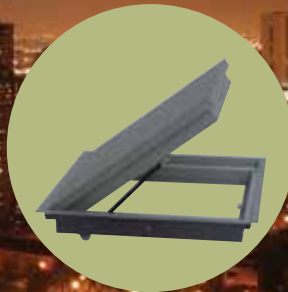
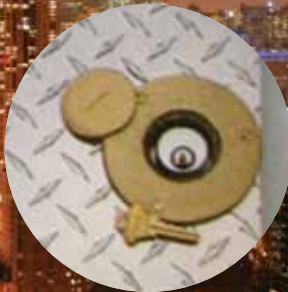
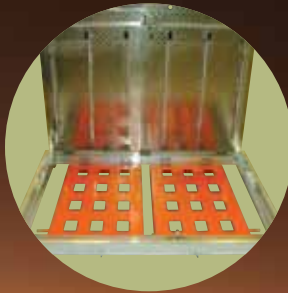
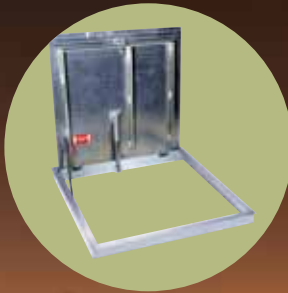
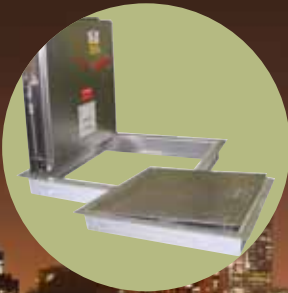


Floor Doors




Babcock-Davis[®]
Always right there.



Babcock-Davis' Floor Door product offering includes a variety of floor vault and sidewalk doors to provide reliable and safe access below ground and between building floors. All Babcock-Davis floor doors have stainless steel hardware.

Delivering the doors you need: Babcock-Davis ... Always right there.



Drainable Series:

Designed with a threaded coupling for water draining purpose. Intended for use in exterior applications or when the presence of liquids or moisture is expected.



Non-Drainable Series: Cast-In

Economical and easy to install, our Cast-In doors are primarily for interior use in new openings, when concrete will be pour-in-place.



Non-Drainable Series: Bolt-In

Economical and easy to install, our Bolt-In doors are primarily for interior use for existing-opening, drop-in installations.



Recessed Series:

Perfect for high visibility interior areas where access through the floor is necessary in pedestrian areas. The recessed aluminum floor doors are intended for infill of 1/8" VCT / carpet.

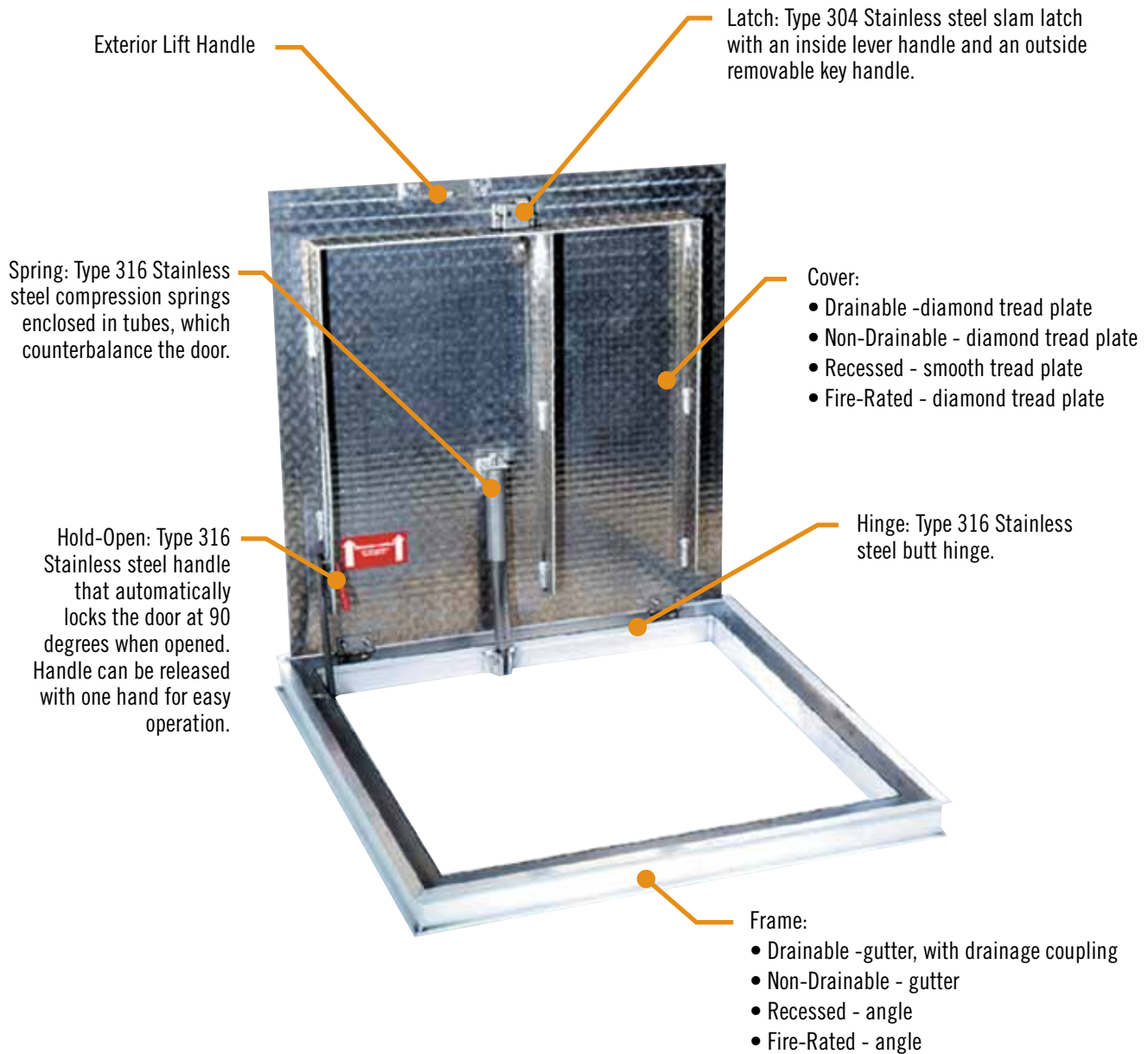


Fire-Rated Series:

Babcock-Davis fire-rated floor doors are engineered to achieve Warnock-Hersey fire-rated status without door pan cement infill – saving labor and material costs as well as maximizing the convenience and ease of use.



Feature Specifications





BFG: Drainable Series

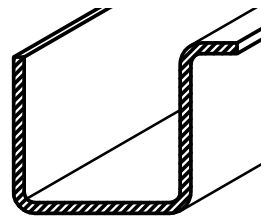
Babcock-Davis Drainable Series Floor Doors are intended for exterior or high moisture areas when liquid flow into the door is a concern.

The frame is constructed with a gutter for water runoff to a drainage system. Our doors come standard with counterbalancing springs and a slam latch for ease of use. All Babcock-Davis floor doors have stainless steel hardware throughout.

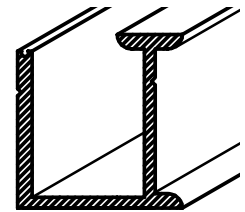
- Door: BFGP 3/16" steel diamond tread plate
BFGA 1/4" aluminum diamond tread plate
- Frame: 1-1/2" drainage coupling for water run-off
BFGP 3/16" structural steel gutter frame
BFGA 1/4" extruded aluminum gutter frame
- Finish: BFGP Prime coat
BFGA Mill finish. Frames provided with protective epoxy coating at areas that contact concrete
- Load Cap: 300 psf Standard Load Capacity
Optional: H-20 load capacity



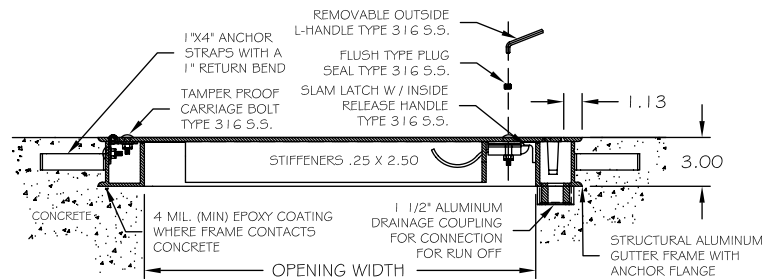
Model shown:
BFGA3636



Steel Gutter Frame



Aluminum Gutter Frame



BFG - Drainable Series Order Guide

Select options from each category to configure your model number. The size chart represents common sizes. Note that we have a wide range of additional standard sizes and offer custom sizes upon request. Contact your Babcock-Davis representative for additional choices.

MATERIAL & FINISH	
A	1/4" Aluminum, mill finish
C	1/4" Aluminum, clear anodized
P	3/16" Steel, prime coat
S	3/16" Type 304 stainless steel (diamond plate)
T	3/16" Type 316 stainless steel (smooth plate)

EXAMPLES OF POPULAR SIZES – CUSTOM SIZES WELCOME			
SINGLE DOOR		DOUBLE DOOR	
24 x 24	30 x 48	48 x 30	48 x 72
24 x 36	36 x 36	48 x 48	60 x 60
30 x 30	36 x 48	48 x 60	72 x 72
30 x 36	42 x 42		

Hinged on the length dimension.

SERIES: **BFG** MATERIAL: WIDTH: X LENGTH: OPTIONS: — GRATING:

OPTIONS	
C	Safety chain
D	Detention lock prep
H	H2O loading
M	Mortise lock prep
P	Padlock hasp thru door
R	Recessed padlock hasp
S	Skirting

Multiple options may be chosen.

GRATING	
SGSD	Safety grating, single door
SGDD	Safety grating, double door

For the latest CAD, BIM, Spec, LEED, and general product information, visit BabcockDavis.com

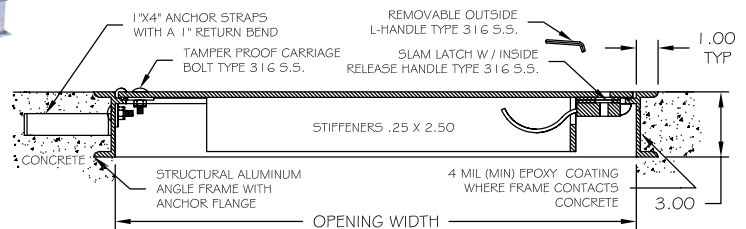
BFH: Non-Drainable Series Cast-In

Babcock-Davis Non-Drainable Cast-In Floor Doors:
Economical and easy to install, our Cast-In doors are primarily for interior use in new openings, when concrete will be pour-in-place.

- Door: BFHA 1/4" aluminum diamond tread plate.
BFHC 1/4" clear anodized aluminum diamond tread plate.
- Frame: 1/4" extruded aluminum frame
- Finish: Mill finish. Frames provided with protective epoxy coating at areas that contact concrete.
- Load Cap: 300 psf Standard Load Capacity
Optional: H-20 load capacity



Model shown:
BFHA3636



BFH - Non-Drainable Series Order Guide

Select options from each category to configure your model number. The size chart represents common sizes. Note that we have a wide range of additional standard sizes and offer custom sizes upon request. Contact your Babcock-Davis representative for additional choices.

MATERIAL & FINISH	
A	1/4" Aluminum, mill finish
C	1/4" Aluminum, clear anodized

EXAMPLES OF POPULAR SIZES – CUSTOM SIZES WELCOME			
SINGLE DOOR		DOUBLE DOOR	
24 x 24	30 x 48	48 x 30	48 x 72
24 x 36	36 x 36	48 x 48	60 x 60
30 x 30	36 x 48	48 x 60	72 x 72
30 x 36	42 x 42		

Hinged on the length dimension.

SERIES **BFH**
MATERIAL
WIDTH X
 LENGTH
OPTIONS –
 GRATING

OPTIONS			
C	Safety chain	P	Padlock hasp thru door
D	Detention lock prep	R	Recessed padlock hasp
H	H20 loading	S	Skirting
M	Mortise lock prep		

GRATING
SGSD Safety grating, single door
SGDD Safety grating, double door

For the latest CAD, BIM, Spec, LEED, and general product information, visit BabcockDavis.com

Multiple options may be chosen.



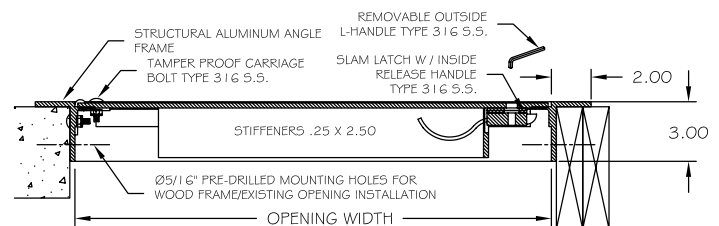
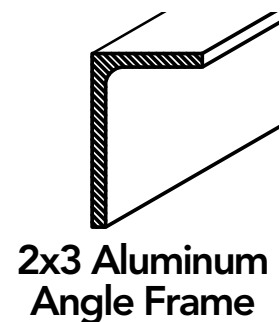
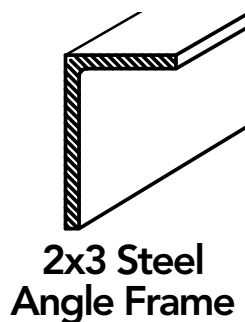
BFH: Non-Drainable Series Bolt-In

Babcock-Davis Non-Drainable Bolt-In Floor Doors: Economical and easy to install, our Bolt-In doors are primarily for interior use for existing-opening, drop-in installations.

- Door:** BFHP 3/16" steel diamond tread plate.
BFHAA 1/4" aluminum diamond tread plate.
- Frame:** BFHP 3/16" structural steel frame
BFHAA 1/4" extruded aluminum frame (2 x 3)
- Finish:** BFHP Prime coat
BFHAA Mill finish. Frames provided with protective epoxy coating at areas that contact concrete.
- Load Cap:** 300 psf Standard Load Capacity
Optional: H-20 load capacity



Model shown:
BFHAA3636W



BFH - Non-Drainable Series Order Guide

Select options from each category to configure your model number. The size chart represents common sizes. Note that we have a wide range of additional standard sizes and offer custom sizes upon request. Contact your Babcock-Davis representative for additional choices.

MATERIAL & FINISH	
AA	1/4" Aluminum angle frame, mill finish
P	3/16" Steel, prime coat

EXAMPLES OF POPULAR SIZES – CUSTOM SIZES WELCOME			
SINGLE DOOR		DOUBLE DOOR	
24 x 24	30 x 48	48 x 30	48 x 72
24 x 36	36 x 36	48 x 48	60 x 60
30 x 30	36 x 48	48 x 60	60 x 48
30 x 36	42 x 42		

Hinged on the length dimension.

SERIES BFH	MATERIAL	WIDTH	X	LENGTH	OPTIONS
-----------------------------	-----------------	--------------	---	---------------	----------------

OPTIONS	
C Safety chain	P Padlock hasp thru door
D Detention lock prep	R Recessed padlock hasp
H H2O loading	S Skirting
M Mortise lock prep	W Drop-in (no anchor straps)

Multiple options may be chosen.

For the latest CAD, BIM, Spec, LEED, and general product information, visit BabcockDavis.com

BFT: Recessed

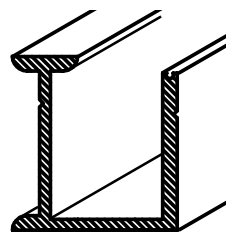
Recessed Series:

Perfect for high visibility interior areas where access through the floor is necessary in pedestrian areas. The recessed aluminum floor doors are intended for infill of 1/8" VCT / carpet.

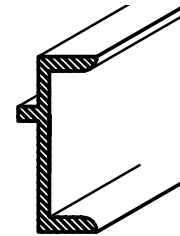
- Door:** BFTP 3/16" steel smooth plate
BFTA 1/4" aluminum smooth plate
- Frame:** BFTP 3/16" structural steel angle frame
BFTA 1/4" extruded aluminum angle frame
- Finish:** BFTP Prime coat.
BFTA Mill finish. Frames provided with protective epoxy coating at areas that contact concrete.
- Load Cap:** 300 psf Standard Load Capacity
Optional: H-20 load capacity



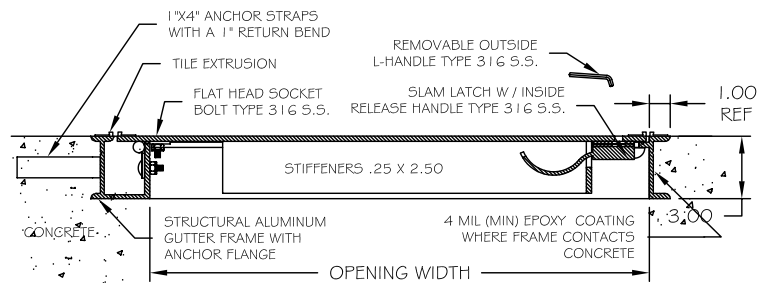
Model shown:
BFTA3636



**Aluminum
Gutter Frame**



**Aluminum
Frame**



BFT - Series Order Guide

Select options from each category to configure your model number. The size chart represents common sizes. Note that we have a wide range of additional standard sizes and offer custom sizes upon request. Contact your Babcock-Davis representative for additional choices.

MATERIAL & FINISH

- A** 1/4" Aluminum, mill finish
- P** 3/16" Steel, prime coat

EXAMPLES OF POPULAR SIZES – CUSTOM SIZES WELCOME

SINGLE DOOR		DOUBLE DOOR	
24 x 24	30 x 48	48 x 30	48 x 72
24 x 36	36 x 36	48 x 48	60 x 60
30 x 30	36 x 48	48 x 60	
30 x 36	42 x 42		

Hinged on the length dimension.

SERIES	MATERIAL	WIDTH	X	LENGTH	OPTIONS
BFT					

OPTIONS

- C** Safety chain
- D** Detention lock prep
- H** H20 loading
- M** Mortise lock prep
- P** Padlock hasp thru door
- R** Recessed padlock hasp
- S** Skirting

Multiple options may be chosen.

For the latest CAD, BIM, Spec, LEED, and general product information, visit BabcockDavis.com

Fire-Rated Series

FIRE RATED NFPA 288



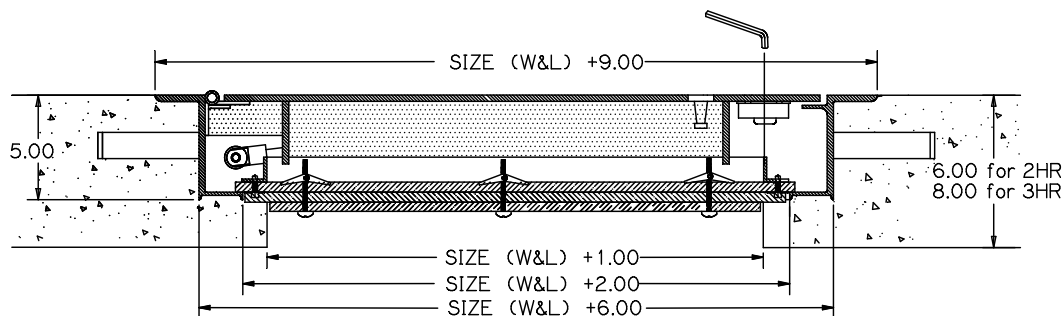
Fire-Rated Series:
Babcock-Davis fire-rated floor doors are engineered to achieve Warnock-Hersey fire-rated status without door pan cement infill – saving labor and material costs as well as maximizing the convenience and ease of use.

Babcock-Davis's F Series fire-rated floor doors are constructed of aluminum giving them superior aesthetics, durability, and corrosion resistance.

The FT recessed floor door accepts 1/8" VCT or carpet for an incredibly subtle appearance.

- Door: BFCRM & BFCCM 1/4" aluminum diamond tread plate
BFTRM 1/4" smooth aluminum tread plate
- Frame: 1/4" extruded aluminum angle frame
- Hinge: Type 316 stainless steel butt hinge
- Spring: Type 316 stainless steel gas springs, which restrains door in 90° open position and allows close by gravity.
- Latch: Type 316 stainless steel 2-point latch with inside pull handle and outside removable L-handle. Optional: 165°F fusible-link self-closing mechanism per NFPA 80.
- Finish: Mill finish. Frames provided with protective epoxy coating at areas that contact concrete.
- Load Cap: 150 psf Standard Load Capacity
- Testing Std: NFPA 288 (formerly referred to as a ASTM E 119) maximum temperature rise to 250°F in 30 min.; 2 or 3-hour rating and NFPA 251 in floor/ceiling assembly. Subjected to hose stream test per NFPA 252, UL10(b), UBC, CAN/ULC-S104, and UB-106.

Model shown:
BFCRM3636-SC



BF - Series Order Guide

Select options from each category to configure your model number. The size chart represents common sizes. Note that we have a wide range of additional standard sizes and offer custom sizes upon request. Contact your Babcock-Davis representative for additional choices.

MATERIAL & FINISH

- C** 1/4" Aluminum, diamond tread, mill finish
- T** 1/4" Aluminum, smooth plate, recessed 1/8", mill finish

FIRE RATING

- RM** 2-hr (requires 6" concrete slab)
- CM** 3-hr (requires 8" concrete slab)

SERIES **BF** **COVER** **FIRE RATING** **WIDTH** X **LENGTH** **OPTIONS**

EXAMPLES OF POPULAR SIZES – CUSTOM SIZES WELCOME

24 x 24	30 x 36	36 x 36	42 x 42	48 x 48
30 x 30	30 x 48	36 x 48	48 x 30	48 x 60*

OPTIONS

- SC** Self closing door @ 165°F

All floor doors are hinged on the length dimension. Single leaf construction only.
*Maximum size for Warnock-Hersey listing tested per NFPA 288.

For the latest CAD, BIM, Spec, LEED, and general product information, visit BabcockDavis.com

SG: Safety Grating Fall Protection



Model shown:
BFGA3636-SGSD



Safety Grating Systems

Fall Protection Safety Grating is now available as a factory-installed option on Babcock-Davis' BFGA drainable series and BFHA non-drainable series floor doors.

BFGA Drainable Series

- 300 psf load, Single door sizes up to 48" x 120", Double door sizes up to 96" x 48"
- H2O load, Single door sizes up to 48" x 72", Double door sizes up to 96" x 48"

BFHA Non-drainable Series

- 300 psf load, Single door sizes up to 48" x 60", Double door sizes up to 96" x 48"

Material & Finish Options



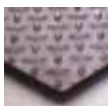
- A Aluminum Type 6061-T6**
 Standard material which is highly resistant to corrosion.



- C Clear Anodized Aluminum Type 6061-T6**
 Greater corrosion resistance with an attractive finished appearance.



- P Prime Painted Steel**
 Economical alternative to aluminum for interior applications. Prime coated with a rust inhibitive for finish painting.



- S Stainless Steel #304**
 Used in applications where certain corrosive chemicals may affect aluminum and steel.



- T Stainless Steel #316**
 Maximum level of corrosion resistance available. The non-skid tape provides a high traction surface.

Additional Options



- H H20 Loading Capacity**
 Intended for infrequent, offstreet locations that occasionally receive H20 wheel-loads.



- P Padlock Hasp Through Door**
 Simple hasp through the door that allows the door to be locked by a padlock.



- R Recessed Padlock Hasp with Hinged Cover**
 In applications where security and traffic are important, this hasp is concealed under a lid that is flush with the door.



- M Mortise Cam Lock**
 A high security option that allows the door to receive a mortise cylinder with an extended cam.



- D Detention Lock**
 Use where maximum security is required. Door is prepared to receive a detention deadbolt lock.

- C Safety Chain**
 Provides basic fall protection.

- S Skirting**
 Matches door depth to thickness of concrete.

- O Odor-Tight Gasket**
 Limits the transmission of odors through the door. Available on BFGA in sizes up to 42" x 42".

SR: Safety Railing Order Guide



Model shown:
SRTG36X36FC

COMMON WIDTH X LENGTH	
30 x 30	36 x 36
36 x 30	48 x 48

Door size = railing size.

SERIES **SR** T G WIDTH X LENGTH F C

Safety Railing Systems

Babcock-Davis safety railing systems comply with guardrail protection for floor openings. These railings are easily mounted to the concrete slab surrounding the door.

- Material: 1 1/4" ID schedule 40 steel pipe
- Finish: Galvanized to ASTM A53
- Pipe Caps: Weather and light resistant vinyl 1 1/2" deep and fit snugly over pipe ends
- Hardware: Hex head bolts 3/8" x 2 1/2" grade Z, zinc plated.
- Chain: 3/16" proof coil ASTM specification, zinc plated with quick links and 2 1/2" zinc plated hoops on each end.



Meets OSHA Standard
CFR 29 1910.23

SN: Safety Netting Order Guide



Model shown:
SNA36X36-R

WIDTH X LENGTH	
30 x 30	36 x 36
36 x 30	48 x 48

Door size = safety net size.

SERIES **SN** A WIDTH X LENGTH - R

Safety Netting Systems

Babcock-Davis safety netting systems are available for floor doors. The Safety Netting system is a retrofit system that comes standard with 3/8" anchor bolts for mounting net into the concrete below floor door into the surrounding floor to meet safety requirements.

- Rail: Extruded Aluminum 6061 T6
- Netting: Polyester, orange in color, breaking strength 5000lbs
- Testing: Meets OSHA 1926.105 Netting test specification and OSHA 1926.502 Drop test specification.

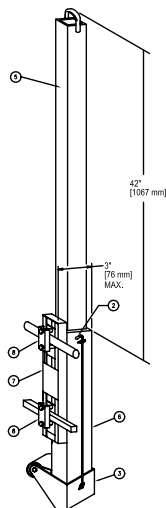
SLP: Safety Ladder Posts Order Guide

MATERIAL & FINISH	
1	Steel, red powder coat
2	Steel, hot dip galvanized
3	Aluminum, mill
4	Stainless steel, mill

SERIES **SLP** - MATERIAL

Safety Ladder Posts

Babcock-Davis safety ladder posts mount to fixed ladders beneath floor doors to comply with OSHA safety standards 1910.27 to meet 200 lb design load for ladder safety devices.



- Lifting handle
- Release assembly with handle
- Extended position locking bracket
- Constant force balancing spring
- Square tubing - 1.5"
- Square tubing - 2"
- Mounting channel - adjustable for ladder rung spacing up to 14" (approx.)
- Clamp brackets with 3/8-16 x 3" long stainless steel bolts. Clamp brackets can be reversed to allow for larger sized ladder rungs from 3/4" to 1-1/4". Larger sized rungs will need longer bolts - NOT supplied.

Catalog Date: 2010.1

Babcock-Davis reserves the right to withdraw products or make product changes to color or design without notice.

Access Doors • Floor Doors Roof Hatches • Smoke Vents



Entrance Flooring Systems Wall Protection • Stair Nosings



Babcock-Davis[®]

Always right there.

9300 73rd Av N • Brooklyn Park, MN 55428

TF 888.412.3726 • FX 888.312.3726 • BabcockDavis.com