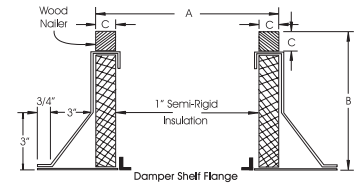
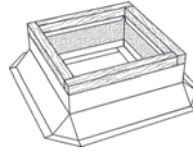


# ROOF VENTILATOR ACCESSORIES

## PREFABRICATED ROOF CURB

Factory built curbs reduce installation time and assure proper fit of ventilator and curb.

- Continuously welded 18 gauge galvanized steel with integral base plate.
  - 1 1/2 x 1 1/2 wood nailer.
  - 1" semi-rigid insulation.
  - Fully mitered 3" cant.
  - Damper mounting flange.
- A = Curb OD, see specific ventilators for recommended size.  
 B = Curb height, 8" standard, 12" optional.  
 C = Nailer width, 1 1/2" standard.



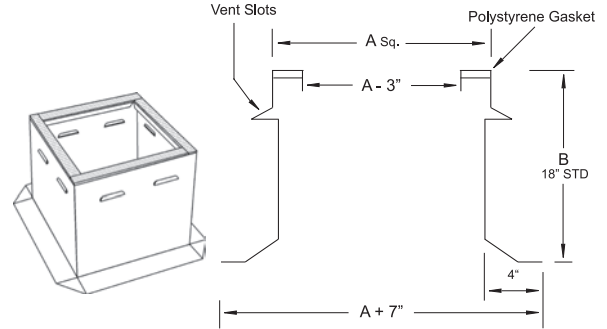
**STANDARD CANTED ROOF CURB**

**NOTE:** For restaurant applications the minimum curb height is 18".

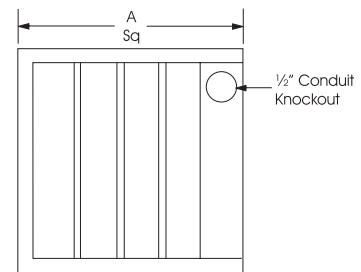
## STANDARD DUTY - BOX FRAME BACKDRAFT DAMPER

For exhaust ventilator models **DB, RED, LPD, TXD, TXB** and **ARE**.  
 For supply fan - refer to the flanged frame damper on the following page.

- Maximum face velocity - 1000 FPM.
- 19 gauge galvanized steel frame.
- 26 gauge aluminum blades.
- Stainless steel pivots.
- Felt seal between blades.
- Adjustable spring counter balance.
- Max 250°F ambient temp (130°F for motor).



**VENTED RESTAURANT ROOF CURB**

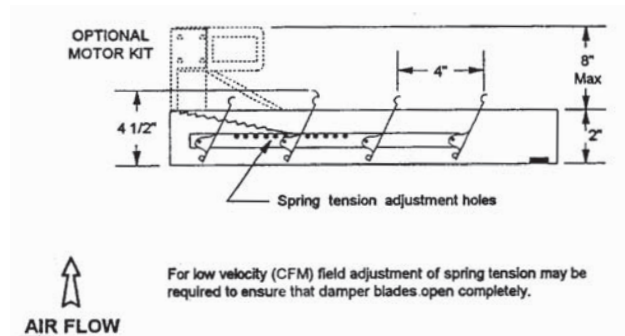


**Notes:**

- (1) Units are undersized 1/4" to fit in square ducts or inside the roof curb.
- (2) Do not mount fan less than 1/3 diameter of the fan from the damper.
- (3) Dampers shipped in individual cartons.
- (4) Motor kits ship loose for field installation.

A = Damper OD, see specific ventilator for specific size.

**DO NOT USE A DAMPER IN GREASE REMOVAL APPLICATIONS OR WITH A UL-762 LISTED EXHAUST FAN FOR KITCHEN VENTILATION**



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

ACCESSORIES

# ROOF VENTILATOR ACCESSORIES, cont'd.

## HEAVY-DUTY FLANGED FRAME BACKDRAFT DAMPER

For exhaust ventilator model **RCXII**.  
 For supply ventilator models **KSF, ARS** and **RCXII**.

- Maximum face velocity - 3000 FPM.
- 20 gauge galvanized steel frame.
- .025 aluminum blades.
- 28 gauge galvanized steel blades for 7 1/2 HP ventilator models (XHD).
- Stainless steel axles.
- Galvanized steel tie bars, stainless steel pins.
- Extruded vinyl seals between blades, mechanically locked into blade.
- Spring assist kit supplied with XHD dampers.

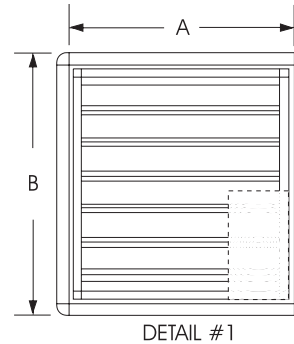
### Notes:

- (1) Do not mount fan less than 1/3 diameter of fan from the shutter.
- (2) Motors available in 24V, 120V, 240V, & 440V.
- (3) Dampers shipped in individual cartons.
- (4) Motors and counterbalance kits ship separately.
- (5) Units for horizontal mounting with air flow down require counter balance kits (for gravity operation).
- (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).

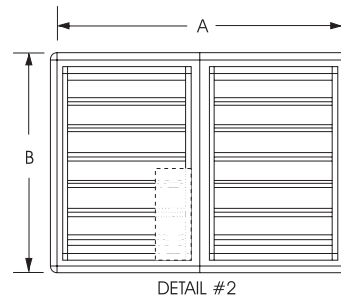
**CAUTION: Motor kits are not suitable for use in explosive or flammable areas or airflows.**

A = Damper OD, see specific ventilator for recommended size.  
 B = A + 2 1/2" (OD of damper flange)

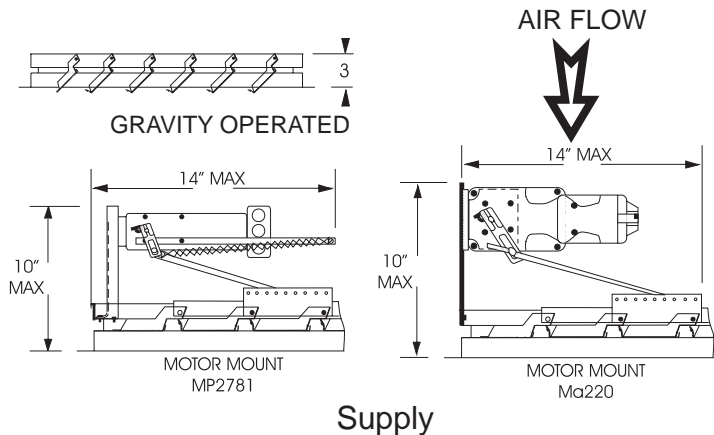
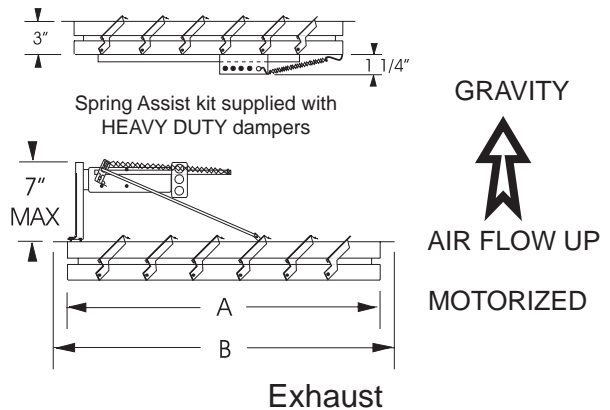
**NOTE:** For supply applications with airflow vertically down, a counter balance weight kit is supplied for field installation.



DETAIL #1  
 Single panel damper for ventilator size 36 & smaller.



DETAIL #2  
 Two panel damper for ventilator size 42 & larger.



ACCESSORIES

# SIDEWALL PROPELLER FAN ACCESSORIES

## WALL SHUTTERS/DAMPERS

For fan models **GED, LC, and L2**

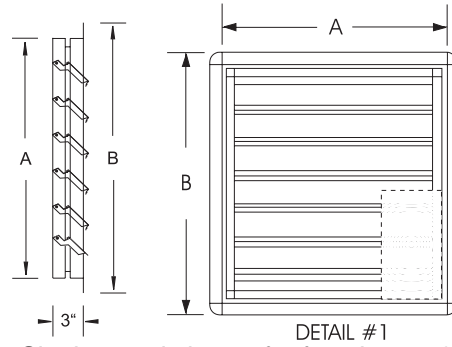
- Maximum face velocity - 3000 FPM.
- 20 gauge galvanized steel frame.
- .025 aluminum blades.
- Extruded vinyl seals between blades mechanically locked into blade.

### Notes:

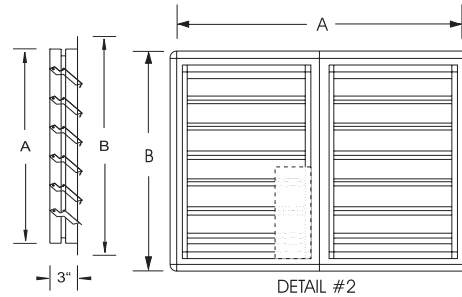
- (1) Do not mount fan less than 12 inches from the shutter.
- (2) Damper motors available in 24V, 120V, 240V, & 440V.
- (3) Dampers shipped in individual cartons.
- (4) Damper motor and mounting hardware ship separately.
- (5) Multiple section assemblies may require bracing to support the weight of the assembly and to hold against system pressure.  
**BRACING SUPPLIED BY OTHERS.**
- (6) Multiple section dampers are factory jointed (except 72" and larger).

**CAUTION: Damper motor kits are not suitable for use in explosive or flammable or airflows. Minimum 12" clearance between damper flange and fan blades.**

A = Shutter size, see specific fan for recommended size.  
B = A + 2 1/2" (OD of shutter flange)



DETAIL #1  
Single panel shutter for fan size 36 & smaller



DETAIL #2  
Two panel shutter for fan size 42 & larger

# SIDEWALL PROPELLER FAN ACCESSORIES, cont'd

## FAN - WALL HOUSING - SHUTTER - GUARD ASSEMBLY

Factory Assembled Package  
For fan models L and L2

### APPLICATION

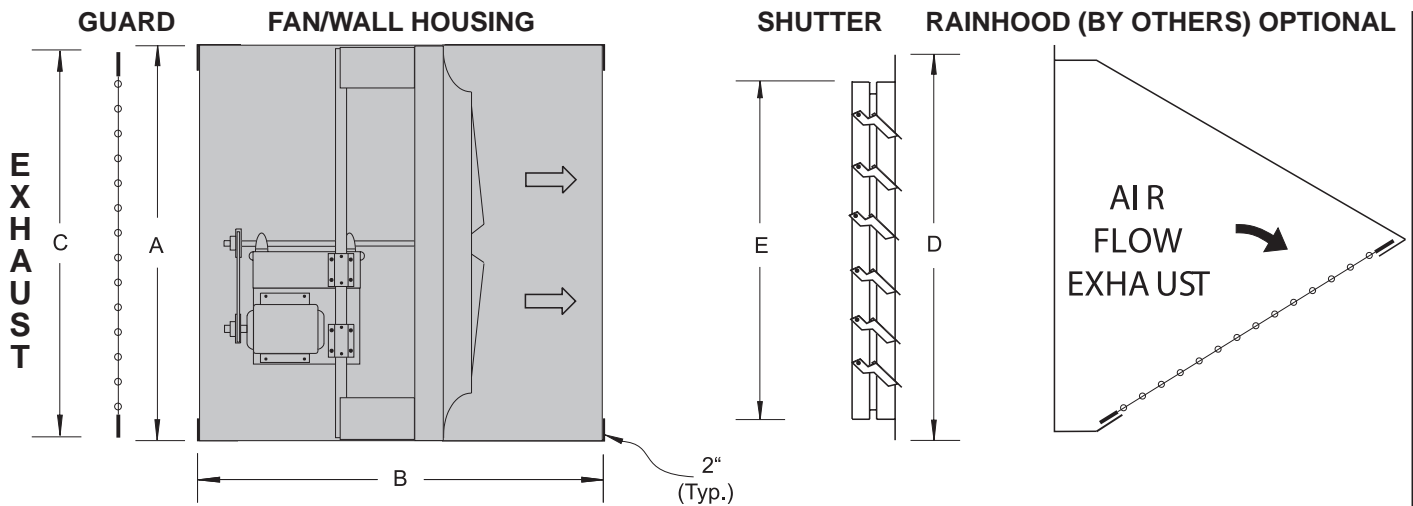
This heavy-gauge, all galvanized G-90 steel housing provides a simple solution to installing a fan and all required accessories in a rough wall opening. It can be used in exhaust or supply applications. Depending on space and maintenance requirements, the wall housing may be installed inward or outward of the building. All housings ship with the fan, shutter only on wall packs and guard assembled to lessen jobsite installation costs.

Rainhoods, by others are required for all supply applications, and motorized shutters are strongly recommended.

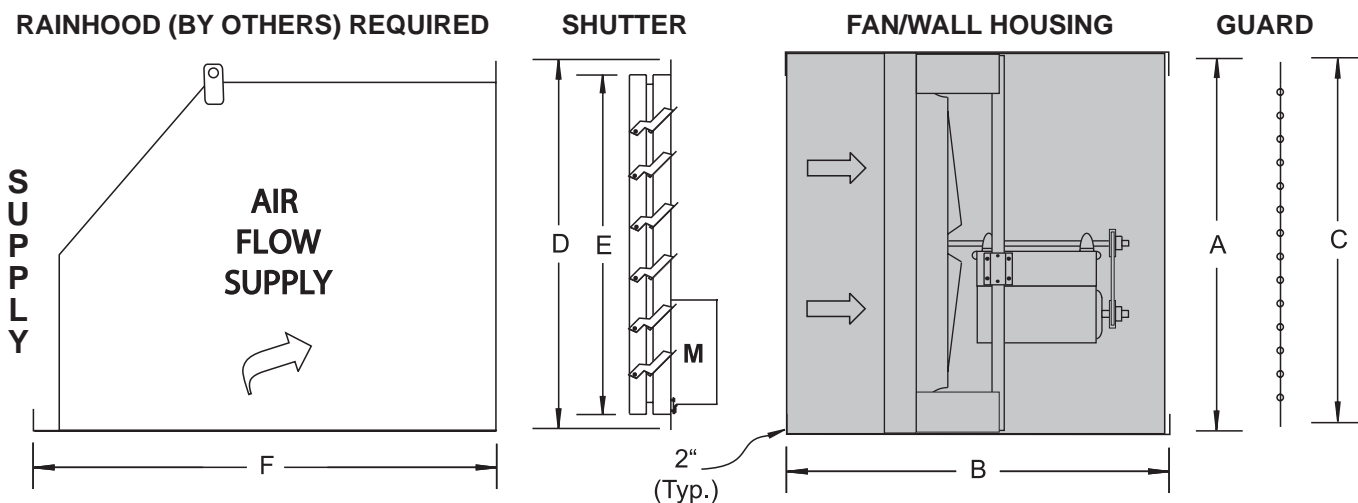
SIZE	A	B(LC)	B(L2)	C	D	E	MINIMUM WALL OPENING
20	25	32(1)	44	24	22 1/2	20	25 1/2
24	31			30	28 1/2	26	31 1/2
30	37			36	34 1/2	32	37 1/2
36	43			42	40 1/2	38	43 1/2
42	49			48	46 1/2	44	49 1/2
48	55			54	52 1/2	50	55 1/2
54	61	44		60	58 1/2	56	61 1/2
60	67			66	64 1/2	62	67 1/2

ALL DIMENSIONS IN INCHES. (1) IF MOTORIZED SHUTTER B=44.

### EXHAUST ARRANGEMENT (TYPICAL)



### SUPPLY ARRANGEMENT (TYPICAL)



ACCESSORIES