

LLOYD INDUSTRIES, INC.

Order Guide



www.firedamper.com

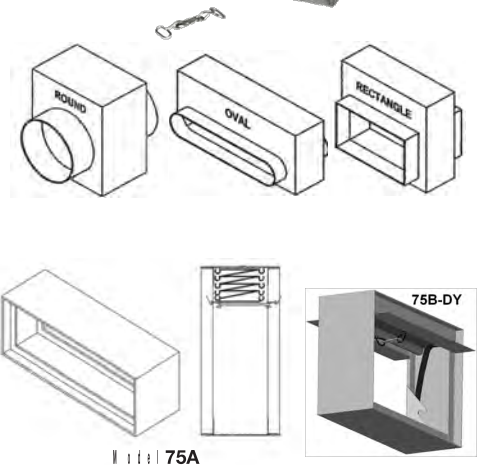
Fire Dampers



Description: Fire dampers are designed to restrict the spread of fire through ventilation systems by snapping shut when the fusible link melts.

Required information:

- What are the dimensions of the damper? Width _____ X Height _____
Dampers are supplied 1/4" less than ordered size unless "actual size" is specified.
- What transition sleeve is needed?
 No transition, plain damper (Model 75A)
 75CR: (round transition) Duct diameter _____
 75CO: (oval transition) Oval width _____ Oval height _____
 75C: (rectangular transition) Rectangle width _____ height _____
On the transition, we will determine the proper frame based on order dimensions you list.
- What is the depth of the damper?
 2" (Model 75D) 4.25" (standard)
- Is a sleeve required to increase the depth of the damper? Yes No
 If so, what is the length _____, gauge _____
 offset of damper in sleeve _____
- Where are the blades positioned?
 In airstream (75-85% free area, standard)
 Out of airstream (80-90% free area and less resistance to air flow, Model 75B)
When ordering blades for out-of-airstream dampers, the "height" does not include the blade stack. (See our specs for more details.)
- What is the mounting orientation of the damper?
 Horizontal (spring loaded with a blade lock)
 Vertical (gravity operated)
- What fire rating is required?
 1.5 hours (Model 75A) 3 hours (Model 75L)
Three-hour dampers can only be mounted vertically.
- What type of HVAC system is the damper for?
 Static: The HVAC system is required to shut down automatically during fire emergencies.
 Dynamic (DY series): The HVAC system continues to operate during the early phase of a fire, providing important smoke control.
Dynamic Option: Parallel Blades style (Model FD-111-PB)
Dynamic dampers can be mounted vertically or horizontally as well
- What material is required for the construction of the damper?
 Galvanized steel (standard) Stainless steel
- What temperature rating is required for the fusible link?
 165°F 212°F 285°F 375°F 386°F
- Is an Electro Thermal Link needed? Yes No
Available for 1.5 hours fire rating only.
- Are mounting angles needed?
 Full set of standard angles (4 per side, 8 total)
 Rapid mounting angle (4 total for one-sided mounting angle)



	Vertical	Horizontal
Static Curtain Damper (Single Section)		
Min:	4" x 4"	4" x 4"
Max:	60" x 60"	60" x 60"
Multi-Section Max:	120" x 120"	n/a
Dynamic Curtain Damper (Single Section)		
Min:	4" x 4"	4" x 4"
Max:	24" x 24"	24" x 24"
Multi-Section Max:	72" x 72"	

Date: _____

Wholesaler
 Name: _____
 Location: _____
 Salesman: _____
 Phone: _____

Contractor
 Company: _____
 Name: _____
 Job name: _____

Signature: _____

Comments



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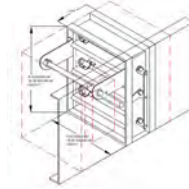
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Smoke Dampers

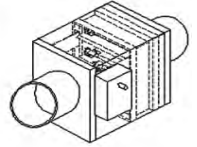
Description: Smoke dampers are designed to restrict or control the movement of air and smoke in HVAC systems which shut down in the event of a fire.

Required information:

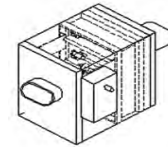
- What are the dimensions of the damper?
Width _____ X Height _____
Dampers are supplied 1/4" less than ordered size unless "actual size" is specified.
- What transition sleeve is needed?
 No transition, plain damper (Model SD-333-1-PB)
 CR: (round transition) Duct diameter _____
 CO: (oval transition) Oval width _____ Oval height _____
 C: (rectangular transition) Rectangle width _____ height _____
On the transition, we will determine the proper frame based on order dimensions you list.
- What class smoke damper is required?
 Class 1 Ultra-Low Leakage (SD-333-1-PB)
 Class 2 Low Leakage (SD-333-2-PB)
 Class 3 Leakage (SD-333-3-PB)
Leakage class indicates the level of air leakage and pressure drop. See specs.
- What material is required for the construction of the damper?
 Galvanized steel (standard) Stainless steel
- What type of actuator/motor is required?
 Electric: actuators work automatically to open and close a damper after responding to a signal.
 Pneumatic: actuators operate by a combination of force created by air and spring force. (Siemens only)
- What voltage electric actuator/motor is required?
 24 Volt 120 Volt 220 Volt
- Is an end switch required? Yes No
If yes, Belimo brand required
- What brand actuator is required?
 Siemens (standard)
 Belimo
- Where is the actuator mounted?
 External (Outside Damper; out of the airstream)
Actuator is mounted externally has options Right/Front or Left/Front.
 Internal (Inside Damper; in the airstream)
Actuator is mounted internally can be only mounted at Left/Front. See spec.
- Are mounting angles needed?
 Full set of standard angles (4 per side, 8 total)
 Rapid mounting angle (4 total for one-sided mounting angle)



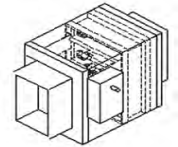
Model SD-333-1-PB



Model SD-333-1-PB
(Round type "CR")



Model SD-333-1-PB
(Oval type "CO")



Model SD-333-1-PB
(Rectangular type "C")

	Class I	Class II & III
Single Section		
Min:	12" x 8"	8" x 8"
Max:	36" x 36"	36" x 36"
Multi-Section		
Max:	144" x 72"	144" x 72"

Date: _____

Wholesaler
Name: _____
Location: _____
Salesman: _____
Phone: _____

Contractor
Company: _____
Name: _____
Job name: _____

Signature: _____

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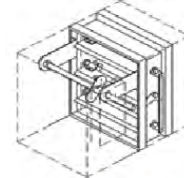
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Combination Fire/Smoke Dampers

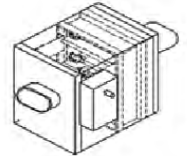
Description: Fire/Smoke dampers are designed to prevent the passage of both flame and smoke in the event of a fire.

Required information:

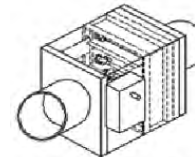
- What are the dimensions of the damper?
Width _____ X Height _____
Dampers are supplied 1/4" less than ordered size unless "actual size" is specified.
- What transition sleeve is needed?
 No transition, plain damper (Model FSD-111-1-PB)
 CR: (round transition) Duct diameter _____
 CO: (oval transition) Oval width _____ Oval height _____
 C: (rectangular transition) Rectangle width _____ height _____
On the transition, we will determine the proper frame based on order dimensions you list.
- What class fire/smoke damper is required?
 Class 1 Ultra-Low Leakage (FSD-111-1-PB)
 Class 2 Low Leakage (FSD-111-2-PB)
 Class 3 Leakage (FSD-111-3-PB)
Leakage class indicates the level of air leakage and pressure drop. See specs.
- What fire rating is required?
 1.5 hours (Model FSD) 3 hours (Model FSDL)
- What material is required for the construction of the damper?
 Galvanized steel (standard) Stainless steel
- What type of actuator/motor is required?
 Electric: actuators work automatically to open and close a damper after responding to a signal.
 Pneumatic: actuators operate by a combination of force created by air and spring force. (Siemens only)
- What voltage electric actuator/motor is required?
 24 Volt 120 Volt 220 Volt
- Is an end switch required? Yes No
If yes, Belimo brand required.
- What brand actuator is required?
 Siemens (standard)
 Belimo
- Where is the actuator mounted?
 External (Outside Damper; out of the airstream)
Actuator is mounted externally has options Right/Front or Left/Front.
 Internal (Inside Damper; in the airstream)
Actuator is mounted internally can be only mounted at Left/Front. See specs.
- Are mounting angles needed?
 Full set of standard angles (4 per side, 8 total)
 Rapid mounting angle (4 total for one-sided mounting angle)
- Is a LloydStat resettable, reusable link required?
 Yes No



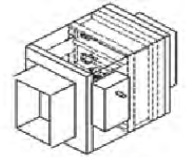
FSD-111-1-PB



FSD-111-1-PB
(Oval Type "CO")



FSD-111-1-PB
(Round Type "CR")



FSD-111-1-PB
(Rectangular Type "C")

	Class I	Class II & III
Single Section		
Min:	12" x 8"	8" x 8"
Max:	36" x 36"	36" x 36"
Multi-Section		
Max:	72" x 72"	72" x 72"

Date: _____

Wholesaler
Name: _____
Location: _____
Salesman: _____
Phone: _____

Contractor
Company: _____
Name: _____
Job name: _____

Signature: _____

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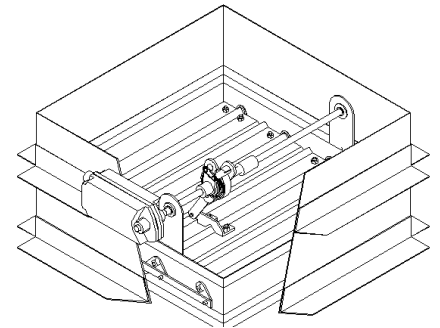
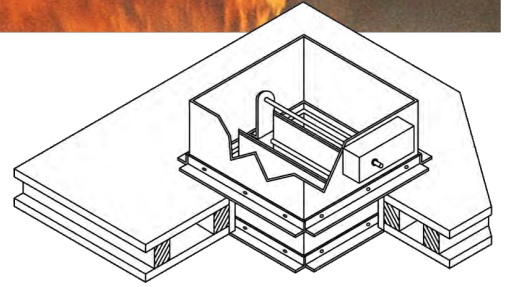
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Corridor Fire/Smoke Dampers

Description: Corridor Fire/Smoke Dampers are a combination of fire and smoke dampers that have been evaluated for mounting only in specific corridor use.

Required information:

- What are the dimensions of the damper?
Width _____ X Height _____
Dampers are supplied 1/4" less than ordered size unless "actual size" is specified.
- What class smoke damper is required?
 Class 1 Ultra-Low Leakage (CFSD-222-1-PB)
 Class 2 Low Leakage (CFSD-222-2-PB)
 Class 3 Leakage (CFSD-222-3-PB)
Leakage class indicates the level of air leakage and pressure drop. See specs.
- What material is required for the construction of the damper?
 Galvanized steel (standard) Stainless steel
- What type of actuator/motor is required?
 Electric: actuators work automatically to open and close a damper after responding to a signal.
 Pneumatic: actuators operate by a combination of force created by air and spring force. (Siemens only)
- What voltage electric actuator/motor is required?
 24 Volt 120 Volt 220 Volt
- Is an end switch required? Yes No
If yes, Belimo brand required.
- What brand actuator is required?
 Siemens (standard)
 Belimo
- Where is the actuator mounted?
 External (Outside Damper; out of the airstream)
Actuator is mounted externally has options Right/Front or Left/Front.
 Internal (Inside Damper; in the airstream)
Actuator is mounted internally can be only mounted at Left/Front. See specs.
- Are mounting angles needed?
 Full set of standard angles (4 per side, 8 total)
 Rapid mounting angle (4 total for one-sided mounting angle)
- Is a LloydStat resettable, reusable link required?
 Yes No



Min:	8" x 8"
Max:	24" x 24"

Date: _____

Wholesaler
 Name: _____
 Location: _____
 Salesman: _____
 Phone: _____

Contractor
 Company: _____
 Name: _____
 Job name: _____

Signature: _____

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Ceiling Radiation Dampers

Description: CRDs are used to protect HVAC openings in fire-rated horizontal ceiling assemblies. Damper closes automatically to restrict the passage of heat.

Required information:

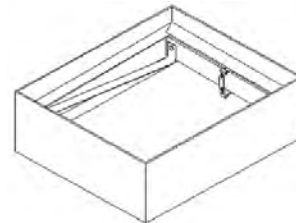
1. What type of CRD is needed?
 Square (Models 45&50) Round (Model 55)

For Square Type CRD

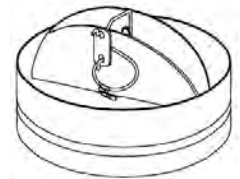
2. What are the dimensions of the CRD?
 Width _____ X Height _____
Dampers are supplied 1/4" less than ordered size unless "actual size" is specified.
3. What style of CRD is needed?
 Butterfly double blades (standard, CRD-50)
 Easy Access butterfly double blades (CRD50-EA)
 Curtain blade 4-1/4" depth (CRD45-LT)
 Curtain blade 2" depth (CRD45-LTD)
 4" single blade (CRD50-4X)
 6" single blade (CRD50-6X)
Easy Access is a wire which facilitates resetting fusible links

For Round Type CRD

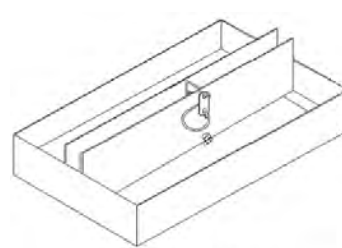
2. What is the diameter of the CRD? _____
Dampers are supplied 1/4" less than ordered size unless "actual size" is specified.
3. What style of CRD is needed?
 Butterfly double blades (standard, CRD-55)
 Easy Access butterfly double blades (CRD55-EA)
4. What temperature rating is required for the fusible link?
 165°F 212°F
5. What material is required for the construction of the CRD?
 Galvanized steel (standard)
 Stainless steel



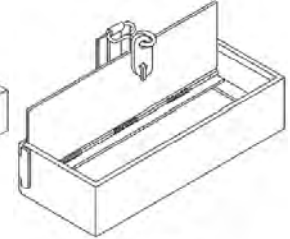
Model 45-LT



Model CRD-55

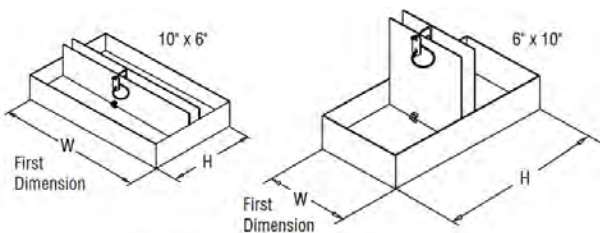


Model 50CRD Rectangular
(Shown with Easy Access Link)



Model 50CRD
Single-Blade Damper

See specs for min and max sizes



For greatest free area, use the shorter dimension for width
 Model CRD 50-EA W' x H'



Date: _____

Wholesaler
 Name: _____
 Location: _____
 Salesman: _____
 Phone: _____

Contractor
 Company: _____
 Name: _____
 Job name: _____

Signature: _____

Comments



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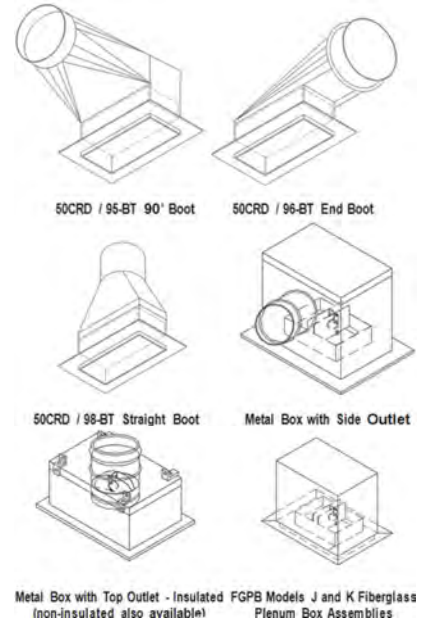
CRD Boot / Register Box Assembly

Description: Boots/Register assemblies include fiberglass plenum boxes.

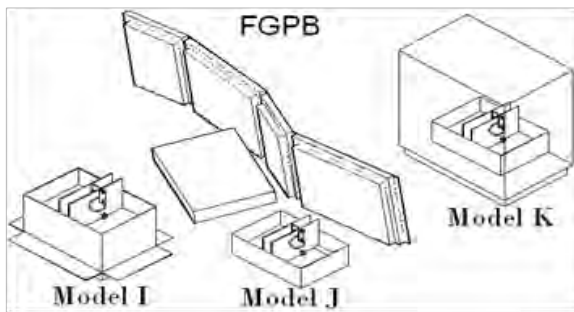


Required information:

- What are the dimensions of the boot?
Width _____ X Height _____ X Colar dia. _____
- What type of boot is required?
 - 50CRD/95-BT-90: 90° Boot
What is the gauge? 26 30 (standard)
 - 50CRD/96-BT: End Boot
What is the gauge? 26 30 (standard)
 - 50CRD/98-BT: Straight Boot
What is the gauge? 26 30 (standard)
 - Metal Register Box Assemblies
 - Insulated Non-Insulated
 - Top Outlet Side Outlet
 For models 50CRD-BT, 55CRD-BT, 45LT-BT & 45LTD-BT
Top outlet is only available with round CRD Model 55 .
 - Fiberglass Plenum Box Assemblies (FGPB)
 - 4.2 Insulation 6.0 Insulation
 - Knocked Down (Model J) Assembled (Model K)
 - Tapped In Tapped In and Mounted
- What material is required for the construction of the boot?
 - Galvanized steel (standard) Stainless steel



More varieties of boots are shown in the Ceiling Radiation Damper catalog.



Date: _____

Wholesaler
Name: _____
Location: _____
Salesman: _____
Phone: _____

Contractor
Company: _____
Name: _____
Job name: _____

Signature: _____

Comments



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Air Control Dampers



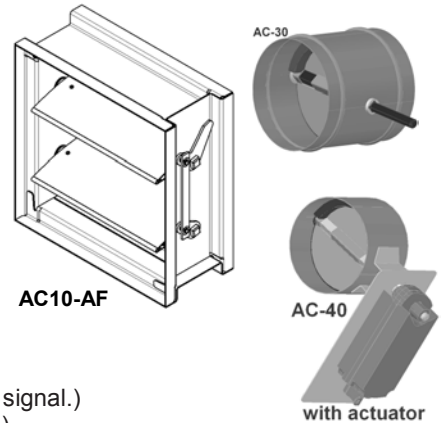
Description: Air control damper is used to control airflow and is considered medium to heavy duty.

Required information:

- What type of air control damper is needed?
 - Square (Models 10&20) Round (Models 30&40)

For Square Type AC damper
- What are the dimensions of the damper? Width _____ X Height _____
Dampers are supplied 1/4" less than ordered size unless "actual size" is specified.
- What blade motion is the damper?
 - Parallel blades: are used when greater control is required near the top of the damper or for systems requiring position operation (fully opened or fully closed).
 - Opposed blade: are used for applications where it is necessary to maintain even distribution of air downstream from damper.
The minimum height of opposed blade dampers is 10 3/4."
- What type of blade is required?
 - 3V blade Airfoil blade (more strength, less turbulence)

For Round Type AC damper
- What is the diameter of the damper? _____
- What style round damper is required? Square-to-round True round
The minimum depth of square-to-round is 14" to accommodate for the sleeve and collar.
- What material is required for the construction of the damper?
 - Galvanized steel (standard) Stainless steel Aluminum
- What type of actuator/motor is required?
 - Electric (actuators work automatically to open and close a damper after responding to a signal.)
 - Pneumatic (actuators operate by a combination of force created by air and spring force.)
 - Manual Quadrant
- What voltage actuator/motor is required?
 - 24 Volt 120 Volt 220 Volt
- Is an end switch required? Yes No
If yes, Belimo brand required.
- What brand actuator is required? Siemens (standard) Belimo
- Where is the actuator mounted?
 - External (Outside Damper; out of the airstream)
 - Internal (Inside Damper; in the airstream, square type damper only)
- What type of seals are desired?
 - Neoprene blade seals
 - Stainless steel jamb seals
 - Stainless steel jamb and blades seals
- What type of frame is required?
 - Channel frame (standard)
 - Flat head sill (for dampers 10.25" or less - saves space)
 - Flanged sill Flanged frame
- What type of bearing is desired?
 - Non-metallic calcon bearings (standard)
 - Bronze bearings



Single Section		Multiple Sections		Model	MIN	MAX
Minimum	W x H					
AC10	6" 6"	Unlimited		AC30	4" Dia	24" Dia
AC20	6" 10 25"			AC40	4" Dia	36" Dia
Maximum	60" 60"					

Date: _____

Wholesaler
 Name: _____
 Location: _____
 Salesman: _____
 Phone: _____

Contractor
 Company: _____
 Name: _____
 Job name: _____

Signature: _____

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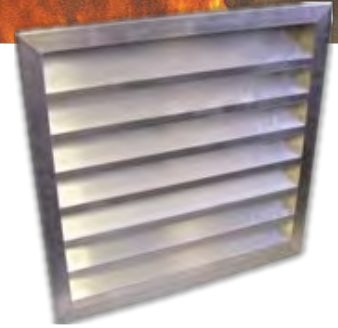
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Louvers

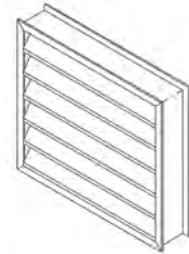


Description: Used in applications that require intake and exhaust ventilation with moderate protection from rain and weather infiltration.

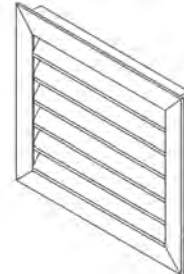
Required information:

- What are the dimensions of the louver?
Width _____ X Height _____
Louvers are supplied 1/4" less than ordered size unless "actual size" is specified.
- What type of louver do you need?
 Storm resistant (2" and 4" depth available)
 Drainable (4" and 6" depth available, 33° blades optional)
 Chevron (4" depth available)
- What is the depth of the louver?
 2" 4" 6"
- What is the frame type of the louver?
 Channel frame: can be installed flush or recessed in the face of a wall.
 Flanged frame: hides the edges of the opening.
- What screen is needed?
 Galvanized steel 1/2" X 1/2" mesh bird screen (standard)
 Aluminum woven 1/2" X 1/2" mesh bird screen
 Aluminum 1/16" X 1/16" mesh insect screen
- What material is required for the construction of the louver?
 Aluminum (standard)
 Stainless steel
 Copper
- What finish is desired?
 Mill finish (standard)
 Clear anodized
 Color anodized
 Baked enamel
 Kynar
 Powder coat

*For color finishes, indicate the color at time of quote request.
If no color is specified, we will quote the cost of standard colors,
actual cost of custom colors may be higher.*



Model 2-SRCF
(Channel Frame)



Model 2-SRF
(Flanged Frame)

See specs for min and max sizes

Date: _____

Wholesaler
Name: _____
Location: _____
Salesman: _____
Phone: _____

Contractor
Company: _____
Name: _____
Job name: _____

Signature: _____

Comments



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www.firedamper.com

Brick Vents

Description: A permanent means of ventilation for crawl spaces, hung ceilings, incinerator rooms, chimney flues, foundations, pipe spaces and corridors.

Required information:

1. What are the dimensions of the brick vent?

Width _____ X Height _____

Vents are supplied 1/4" less than ordered size unless "actual size" is specified.

2. What is the depth of the brick vent?

1" (Flanged frame)

4" (Channel frame)

Channel frame: can be installed flush or recessed in the face of a wall.

Flanged frame: hides the edges of the opening.

3. What finish is desired?

Mill finish (standard)

Clear anodized

Color anodized

Baked enamel

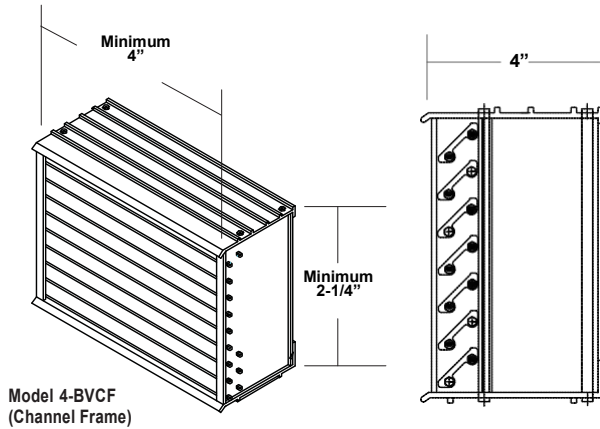
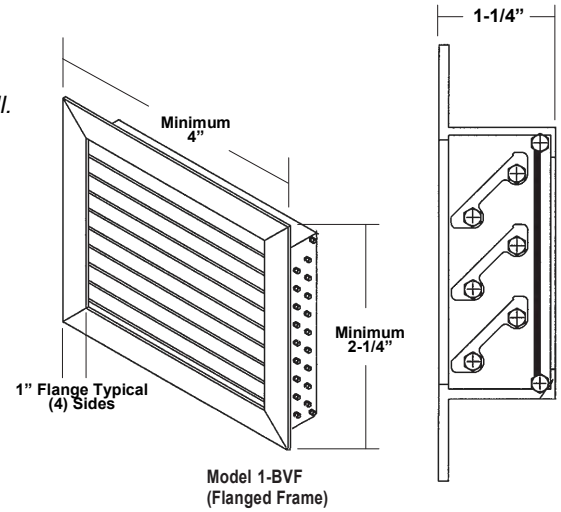
Kynar

Powder coat

For color finishes, indicate the color at time of quote request.

If no color is specified, we will quote the cost of standard colors,

actual cost of custom colors may be higher.



See specs for min and max sizes

Date: _____

Wholesaler
 Name: _____
 Location: _____
 Salesman: _____
 Phone: _____

Contractor
 Company: _____
 Name: _____
 Job name: _____

Signature: _____

Comments



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Back-Draft Dampers

Description: Dampers designed to allow air to flow in one direction and prevent reverse airflow.



Required information:

For Rectangular Dampers

- What is the orientation (mount) of the damper?
 - Horizontal (used when flow is vertical, in ceiling)
 - Vertical (used when flow is horizontal, in wall)

Back draft dampers cannot be used for downdraft applications.
- What are the dimensions of the damper?
 Width _____ X Height _____
Dampers are supplied 1/4" less than ordered size unless "actual size" is specified.
- What is the frame type of the damper?
 - Channel frame: can be installed flush or recessed in the opening.
 - Flanged frame: hides the edges of the opening.
 For flanged frame, blades open:
 - Toward the flange
 - Away from the flange
 - To intake air
 - To exhaust air
- Counter-balance weights need?: Yes No
 - To assist closing
 - To assist opening
- Is a round transition sleeve needed? Yes No
 Diameter _____
- What finish is desired?
 - Mill finish (standard)
 - Clear anodized
 - Color anodized
 - Baked enamel
 - Kynar
 - Powder Coat

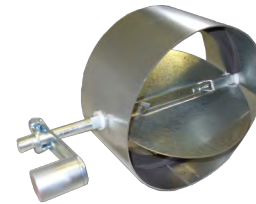
*For color finishes, indicate the color at time of quote request.
 If no color is specified, we will quote the cost of standard colors,
 actual cost of custom colors may be higher.*

For True Round Dampers

- What is the diameter? _____
Dampers are supplied 1/4" less than ordered size unless "actual size" is specified.
- What style is the damper?
 - AC30-BRD (for spiral duct)
 - AC40-BRD (for rigid duct)
- What material is needed? Galvanized Stainless
- What bearings are needed? Celcon Bronze
- What shaft length is needed? 3 inch 4 inch



Model AC30-BRD
(Spiral Duct)



Model AC40-BRD
(Right Duct)



Model LBDF-2
(Flanged Frame)

See specs for min and max sizes

Date: _____

Wholesaler
 Name: _____
 Location: _____
 Salesman: _____
 Phone: _____

Contractor
 Company: _____
 Name: _____
 Job name: _____

Signature: _____

Comments



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Security Bars

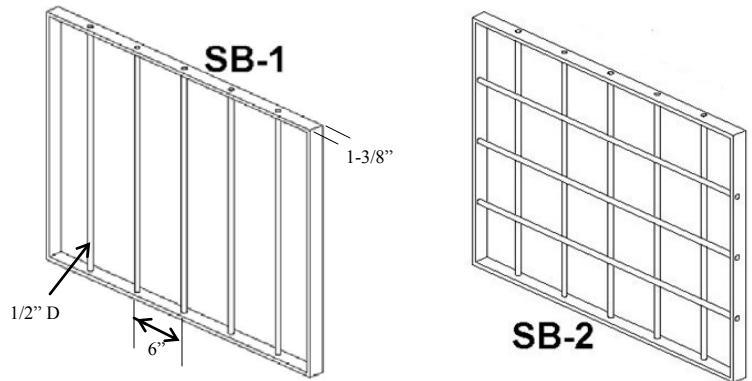


Description: Security bars are available in cold rolled steel construction to guard access to restricted areas.

Required information:

1. What are the dimensions of the security bars?
 Width _____ X Height _____
Bars are supplied 1/4" less than ordered size unless "actual size" is specified.
2. Are the bars vertical only or both vertical and horizontal?
 Vertical (SB-1)
 Vertical and Horizontal (SB-2)
3. What finish is desired?
 Unfinished (standard)
 Painted
 Zinc plated
 Black oxide
 Primed

Steel construction available only.



Date: _____

Wholesaler
 Name: _____
 Location: _____
 Salesman: _____
 Phone: _____

Contractor
 Company: _____
 Name: _____
 Job name: _____

Signature: _____

Comments



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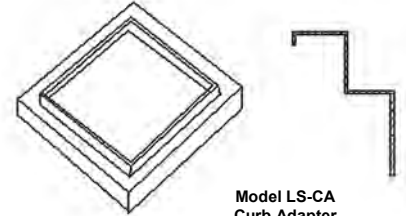


Roof Curbs

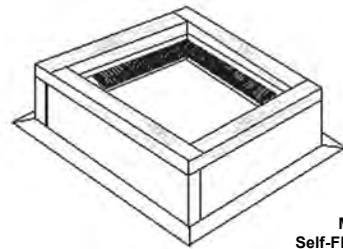
Description: Curbs are designed to be placed over a hole in a roof to support equipment that will be placed on top of the curb such as an air handler, fan, etc.

Required information:

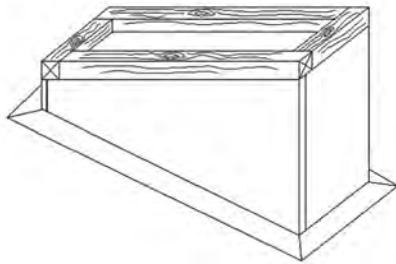
- What type of roof curb is required?
 - Self-flashing
 - Canted
 - Pitched—What is the pitch? _____
 - Curb adapter
- What are the dimensions of the curb?
 Length _____ Width _____ Height _____
If ordering a curb adapter, specify bottom dimensions first.
- What material is required for the construction of the curb?
 - Galvanized steel (LS)
 - Aluminum (LA)
- Is a damper tray needed? Yes No
A damper tray is an integral part of a curb that another damper can connect to.
- Are security bars needed? Yes No
 - Vertical (SB-1)
 - Vertical and Horizontal (SB-2)



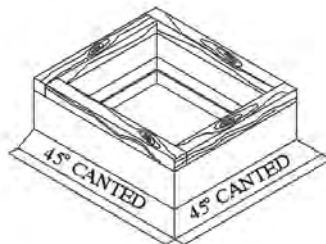
Model LS-CA
Curb Adapter



Model LS-SF
Self-Flashing Roof Curb



Model LS-SFP
Pitched Roof Curb



Model LS-SC
Canted Roof Curb

Date: _____

Wholesaler
 Name: _____
 Location: _____
 Salesman: _____
 Phone: _____

Contractor
 Company: _____
 Name: _____
 Job name: _____

Signature: _____

Comments



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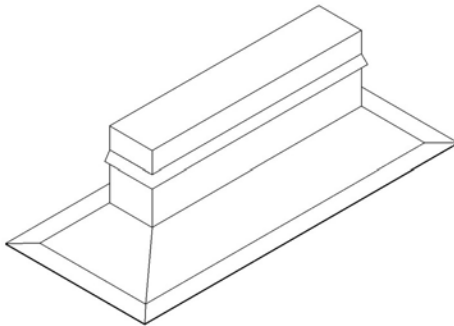
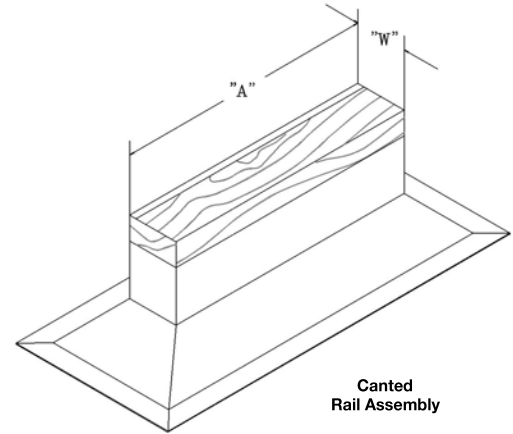
www.firedamper.com

Equipment Support Rails

Description: Used for supporting equipment on a roof such as piping, HVAC units and other heavy equipment.

Required information:

1. What type of rail is needed?
 - Self-flashing
 - Canted
2. What are the dimensions of the rail?
 Length _____ Width _____ Height _____
3. What material is required for the construction of the rail?
 - Galvanized steel (LS)
 - Aluminum (LA)
4. Is metal capping required? Yes No



Self-Flashing
Rail Assembly
(with Metal Capping)

Date: _____

Wholesaler
 Name: _____
 Location: _____
 Salesman: _____
 Phone: _____

Contractor
 Company: _____
 Name: _____
 Job name: _____

Signature: _____

Comments



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Access Doors

Description: Access doors are designed to provide entry to ductwork to access fire products.

Required information:

- What type of access door is required?
 - Standard mount for duct work
 - Hinged Cammed
 - Stick-on mount for duct work
 - Hinged Cammed
 - Standard for sheet rock (only available in aluminum construction)
 - Slot key Key lock when ordering
 - Walk-In Access Door (standard latches apply on this model)
 - Option: Keyed Latch 2 Inch 1 Inch
 - Fire-rated access door (Model FRAD-V)

- What are the dimensions of the door?

Width _____ X Height _____

Access doors are supplied 1/4" less than order unless "actual size" is specified.

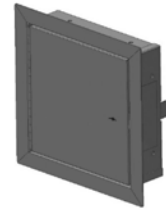
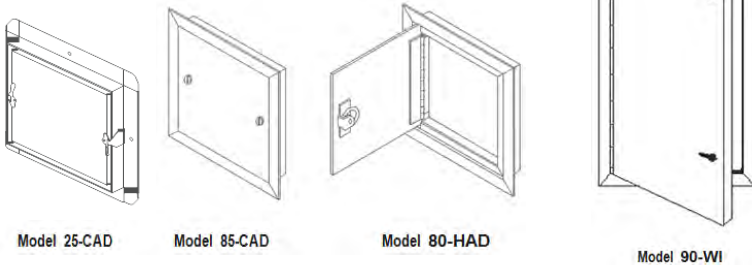
Pipe diameter _____ (Models 65-RCAD & 60-RHAD)

Round access doors are not "true" round but square or rectangular fitted with round pipe adapter (saddle type)

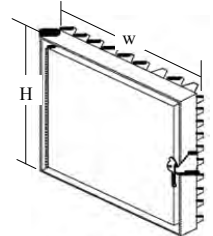
- What material is required for the construction of the product?
 - Galvanized Steel (standard)
 - Stainless Steel
 - Aluminum
 - Power Coat (Model FRAD-V only)

- Are tabs required for access door?
 - 1" tabs 1.5" tabs (duct-mounted access doors only)

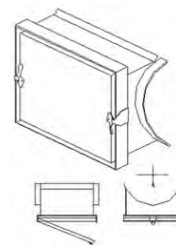
- Is a viewport required?
 - Yes No



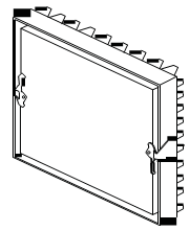
Model FRAD-V



Model 60-HAD



Model 65-RCAD
(Round type)



Model 65-CAD

See specs for min and max sizes

Date: _____

Wholesaler
Name: _____
Location: _____
Salesman: _____
Phone: _____

Contractor
Company: _____
Name: _____
Job name: _____

Signature: _____

Comments



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Accessories

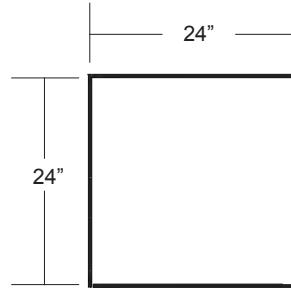
Description:

Required information:

1. What is the size of the blanket?
 24"
 36"

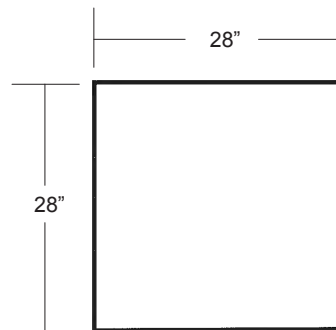
2. Does the blanket require scrim?
 Yes
 No

- Scrim is 6" long "X" pattern and die-cut with wire reinforcement on the blanket.



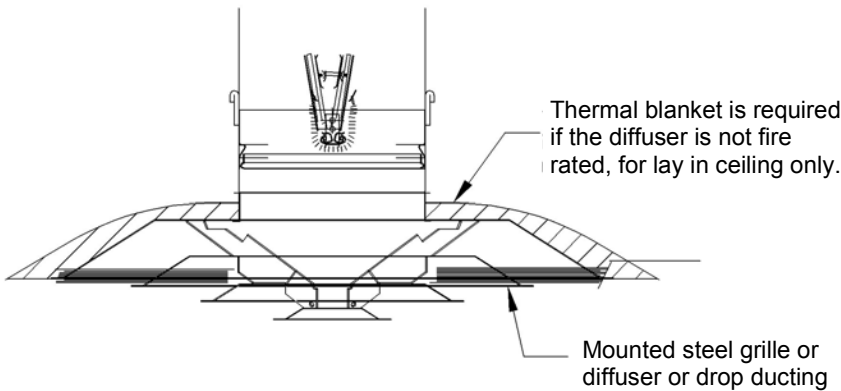
CTB-24:

- 1/4" thick, 8 lb. density ceramic fiber
- 24" x 24" face size
- For use with UL-classified ceiling radiation dampers



CTB-28:

- 1/4" thick, 8 lb. density ceramic fiber
- 28" x 28" face size
- For use with UL-classified ceiling radiation dampers



Date: _____

Wholesaler
 Name: _____
 Location: _____
 Salesman: _____
 Phone: _____

Contractor
 Company: _____
 Name: _____
 Job name: _____

Signature: _____

Comments



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Fire Dampers, Ceiling Radiation Dampers, Louvers & Doors

Fire Dampers and Ceiling Radiation Dampers



FSD-111
Combo Fire/
Smoke Damper



AC 20
Opposed-Blade
Air Control Damper



45 LT
Ceiling Radiation Damper



75 A
Damper with Sleeve



75 B
Damper with Blades
Outside of Airstream



75 A-DY
Dynamic Fire Damper



75 CR*
Round Fire Damper



75 D
Thinline
Damper



50 CRD
Ceiling Radiation
Damper



55 CRD
Round Ceiling
Radiation Damper



CRD 50-BT
Ceiling Radiation Damper with Insulated
Register Box, Top or Side Outlet



CRD 50-EA-95-BT
90° or Center Boot Ceiling Radiation
Damper with 1/2" Plaster Flange



CRD 50-NI-BT-26GS
Ceiling Radiation Damper with Non-
Insulated Register Box, Top or Side Outlet



50-4X / 50-6X
Single-Blade
Ceiling Radiation Damper



AC-40
Round Air Control
Damper

CRD 50/Fiberglass:

Ships assembled or knocked down



CRD 50-K
Ceiling Radiation Damper
with Sleeve and Plenum Box



CRD 50-I
Ceiling Radiation Damper
with Sleeve Only



CRD 50-J
Ceiling Radiation Damper and Sleeve
with Plenum Box Knocked Down

Access Doors



80 HAD
Flush-Mount
Access Door



20 HAD
Adhesive Cammed and
Hinged Access Door



65 CAD
Cammed
Access Door

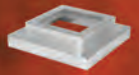


65 RCAD
Hinged Access Door
for Round Duct



90WI
Walk-In
Access Door

Roof Curbs



LS-CA Steel
Steel Roof Curb
Adapters



LS-SF / LA-SF
Insulated Steel or Aluminum
Self-Flashing Roof Curbs



LS-SC / LA-SC
Steel or Aluminum Standard Cant
Insulated Roof Curbs



LS-SFP / LA-SFP
Steel or Aluminum Self-Flashing
Pitched Roof Curbs

Equipment Rails



LS-ESC / LA-ESC
Steel or Aluminum
Standard Cant Equipment Rails



LS-ESF / LA-ESF
Steel or Aluminum
Self-Flashing Equipment Rails

Louvers



1-BVF
Storm-Resistant
Aluminum Brick Vent



2 SRF
2" Storm-Resistant
Louver with Flange



4DL 33"
Drainable Channel
Frame Louver



4 DLF
Drainable Louver
with Flange



4 DL
Drainable Louver
Channel Frame



LBD
Lloydd Backdraft
Damper

Miscellaneous



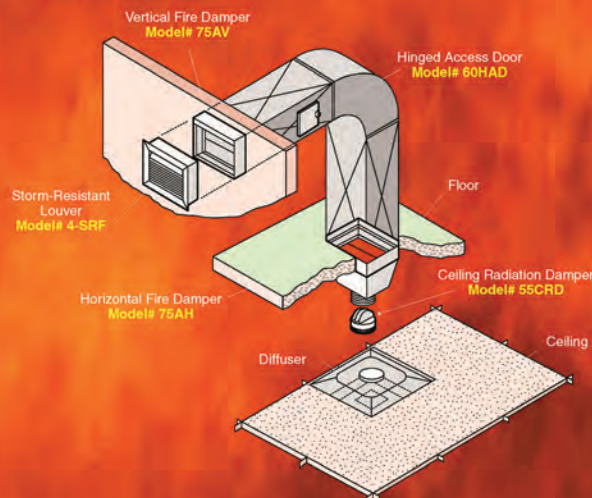
FH 3 and FH 1.5
3" and 1.5" Stud Protectors



SB2
Security Bars

Typical Installation

* Fire damper sleeve also available in standard, flange, oval and rectangular.



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