tray.

FAN SIZE	"A" OD (Square) CURB / RF TYPE								"B" CURB HEIGHT	"C" WOOD NAILER	GAUG-ES	WT.
	CENT. SUPPLY (KSF)	CENT. SUPPLY (CSF, LSF)	CENT. SUP-PLY (SRT)	UP-BLAST ROOF (UBB, UBS, UBX, UBRD)	UPBLAST ROOF (UBSRD, UBSRD-HT, UBSRD-HT1)	UP-BLAST ROOF (TUB, TUB-HT)	HOODED ROOF (HREB-C, HRSB, HRED-C, HRSD, HRSBF, HRSDF)	PRO-PELLER ROOF (ARE/ ARS)				
9	22-1/4	22-3/4	-	-	-	-	-	-	12" STD	1-1/2" Sq	18	34
10	26-1/2	26-1/2	14-3/4	-	-	-	-	18-1/2				36
12	30-1/2	26-1/2	-	-	-	-	-	22-1/2				36
15	30-1/2	30-1/2	-	-	-	-	-	-				36
16	-	-	-	-	-	-	-	26-1/2				36
18	34-5/8	34-5/8	-	-	-	-	-	-				40
20	49	49	-	-	-	-	-	30-1/2				58
24	-	-	-	31	28-1/2	33-1/4	33-1/4	-				39
30	-	-	-	37	34-1/2	39-1/4	39-1/4	-				46
36	-	-	-	43	40-1/2	45-1/4	45-1/4	-				54
42	-	-	-	49	46-1/2	51-1/4	51-1/4	-				61
48	-	-	-	55	52-1/2	57-1/4	57-1/4	-				68
54	-	-	-	61	58-1/2	63-1/4	63-1/4	-				75
60	-	-	-	67	64-1/2	69-1/4	69-1/4	-				82

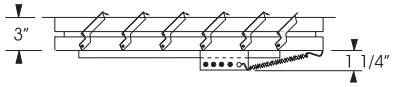
1. Standard construction is shown. If special construction is required, note changes below and highlight.
2. G-90 galvanized welded steel construction.

ACCESSORY ITEMS	1	2	3	4	5	ACCESSORY ITEMS	1	2	3	4	5
☐						☐					
☐						☐					
☐						☐					
☐						☐					

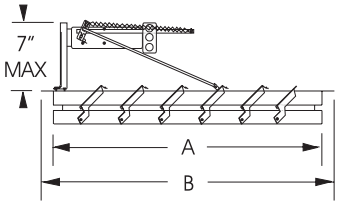
Project:_____ Submitted:_____
Customer:_____ Approved:_____
Location:_____

Soler&Palau Ventilation Group

BACKDRAFT DAMPERS
FOR ROOF MOUNTED HOODED EXHAUST PROPELLER FANS



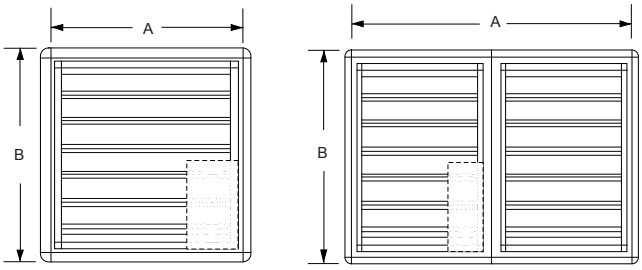
Spring Assist kit supplied with **HEAVY DUTY** dampers



GRAVITY

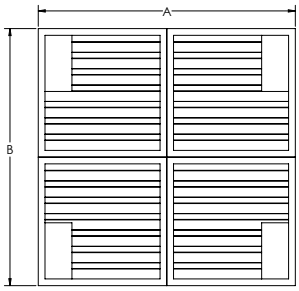
AIR FLOW UP

MOTORIZED



DETAIL #1 DETAIL #2

PLAN VIEW



DETAIL #4

STANDARD SPECIFICATIONS:
Maximum Face Velocity: 3000 fpm.
Temperature limits: -40^{0}F to 200^{0}F (-40^{0}C to 94^{0}C)
Minimum Size: 8 x 8
Size: Single section: 42 x 64 Max W/H
Multiple section assembly - Unlimited size.
Frame: 20 gauge galvanized steel.
Blades: .025 thick aluminum.
HD 28 gauge galvanized steel.
Seals: Extruded vinyl mechanically locked into blades.
Axles: Stainless Steel.
Linkage: Stainless steel pins, galvanized steel tie bar.
Finish: Mill.

MODELS HREB-C, HRED-C			DAMPER MOTOR		PANELS (Detail)
FAN SIZE	A Sq SIZE	B Sq OD FLANGE	TYPE	QTY	
24	26	28-1/2	MP2781-S	1	1
30	32	34-1/2	MP2781-S	1	1
36	38	40-1/2	MA220-S	1	1
42	44	46-1/2	MA220-S	1	2
48	50	52-1/2	MA220-S	1	2
54	56	58-1/2	MA220-S	1	2
60	62	65-1/2	MA220-S	1	2
72	76	78-1/2	MA220-S	4	4

Heavy Duty Dampers required on all units with 7 1/2HP motors and above.

NOTES:
(1) Do not mount fan less than 12 inches from the shutter.
(2) Motors available in 24V, 120V, 240V & 440V.
(3) Dampers shipped in individual cartons.
(4) Motors and spring kits ship separately.
(5) Center-pivoted dampers must be used on reversible fans.
(6) Multiple section assemblies may require bracing to support the weight of the assembly and to hold against system pressure. ***BRACING SUPPLIED BY OTHERS.***
(7) Multiple section dampers are factory joined (except 72" and larger).

CAUTION: *Motor kits are not suitable for use in explosive or flammable areas or airflows.*

ACCESSORY ITEMS	1	2	3	4	5	ACCESSORY ITEMS	1	2	3	4	5
☐						☐					
☐						☐					
☐						☐					
☐						☐					

Project: _____ Submitted: _____
Customer: _____ Approved: _____
Location: _____

Subject to change unless approved in submittal by Soler & Palau

Soler&Palau Ventilation Group