



**Nailor**  
Industries Inc.

**ACCESS DOORS**

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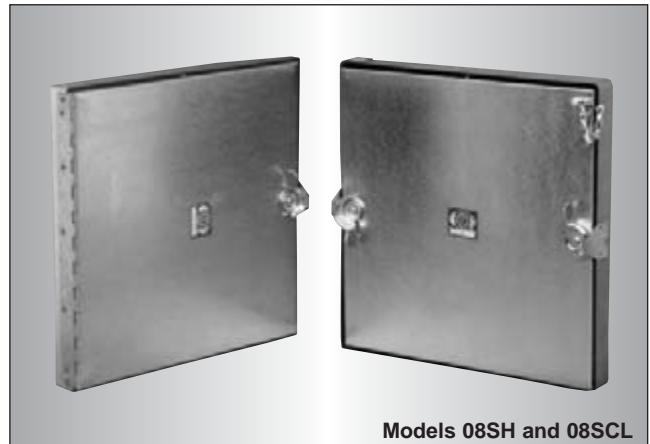
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## GENERAL PRODUCT OVERVIEW

Fire dampers need inspecting and testing, coils need cleaning and controls need adjusting. The Nailor range of duct access doors has been designed to allow easy and convenient access to such equipment within HVAC ductwork, while providing a secure, positive seal when closed. The economical 08SCL and 08SH Models afford quality double skin construction that meets SMACNA requirements, with quick simple installation. The ultra-low leakage 0800 Flat Oval Series provides premium quality that optimizes access area and installs firmly. For round duct applications, the 0890 and 0895 Models provide easy mounting and positive closure. All models are available in a wide variety of sizes to suit each specific application.

### MODELS 08SH AND 08SCL SQUARE OR RECTANGULAR ACCESS DOORS

These economical quality access doors meet SMACNA requirements and provide quick, simple installation wherever duct access is required. Available in 20 sizes to meet all access requirements. Camlock operation for positive seal and easy opening.



Models 08SH and 08SCL



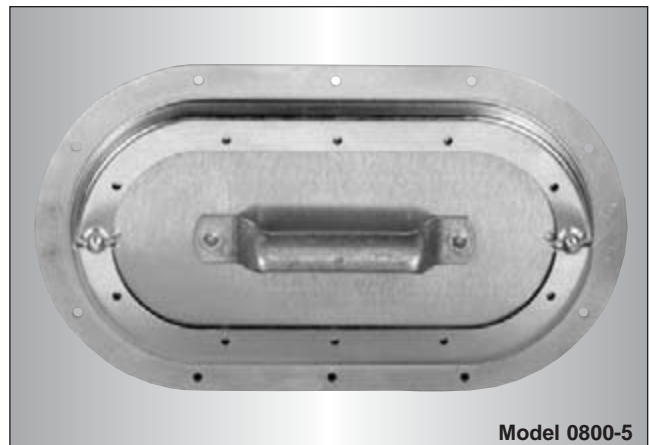
Model Series 0800

### MODELS SERIES 0800 FLAT OVAL ACCESS DOORS

The Nailor 0800 Series Flat Oval duct access doors were developed to provide a premium quality, ultra-low leakage door with optimum ergonomics in mind. The unique oval shape was designed after careful study of the needs of site engineering and maintenance personnel. Each door allows a different degree of access, enabling the most appropriate unit to be specified, depending on duct size and likely maintenance requirements. The 0800 Series is available in two frame styles for use with steel duct: a double flange screw hole mounting type (M1) or a knock-over tab type (M2). Both styles come with a cut-out template which makes the oval shape openings extra easy to cut.

### MODEL 0800-5 POSITIVE PRESSURE TYPE ACCESS DOORS

The Nailor 0800-5 Model Series was designed for use in higher pressure applications where the security of a positive pressure type access door is desired. The design of the 0800-5 is such that as positive static in the duct increases, the force exerted on the door compresses the seal, eliminating any leakage possibilities. Features include rugged die-formed construction, safety handles for assured opening and closing, and wing nut fasteners for secure attachment and alignment.



Model 0800-5

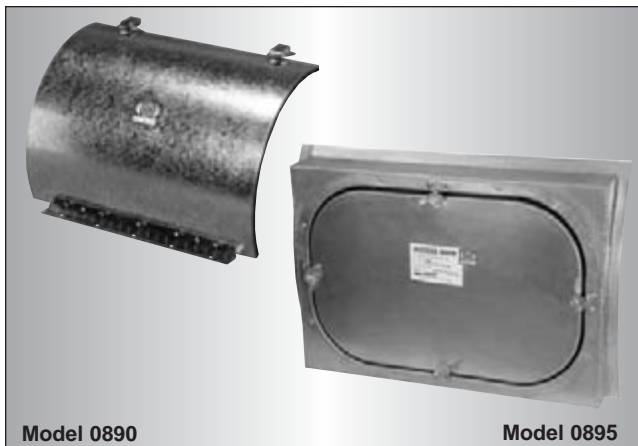
## GENERAL PRODUCT OVERVIEW

### MODEL 0840-6 PLENUM ACCESS DOOR

Nailor Model 0840-6 provides easy access to larger plenums and equipment housings and is suitable for use in high, medium, or low pressure applications. The insulation and positive seal gasketing provide optimum performance. The hinged 25" x 17" (635 x 432) door and die-cast closure handles provide maximum convenience.



Model 0840-6



Model 0890

Model 0895

### MODELS 0890 AND 0895 FOR ROUND DUCT

Nailor Model 0890 is an economical round duct access door, suitable for use in low pressure systems. A continuous piano hinge permits the door to swing open fully, allowing unobstructed access to the duct, while the zinc plated strikes and catches, and polyurethane foam gasketing provide a tight, positive seal. Model 0895 turret style access doors provide heavy duty construction with easy opening, suitable for use in high pressure round duct systems. Features include an all-welded turret box and saddle formed to duct radius, and a high-pressure 0800 Series access door that is caulked and fastened to turret. Zinc plated progressive camlocks and bulb type door gasket provide a secure, tight seal.

### MODEL 0900-1 AND 0900-2 UTILITY ACCESS DOORS

Model 0900-1 fire-rated access door is for use whenever it is necessary to provide service access to utilities located within fire separations such as corridor walls, stairwells and ceilings. The 2" (51) thick insulation which acts as a heat barrier, is also ideal for reducing sound transmission through access opening. The flush key operated latch provides convenient and secure opening and closing. Model 0900-2 is a multi-purpose access door designed to provide convenient access to utilities contained within walls or ceilings. This versatile access door installs flush in drywall, masonry block or tile, and plaster walls and ceilings with a clean unobtrusive finish. Both models are offered in an array of standard sizes, with special sizes available upon request.



Model 0900-1

Model 0900-2

- **SQUARE & RECTANGULAR**
- **MEETS SMACNA STANDARDS**
- **INSULATED**
- **FOR STEEL OR FIBERGLASS DUCT (OPTION)**

## MODELS:

**08SCL REMOVABLE, PAIRED CAMLOCKS**

**08SH HINGED, WITH CAMLOCK CLOSURE**



Model 08SH

Model 08SCL

These economical quality access doors meet SMACNA requirements and provide quick, simple installation wherever duct access is required. Available in 20 sizes to meet all access requirements. Camlock operation for positive seal and easy opening.

Meets SMACNA construction specifications for systems up to 2" w.g. (500 Pa).

## CONSTRUCTION DETAILS:

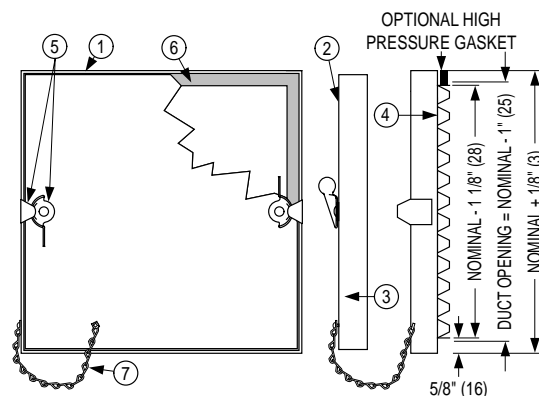
1. Die-formed 22 ga. (0.85) galvanized steel flanged frame for strength.
2. Die-formed double skin 22 ga. (0.85) galvanized door panel for extra strength.
3. 1" (25) insulation.
4. Notched knock-over tabs.
5. Plated steel camlock fasteners.
6. Positive seal polyethylene gasket.
7. Safety retaining chain standard on removable door Model 08SCL.
8. Continuous piano-type hinge standard on Model 08SH.
9. Removable door Model 08SCL is furnished with four camlocks on sizes over 14" (356) in width or height. Hinged door Model 08SH is furnished with two camlocks on sizes over 14" (356) in height.

## OPTIONS:

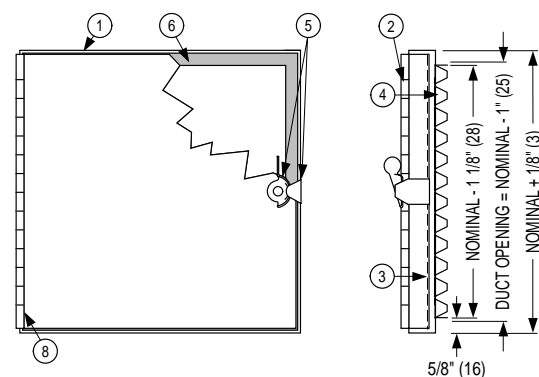
F10 for 1" (25) fiberglass duct.  
F15 for 1 1/2" (32) fiberglass duct.  
HP High Pressure. Adds second gasket on underside of frame for frame to duct seal.  
Manufactured by members of S.M.W.I.A.

## AVAILABLE SIZES (NOMINAL):

6 x 6 (152 x 152)	16 x 14 (406 x 356)
8 x 8 (203 x 203)	16 x 16 (406 x 406)
10 x 8 (254 x 203)	18 x 12 (457 x 304)
10 x 10 (254 x 254)	18 x 14 (457 x 356)
12 x 10 (305 x 254)	18 x 16 (457 x 406)
12 x 12 (305 x 305)	18 x 18 (457 x 457)
14 x 10 (356 x 254)	20 x 16 (508 x 406)
14 x 12 (356 x 305)	20 x 20 (508 x 508)
14 x 14 (356 x 356)	24 x 18 (610 x 457)
16 x 12 (406 x 305)	24 x 24 (610 x 610)

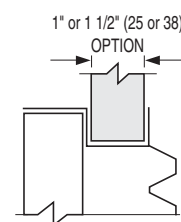


**MODEL 08SCL REMOVABLE DOOR (PAIRED CAMLOCKS)**



**MODEL 08SH HINGED DOOR (WITH CAMLOCK CLOSURE)**

## FIBERGLASS DUCT OPTION



## HOW TO SPECIFY OR TO ORDER

## DUCT ACCESS DOORS

## MODEL SERIES 08SCL / 08SH

## SUGGESTED SPECIFICATION:

Provide and install as shown on plans and/or schedules and at each fire damper location, duct access doors of suitable size as indicated. Frame shall be die-formed of 22 ga. (0.86) galvanized steel complete with notched knock-over tabs for installation. Door shall be die-formed of 22 ga. (0.86) galvanized steel and be of double skin construction with 1" (25) of insulation fully enclosed within. A positive seal, polyethylene gasket shall be secured to each door for low leakage. Door shall meet SMACNA requirements for systems up to 2" w.g. (500 Pa) and be (specifier to select) fully removable and secured with double camlocks and safety chain: Nailor Model 08SCL; or hinged on one side with camlock closure: Nailor Model 08SH.

## HOW TO ORDER:

Order by door size, then list options (if desired).

	OPTION CODE	DESCRIPTION
<b>HIGH PRESSURE GASKETING:</b>	HP	High Pressure Gasket between Frame and Duct
<b>FRAME FOR FIBERGLASS DUCT:</b>	F10	Frame for 1" (25) Fiberglass Duct
	F15	Frame for 1 1/2" (38) Fiberglass Duct



- FLAT OVAL
- PREMIUM PERFORMANCE
- ULTRA-LOW LEAKAGE
- ERGONOMIC SIZING
- INSULATED

**MODEL: 0800**

**MOUNTING TYPES:**

- M1 Double Flange**
- M2 Knock-Over Tabs**

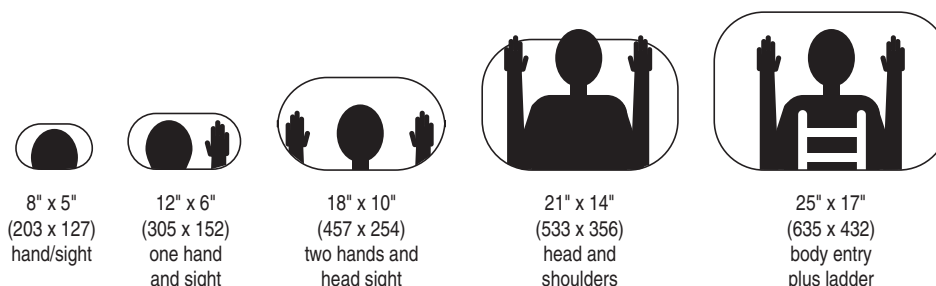


The Nailor 0800 Series Flat Oval Duct Access Doors were developed to provide a premium quality, ultra-low leakage door with optimum ergonomics in mind. The unique oval shape was designed after careful study of the needs of site engineering and maintenance personnel. Each door allows a different degree of access, enabling the most appropriate unit to be specified, depending on duct size and likely maintenance requirements. The 0800 Series is available in two frame styles for use with steel duct: a double flange screwhole mounting type (M1) or a knock-over tab type (M2). Both styles come with a cut-out template which makes the oval shape openings extra easy to cut. The rugged die-formed frame, die-formed double skin door panel with secure continuous bulb seal gasket, and progressive camlock operation make the 0800 Series a solid performer. These doors are continuously batch tested to 8" w.g. (2 kPa) static pressure in order to meet British Standard DW142 Class C for leakage.

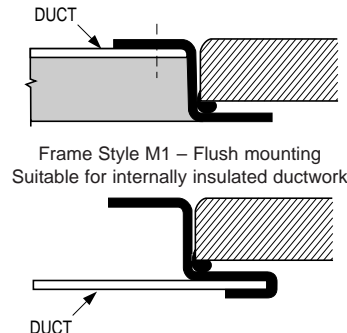
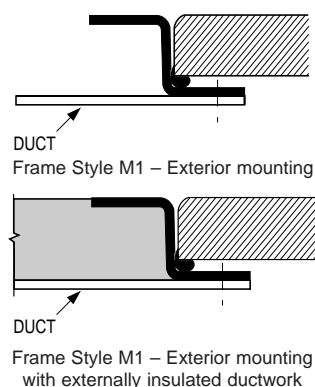
Suitable for use in high, medium and low pressure duct systems

## Ergonomic Sizing Guide

Use the following guide to select appropriate access door size



## Mounting Positions

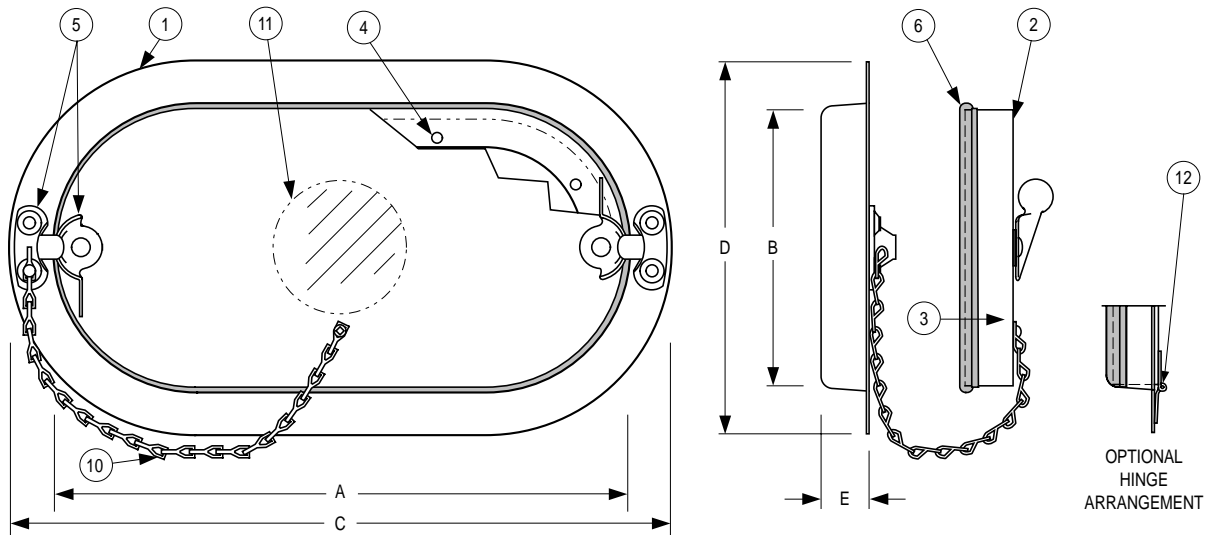


(Available in 8 x 5, 12 x 6, 18 x 10 (203 x 127, 304 x 152, 457 x 254))

## MOUNTING TYPE M1 DOUBLE FLANGE FRAME

**SIZES:** 8 x 5 (203 x 127)  
12 x 6 (304 x 152)  
18 x 10 (457 x 254)

FOR USE IN HIGH, MEDIUM AND LOW PRESSURE DUCT SYSTEMS



### DIMENSIONAL DATA:

NOM. SIZE	A	B	C	D	E	VIEWPORT
8 x 5 (203 x 127)	8 (203)	5 (127)	9 1/2 (241)	6 1/2 (165)	1 1/8 (29)	N/A
12 x 6 (305 x 152)	11 3/4 (298)	5 3/4 (146)	13 3/4 (349)	7 3/4 (197)	1 1/8 (29)	2 3/4 DIA. (70)
18 x 10 (457 x 254)	17 3/4 (451)	9 3/4 (248)	19 3/4 (502)	11 3/4 (298)	1 1/8 (29)	5 1/2 DIA. (140)

**Note:** See Ergonomic Sizing Guide on page I7 for sizing assistance.

### CONSTRUCTION DETAILS:

1. Die-formed 22 ga. (.85) galv. flanged frame for extra strength.
2. Die-formed 22 ga. (.85) galv. door panel for extra strength.
3. 1" (25) insulation with 22 ga. (.85) galv. backing plate.
4. 3/16" (5) dia. pre-punched attachment holes on inner flange for surface mounting.
5. Plated steel camlock fasteners.
6. Positive bulb door seal.
7. Layout template included.
8. Oval shaped opening adaptable to all ducts 5" (127) or over.

### OPTIONS:

9. 3/16" (5) dia. pre-punched attachment holes on outer flange for flush mounting (optional).
10. Safety chain (optional).
11. Viewport (optional; not available on size 8 x 5 (203 x 127)).
12. Hinge arrangement (optional).
13. Pair of additional camlocks (optional).

### LEAKAGE INFORMATION:

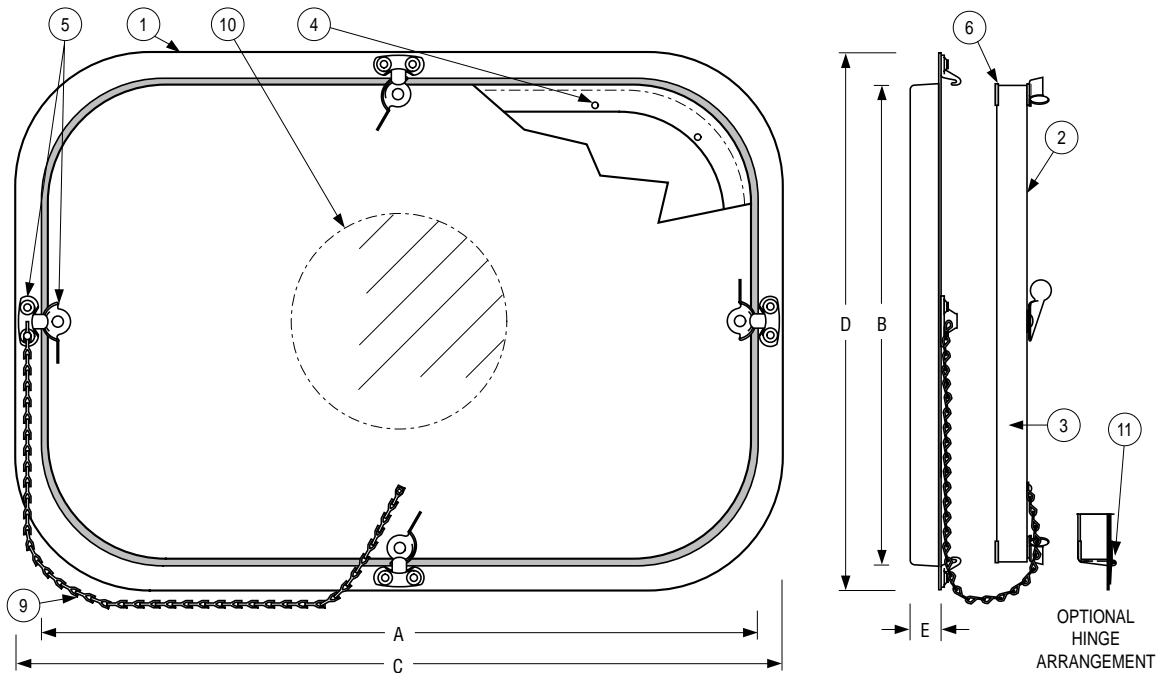
Conforms to British Standard DW142 Class A, B and C.  
Maximum allowable leakage at 8" w.g. (2 kPa):  
8 x 5 (203 x 127): 0.036 cfm (1.02 l/min.)  
12 x 6 (304 x 152): 0.064 cfm (1.8 l/min.)  
18 x 10 (457 x 254): 0.133 cfm (3.78 l/min.)



## MOUNTING TYPE M1 DOUBLE FLANGE FRAME

**SIZES:** 21 x 14 (533 x 356)  
25 x 17 (635 x 432)

FOR USE IN HIGH, MEDIUM AND LOW PRESSURE DUCT SYSTEMS



### DIMENSIONAL DATA:

NOM. SIZE	A	B	C	D	E	VIEWPORT
21 x 14 (533 x 356)	20 3/4 (527)	13 3/4 (349)	22 3/4 (578)	15 3/4 (400)	1 1/8 (29)	5 1/2 dia. (140)
25 x 17 (635 x 432)	24 3/4 (629)	16 3/4 (425)	26 3/4 (679)	18 3/4 (476)	1 1/8 (29)	5 1/2 dia. (140)

**Note:** See Ergonomic Sizing Guide on page I7 for sizing assistance.

### CONSTRUCTION DETAILS:

1. Die-formed 22 ga. (.85) galv. flanged frame for extra strength.
2. Die-formed 22 ga. (.85) galv. door panel for extra strength.
3. 1" (25) insulation with 22 ga. (.85) galvanized backing plate.
4. 3/16" (5) dia. pre-punched attachment holes on inner flange for surface mounting.
5. Plated steel camlock fasteners.
6. Positive seal gasketing.
7. Layout template included.

### OPTIONS:

8. 3/16" (5) dia. pre-punched attachment holes on outer flange for flush mounting (optional).
9. Safety chain (optional).
10. Viewport (optional).
11. Hinge Arrangement (optional).
12. Pair of additional camlocks (optional).

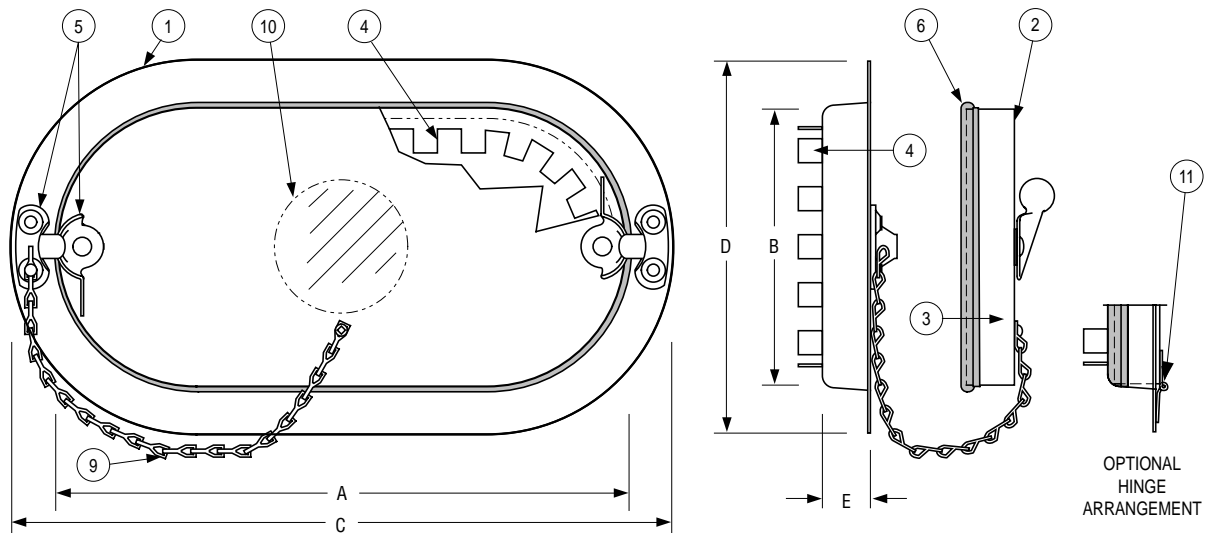
### LEAKAGE INFORMATION:

Conforms to British Standard DW142 Class A, B and C.  
Maximum allowable leakage at 8" w.g. (2 kPa):  
21 x 14 (533 x 356): 0.206 cfm (5.82 l/min.)  
25 x 17 (635 x 432): 0.286 cfm (8.1 l/min.)

## MOUNTING TYPE M2 KNOCK-OVER TABS

**SIZES:** 8 x 5 (203 x 127)  
12 x 6 (304 x 152)  
18 x 10 (457 x 254)

FOR USE IN HIGH, MEDIUM AND LOW PRESSURE DUCT SYSTEMS



### DIMENSIONAL DATA:

NOM. SIZE	A	B	C	D	E	VIEWPORT
8 x 5 (203 x 127)	8 (203)	5 (127)	9 1/2 (241)	6 1/2 (165)	1 1/8 (29)	N/A
12 x 6 (305 x 152)	11 3/4 (298)	5 3/4 (146)	13 3/4 (349)	7 3/4 (197)	1 1/8 (29)	2 3/4 DIA. (70)
18 x 10 (457 x 254)	17 3/4 (451)	9 3/4 (248)	19 3/4 (502)	11 3/4 (298)	1 1/8 (29)	5 1/2 DIA. (140)

**Note:** See Ergonomic Sizing Guide on page I7 for sizing assistance.

### CONSTRUCTION DETAILS:

1. Die-formed 22 ga. (.85) galv. flanged frame for extra strength.
2. Die-formed 22 ga. (.85) galv. door panel for extra strength.
3. 1" (25) insulation with 22 ga. (.85) galv. backing plate.
4. Notched knock-over tabs.
5. Plated steel camlock fasteners.
6. Positive bulb door seal.
7. Layout template included.
8. Oval shaped opening adaptable to all ducts 5" (127) or over.

### OPTIONS:

9. Safety chain (optional).
10. Viewport (optional; not available on size 8 x 5 (203 x 127)).
11. Hinge arrangement (optional).
12. Pair of additional camlocks (optional).

### LEAKAGE INFORMATION:

Conforms to British Standard DW142 Class A, B and C.  
Maximum allowable leakage at 8" w.g. (2 kPa):  
8 x 5: 0.036 cfm (1.02 l/min.)  
12 x 6: 0.064 cfm (1.8 l/min.)  
18 x 10: 0.133 cfm (3.78 l/min.)

## HOW TO SPECIFY OR TO ORDER

### DUCT ACCESS DOORS

#### MODEL SERIES 0800 FLAT OVAL ACCESS DOORS

##### SUGGESTED SPECIFICATION:

Provide and install, as shown on plans and/or schedules and at each fire damper location, Nailor 0800 Series duct access doors of suitable size and mounting style as indicated. Frame shall be of flat oval design, die-formed of minimum 22 ga. (0.85) galvanized steel. Door shall be die-formed of minimum 22 ga. (0.85) galvanized steel and be of double skin construction with 1" (25) of insulation fully enclosed within. Bulb type seal shall be integrally fastened to door for positive seal. Access doors shall meet British Standard DW142 Class C for leakage. Manufacturer shall submit leakage data tested to minimum of 8" w.g. (2 kPa). Standard of Acceptance: Nailor Industries Model 0800.

##### HOW TO ORDER:

Select Model Size and Frame Style then list options (if desired).

	OPTION CODE	DESCRIPTION
<b>MODEL SIZE:</b>	08	8 x 5 (203 x 127)
	12	12 x 6 (305 x 152)
	18	18 x 10 (457 x 254)
	21	21 x 14 (533 x 356)
	25	25 x 17 (635 x 432)
<b>FRAME/MOUNTING STYLE:</b>	M1	Type M1 Double Flange (available on all sizes)
	M2	Type M2 Knock-over Tabs (available only on 8 x 5, 12 x 6, 18 x 10 (203 x 127, 305 x 152, 457 x 254))
<b>INSULATION:</b>	IN	Insulated (Standard)
	UI	Uninsulated
<b>OPTIONS:</b>	HG	Hinge arrangement
	SC	Safety Chain
	VP	Viewport (Not available on 8 x 5 (203 x 127) door)
	CL	Pair of additional camlocks for size 18 x 10 (457 x 254) (for static pressures above 4" w.g./1 kPa).
	PO	Pre-punched holes on outer flange of Type M1 frame

- POSITIVE PRESSURE TYPE DOOR
- ULTRA-LOW LEAKAGE
- ERGONOMIC SIZING
- INSULATED
- FOR STEEL DUCT

MODEL: 0800-5

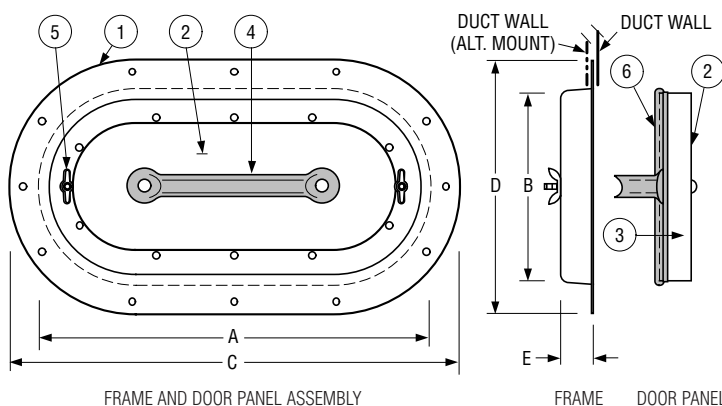


Model 0800-5

The Nailor 0800-5 Model Series was designed for use in higher pressure applications where the security of a positive pressure type access door is desired. The design of the 0800-5 is such that as positive static in the duct increases, the force exerted on the door compresses the seal, eliminating any leakage possibilities. Features include rugged die-formed construction, safety handles for assured opening and closing, and wing nut fasteners for secure attachment and alignment.

FOR USE IN HIGH AND MEDIUM PRESSURE DUCT SYSTEMS

**SIZES:** 8 x 5  
(203 x 127)  
12 x 6  
(304 x 152)  
18 x 10  
(457 x 254)



## DIMENSIONAL DATA:

NOM. SIZE	A	B	C	D	E
8 x 5 (203 x 127)	8 (203)	5 (127)	9 1/2 (241)	6 1/2 (165)	1 1/8 (29)
12 x 6 (305 x 152)	11 3/4 (298)	5 3/4 (146)	13 3/4 (349)	7 3/4 (197)	1 1/8 (29)
18 x 10 (457 x 254)	17 3/4 (451)	9 3/4 (248)	19 3/4 (502)	11 3/4 (298)	1 1/8 (29)

Note: See Ergonomic Sizing Guide on page I7 for sizing assistance.

## CONSTRUCTION DETAILS:

1. Die-formed 22 ga. (.85) galv. flanged frame for extra strength.
2. Die-formed 22 ga. (.85) galv. door panel for extra strength.
3. 1" (25) insulation with 22 ga. (.85) galv. backing plate.
4. Safety handle for easy, controlled opening.
5. Plated steel wing nut fasteners.
6. Positive bulb door seal.
7. Layout template included.
8. Oval shaped opening adaptable to all ducts 7" (178) or over.

## OPTION:

9. Safety Chain (optional).

## LEAKAGE INFORMATION:

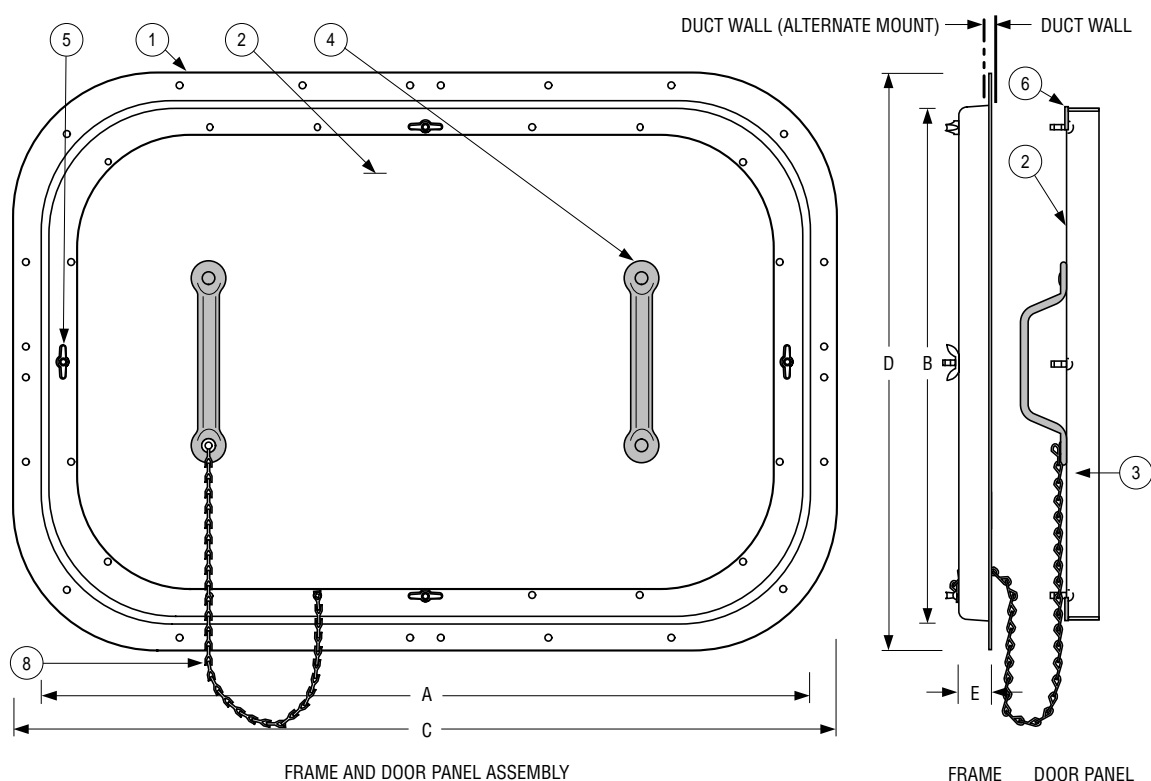
Maximum allowable leakage at 8" w.g. (2 kPa):

8 x 5: 0.036 cfm (1.02 l/min.)  
12 x 6: 0.064 cfm (1.8 l/min.)  
18 x 10: 0.133 cfm (3.78 l/min.)

## MODEL: 0800-5 POSITIVE PRESSURE TYPE DOOR

**SIZES:** 21 x 14 (533 x 356)  
25 x 17 (635 x 432)

FOR USE IN HIGH AND MEDIUM PRESSURE DUCT SYSTEMS



### DIMENSIONAL DATA:

NOM. SIZE	A	B	C	D	E
21 x 14 (533 x 356)	20 3/4 (527)	13 3/4 (349)	22 3/4 (578)	15 3/4 (400)	1 1/8 (29)
25 x 17 (635 x 432)	24 3/4 (629)	16 3/4 (425)	26 3/4 (679)	18 3/4 (476)	1 1/8 (29)

Note: See Ergonomic Sizing Guide on page 17 for sizing assistance.

### CONSTRUCTION DETAILS:

1. Die-formed 22 ga. (.85) galv. flanged frame for extra strength.
2. Die-formed 22 ga. (.85) galv. door panel for extra strength.
3. 1" (25) insulation with 22 ga. (.85) galvanized backing plate.
4. Safety handle for easy, controlled opening.
5. Plated steel wing nut fasteners.
6. Positive door seal is standard.
7. Layout template included.

### OPTION:

8. Safety chain (optional).

### LEAKAGE INFORMATION:

Conforms to British Standard DW142 Class A, B and C.  
Maximum allowable leakage at 8" w.g. (2 kPa):  
21 x 14 (533 x 356): 0.206 cfm (5.82 l/min.)  
25 x 17 (635 x 432): 0.286 cfm (8.1 l/min.)

## HOW TO SPECIFY OR TO ORDER

### DUCT ACCESS DOORS

#### MODEL SERIES 0800-5 POSITIVE PRESSURE ACCESS DOORS

##### SUGGESTED SPECIFICATION:

Provide and install, as shown on plans and/or schedules and at each fire damper location, positive pressure type duct access doors of suitable size as indicated. Frame shall be of oval design, die-formed of minimum 22 ga. (0.85) galvanized steel with 3/16" (5) dia. prepunched mounting holes. Door shall be die-formed of minimum 22 ga. (0.85) galvanized steel and be of double skin construction with 1" (25) of insulation fully enclosed within. Door shall be complete with safety handle on sizes 8" x 5" (203 x 127) thru 18" x 10" (457 x 254), two safety handles on larger sizes, for secure controlled opening. Door shall be secured with plated steel wing nut fasteners, with bulb type seal integrally fastened to door for positive seal. Manufacturer shall submit leakage data tested to minimum of 8" w.g. (2 kPa). Standard of acceptance: Nailor Industries Model 0800-5.

##### HOW TO ORDER:

Order by door size, then list options (if desired).

	OPTION CODE	DESCRIPTION
SIZE:	08	8 x 5 (203 x 157)
	12	12 x 6 (305 x 152)
	18	18 x 10 (457 x 254)
	21	21 x 14 (533 x 356)
	25	25 x 17 (635 x 432)
OPTION:	SC	Safety Chain



- PLENUM ACCESS DOOR
- HINGED
- INSULATED
- ULTRA-LOW LEAKAGE

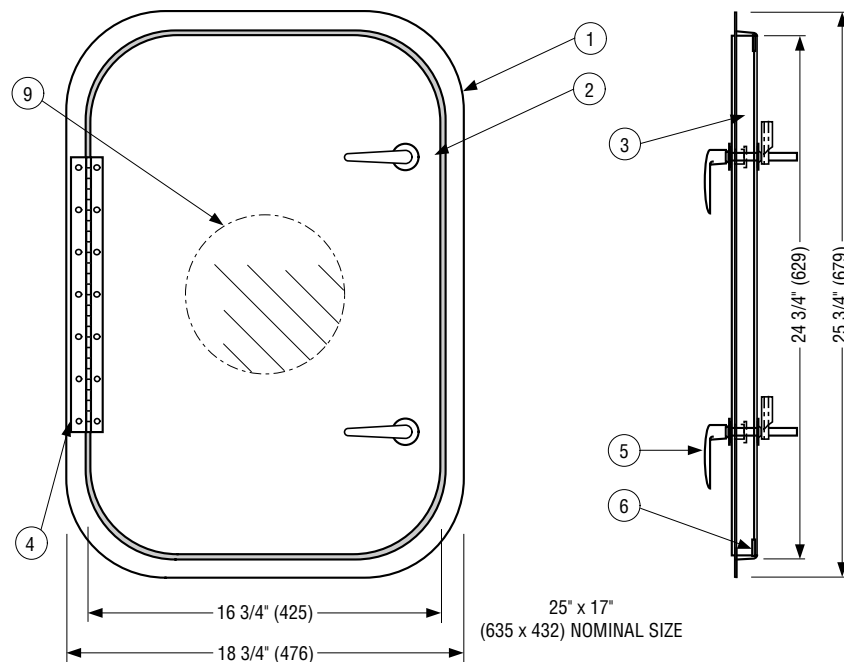
**MODEL: 0840-6**



Model 0840-6

Nailor Model 0840-6 provides easy access to larger plenums and equipment housings and is suitable for use in high, medium, or low pressure applications. The insulation and positive seal gasketing provide optimum performance. The hinged 25" x 17" (635 x 432) door and die-cast closure handles provide maximum convenience.

FOR USE IN HIGH, MEDIUM AND LOW PRESSURE PLENUMS



## CONSTRUCTION DETAILS:

1. Die-formed 22 ga. (.85) galv. flanged frame for extra strength.
2. Die-formed 22 ga. (.85) galv. door panel for extra strength.
3. 1" (25) insulation with 22 ga. (.85) galvanized backing plate.
4. Zinc plated piano hinge.
5. Die-cast closure handles.
6. Positive seal gasketing.
7. Layout template included.
8. 3/16" (5) dia. pre-punched attachment holes on inner flange for surface mounting (standard).

## OPTIONS:

9. Viewport: 5 1/2" (140) dia. (optional).
10. 3/16" (5) dia. pre-punched attachment holes on outer flange for flush mounting (optional).

## LEAKAGE INFORMATION:

Maximum allowable leakage at 8" w.g. (2 kPa):  
0.286 cfm (8.1 l/min.)

**HOW TO SPECIFY OR TO ORDER**

**DUCT ACCESS DOORS**

**MODEL 0840-6    PLENUM ACCESS DOOR**

**SUGGESTED SPECIFICATION:**

Provide and install, as shown on plans and/or schedules, plenum access doors meeting or exceeding the following criteria: Frame shall be of oval design, die-formed of minimum 22 ga. (.85) galvanized steel. Door shall be die-formed of minimum 22 ga. (0.85) galvanized steel and be of double skin construction with 1" (25) of insulation fully enclosed within. Door shall be attached to frame with continuous plated steel piano hinge and shall close securely by means of two die-cast closure handles. Bulb type seal shall be integrally fastened to door for positive seal. Manufacturer shall submit leakage data tested to minimum of 8" w.g. (2 kPa). Standard of acceptance: Nailor Industries Model 0840-6.

**HOW TO ORDER:**

Available in 25 x 17 (635 x 432) size only.  
Order Model 0840-6, then list any options (if desired).

	OPTION CODE	DESCRIPTION
OPTIONS:	VP	Viewport
	PO	Pre-punched holes on outer flange

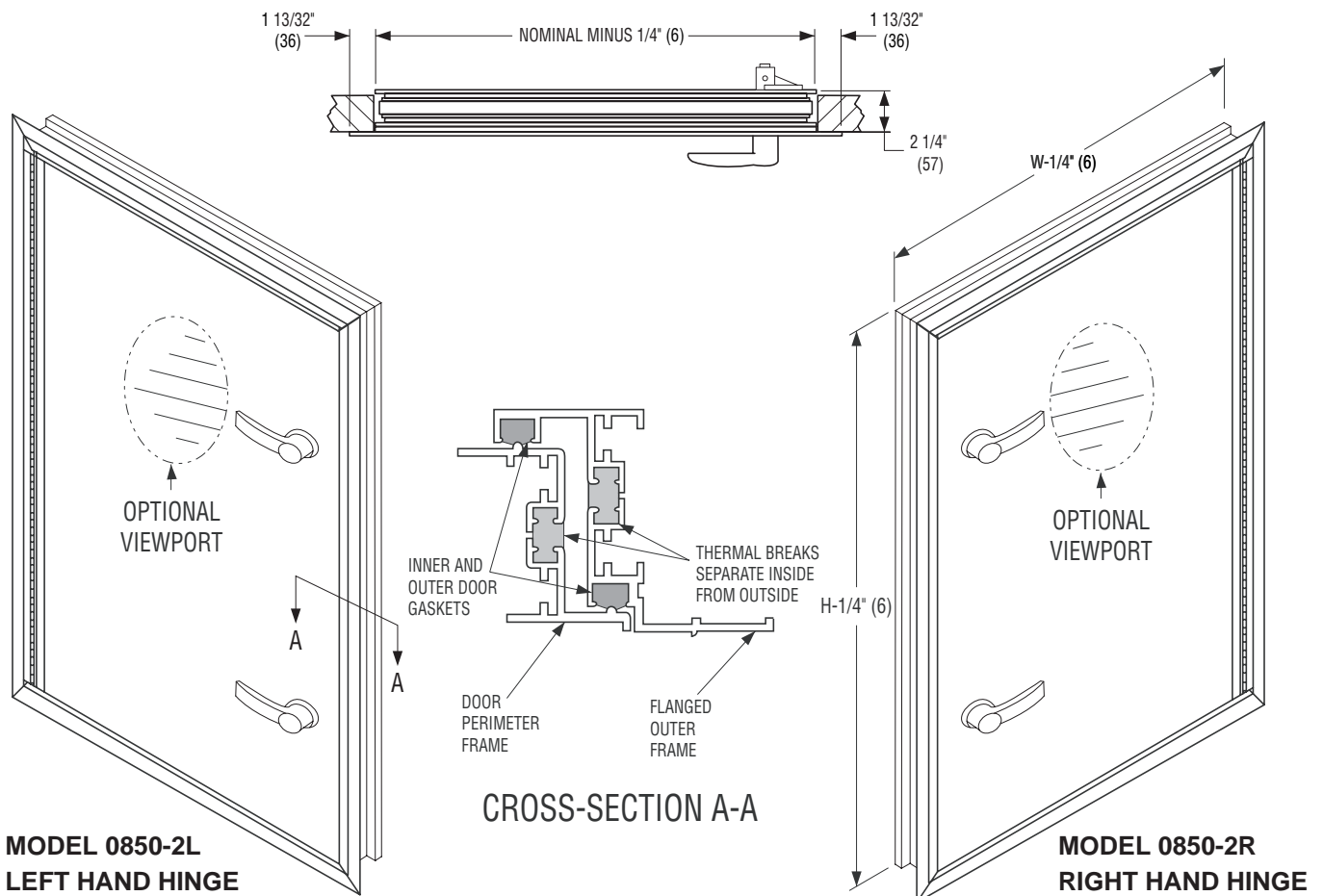
- THERMAL BREAK PLENUM ACCESS DOOR
- OUT-SWING FRAME (NEGATIVE PRESSURE)
- EXTRUDED ALUMINUM FRAMES
- INSULATED STEEL DOOR PANELS
- 2" (51) THICK

**MODELS: 0850-2L  
0850-2R**



Model 0850-2R with optional viewport

Ultra-low leakage, premium quality and performance access door designed for out-swing (negative pressure) applications. Extruded aluminum frames feature attractive mitered corner construction. Thermal break door and frame design utilizes pour-and-debridging technology to achieve levels of thermal isolation unsurpassed by other methods. Double door gaskets assure low levels of leakage. Ergonomic adjustable door latches have cam-locking surfaces for smooth operation and positive seal. All units have full length stainless steel piano type hinges, for left hand or right hand operation. A standard 3 lb. density insulation is used between the 20 ga. (1.0) galvanized steel inner and outer door panels.



HOW TO SPECIFY OR TO ORDER

MODEL 0850-2L & 0850-2R THERMAL BREAK PLENUM ACCESS DOORS •  
OUT-SWING FRAME (NEGATIVE PRESSURE)

SUGGESTED SPECIFICATION:

Provide and install, as shown on plans and/or schedules, thermal break plenum access doors meeting or exceeding the following criteria: Frames shall be extruded aluminum with mitered corner construction. Thermal isolation shall be achieved utilizing pour-and-debridging technology and each door shall be complete with double gaskets for low leakage. Door panels shall be constructed of 20 ga. (1.0) galvanized steel. Insulation between door panels shall be 3 lb. density. Door shall be attached to frame with continuous stainless steel piano type hinge and shall close securely by means of die cast closure handles. Standard of acceptance: Nailor Industries Model 0850-2L (left hand hinge) or Model 0850-2R (right hand hinge). Optional Viewport: Each door shall be equipped with a dual pane hermetically sealed lexan viewport of diameter indicated.

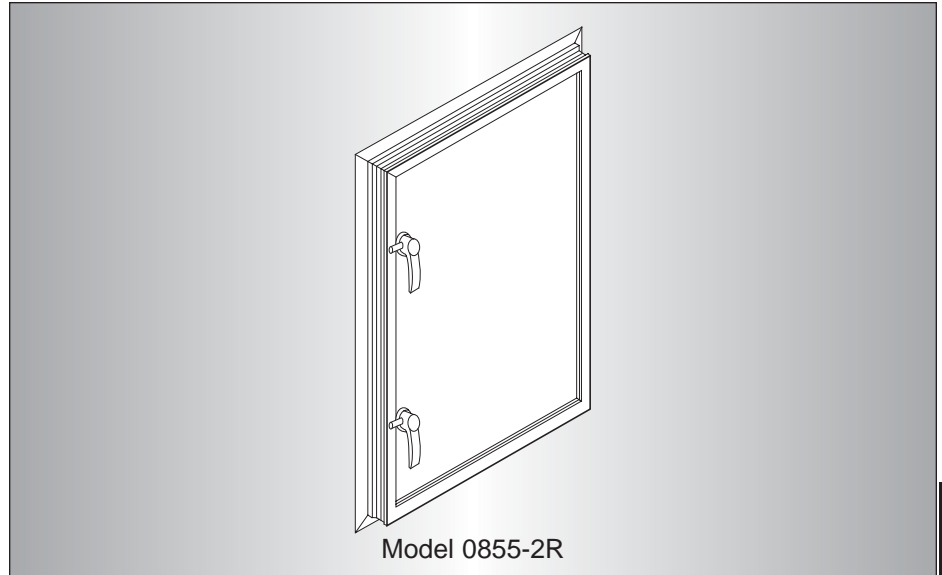
HOW TO ORDER:

Select model with desired hinge orientation and select size. Then select number of door handles.  
List optional viewport if desired.

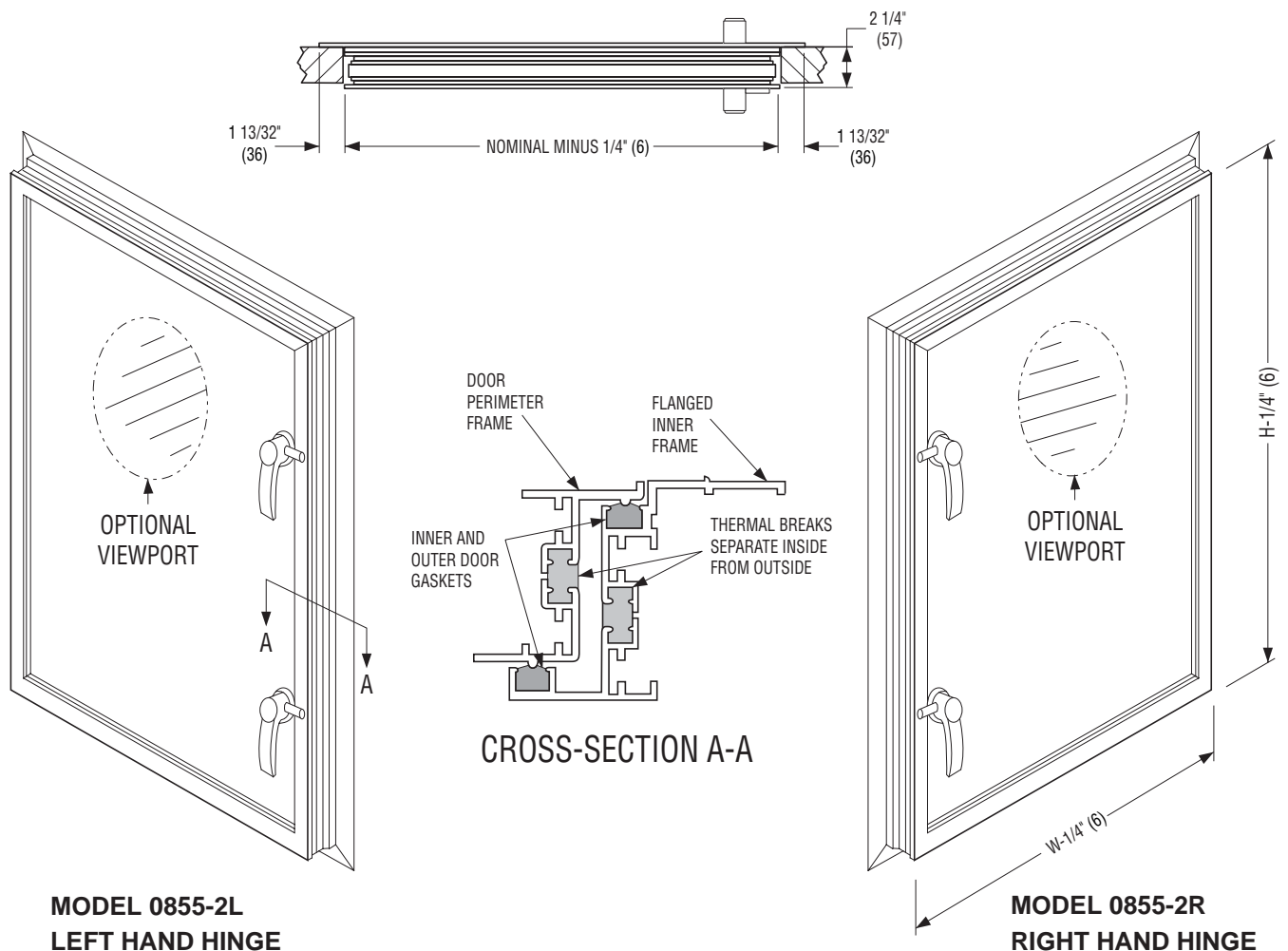
	OPTION CODE	DESCRIPTION
DOOR HANDLES:	DH0	None, prep only
	DH2 (standard)	2 per door (recommended minimum for door heights under 60" [1524]).
	DH3	3 per door (recommended minimum for door heights 60" [1524] thru 80" [2032]).
	DH4	4 per door (recommended minimum for door heights over 80" [2032]).
OPTIONAL VIEWPORTS:	Dual pane, hermetically sealed Lexan view glass window.	
	VP8	8" (203) round (minimum door size is 18" x 18" [457 x 457]).
	VP12	12" (305) round (minimum door size is 24" x 24" [610 x 610]).

- THERMAL BREAK PLENUM ACCESS DOOR
- IN-SWING FRAME (POSITIVE PRESSURE)
- EXTRUDED ALUMINUM FRAMES
- INSULATED STEEL DOOR PANELS
- 2" (51) THICK

**MODELS: 0855-2L  
0855-2R**



Ultra-low leakage, premium quality and performance access door designed for in-swing (positive pressure) applications. Extruded aluminum frames feature attractive mitered corner construction. Thermal break door and frame design utilizes pour-and-debridging technology to achieve levels of thermal isolation unsurpassed by other methods. Double door gaskets assure low levels of leakage. Ergonomic adjustable door latches have cam-locking surfaces for smooth operation and positive seal. All units have full length stainless steel piano type hinges, for left hand or right hand operation. A standard 3 lb. density insulation is used between the 20 ga. (1.0) galvanized steel inner and outer door panels.



HOW TO SPECIFY OR TO ORDER

MODEL 0855-2L & 0855-2R THERMAL BREAK PLENUM ACCESS DOORS •  
IN-SWING FRAME (POSITIVE PRESSURE)

SUGGESTED SPECIFICATION:

Provide and install, as shown on plans and/or schedules, thermal break plenum access doors meeting or exceeding the following criteria: Frames shall be extruded aluminum with mitered corner construction. Thermal isolation shall be achieved utilizing pour-and-debridging technology and each door shall be complete with double gaskets for low leakage. Door panels shall be constructed of 20 ga. (1.0) galvanized steel. Insulation between door panels shall be 3 lb. density. Door shall be attached to frame with continuous stainless steel piano type hinge and shall close securely by means of die cast closure handles. Standard of acceptance: Nailor Industries Model 0855-2L (left hand hinge) or Model 0855-2R (right hand hinge). Optional Viewport: Each door shall be equipped with a dual pane hermetically sealed lexan viewport of diameter indicated.

HOW TO ORDER:

Select model with desired hinge orientation and select size. Then select number of door handles.  
List optional viewport if desired.

	OPTION CODE	DESCRIPTION
DOOR HANDLES:	DH0	None, prep only
	DH2 (standard)	2 per door (recommended minimum for door heights under 60" [1524]).
	DH3	3 per door (recommended minimum for door heights 60" [1524] thru 80" [2032]).
	DH4	4 per door (recommended minimum for door heights over 80" [2032]).
OPTIONAL VIEWPORTS:	Dual pane, hermetically sealed Lexan view glass window.	
	VP8	8" (203) round (minimum door size is 18" x 18" [457 x 457]).
	VP12	12" (305) round (minimum door size is 24" x 24" [610 x 610]).



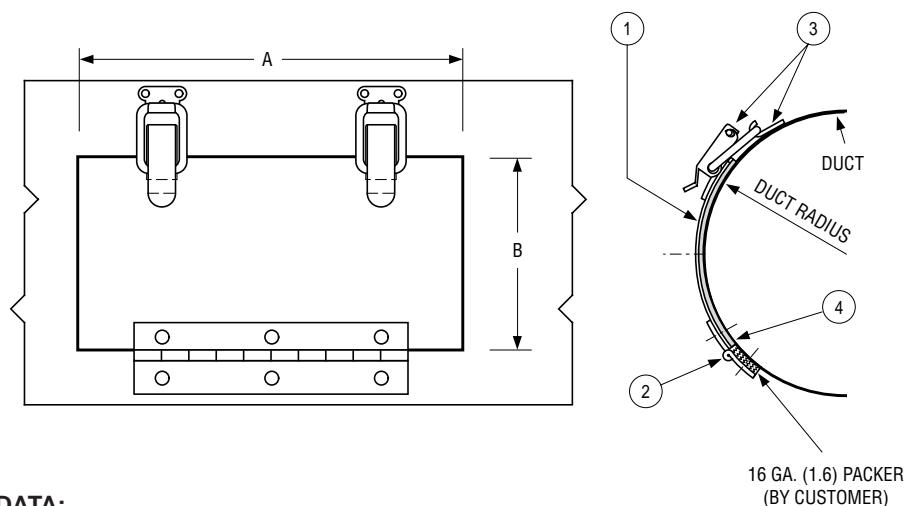
- FOR ROUND DUCT
- FOR LOW PRESSURE SYSTEMS
- HINGED

**MODEL: 0890**



Nailor Model 0890 is an economical round duct access door, suitable for use in low pressure systems. A continuous piano hinge permits the door to swing open fully, allowing unobstructed access to the duct, while the zinc plated strikes and catches, and polyurethane foam gasketing provide a tight, positive seal.

FOR USE IN LOW PRESSURE DUCT SYSTEMS



## DIMENSIONAL DATA:

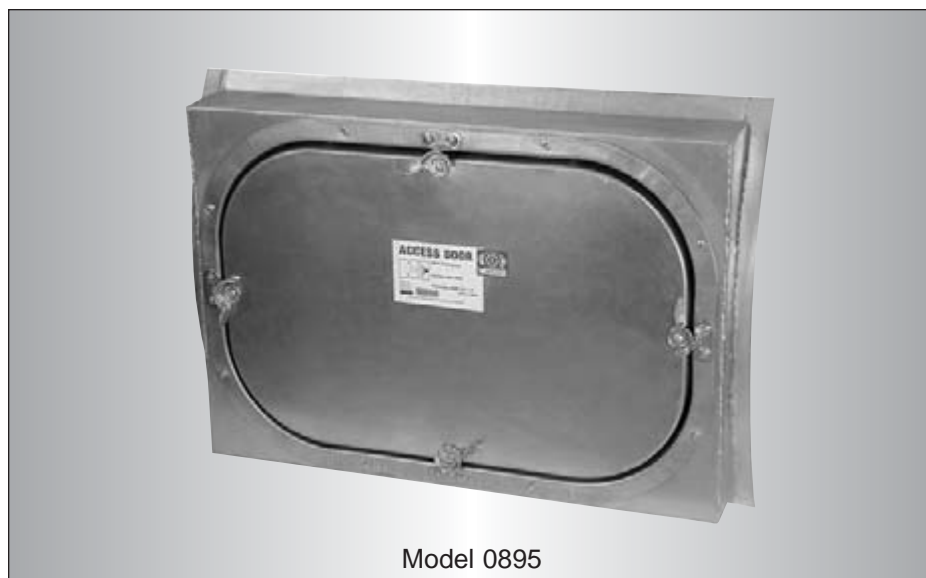
DUCT DIAMETER	DOOR SIZE (A x B)
5 (127)	7 x 4 (178 x 102)
6 (152)	8 x 5 (203 x 127)
7 (178)	9 x 6 (229 x 152)
8 (203)	10 x 7 (254 x 178)
9 (229)	11 x 8 (279 x 203)
10 (254)	12 x 9 (305 x 229)
12 (305)	14 x 10 (356 x 254)
14 (356)	16 x 12 (406 x 305)
16 (406)	16 x 12 (406 x 305)
18 (457)	18 x 14 (457 x 356)
20 (508)	18 x 16 (457 x 406)
24 (610)	18 x 16 (457 x 406)

## CONSTRUCTION DETAILS:

1. Duct access door 16 ga. (1.6) galvanized steel.
2. Door hinge.
3. Strike and catch. Zinc plated steel.
4. Gasket.
5. Other sizes are available; contact factory.

- FOR ROUND DUCT
- FOR HIGH PRESSURE SYSTEMS
- HEAVY DUTY SADDLE AND TURRET

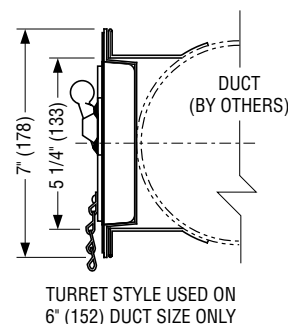
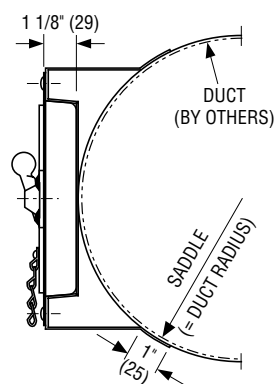
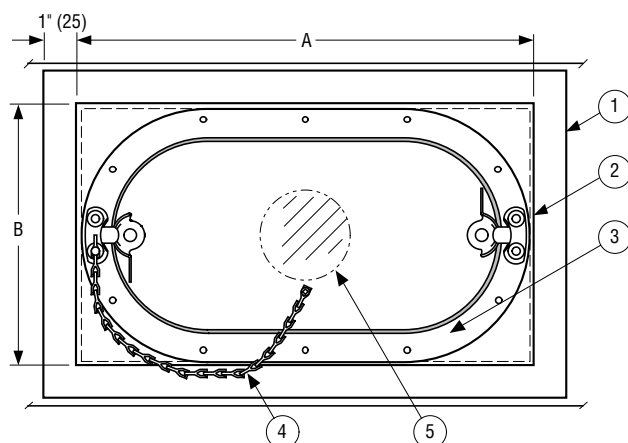
MODEL: 0895



Model 0895

Suitable for use in high pressure round duct systems, Nailor Model 0895 turret style access doors provide heavy duty construction with easy opening. Features include an all-welded turret box and saddle formed to duct radius, and a high-pressure 0800 Series access door that is caulked and fastened to turret. Zinc plated progressive camlocks and bulb type door gasket provide a secure, tight seal.

FOR USE IN HIGH PRESSURE DUCT SYSTEMS



## DIMENSIONAL DATA:

DUCT DIAMETER	NOMINAL DOOR SIZE	TURRET DIMENSIONS (A x B)	OPTIONAL VIEWPORT
6 to 12 (152 to 305)	8 x 5 (203 x 127)	10 x 7 (254 x 178)	N/A
8 to 20 (203 to 508)	12 x 6 (305 x 152)	14 1/4 x 8 1/4 (362 x 209)	2 3/4 DIA. (70)
12 to 24 (305 to 610)	18 x 10 (457 x 254)	20 1/4 x 12 1/4 (514 x 311)	5 1/2 DIA. (140)
16 to 36 (406 to 914)	21 x 14 (533 x 356)	23 1/4 x 16 1/4 (590 x 413)	5 1/2 DIA. (140)
24 to 60 (610 to 1524)	25 x 17 (635 x 432)	27 1/4 x 19 1/4 (692 x 489)	5 1/2 DIA. (140)

## CONSTRUCTION DETAILS:

1. 16 gauge (1.6) galvanized steel saddle formed to duct radius.
2. Turret box welded to saddle.
3. High pressure access door caulked and screwed or riveted to turret.

## OPTIONS:

4. Safety chain (optional).
5. Viewport (optional; not available on size 8 x 5 (203 x 127)).

## LEAKAGE INFORMATION:

Maximum allowable leakage at 8" w.g. (2 kPa):  
 8" x 5" (23 x 127): 0.036 cfm (1.02 l/min.)  
 12" x 6" (304 x 152): 0.064 cfm (1.8 l/min.)  
 18" x 10" (457 x 254): 0.133 cfm (3.78 l/min.)  
 21" x 14" (533 x 356): 0.206 cfm (5.82 l/min.)  
 25" x 17" (635 x 432): 0.286 cfm (8.1 l/min.)

## HOW TO SPECIFY OR TO ORDER

### DUCT ACCESS DOORS

#### MODEL SERIES 0890 LOW PRESSURE ROUND DUCT ACCESS DOORS

##### SUGGESTED SPECIFICATION:

Provide and install, as shown on plans and/or schedules and at each fire damper location, access doors for low pressure round duct work, of suitable size as indicated. Door shall be formed to circumference of duct, from 16 ga. (1.6) galvanized steel, and shall be complete with a continuous piano hinge and zinc plated strikes and catches for secure closing. Door shall be complete with full gasketing to minimize leakage. Standard of acceptance: Nailor Industries Model 0890.

##### HOW TO ORDER:

Order by duct size (diameter).

#### MODEL SERIES 0895 HIGH PRESSURE TURRET ROUND DUCT ACCESS DOORS

##### SUGGESTED SPECIFICATION:

Provide and install, as shown on plans and/or schedules and at each fire damper location, access doors for high pressure round duct work, of suitable size as indicated. Door assembly shall be factory installed and caulked onto a 16 ga. (1.6) galvanized steel welded turret and saddle, formed to match duct circumference. Door frame shall be of oval design, die-formed of minimum 22 ga. (0.85) galvanized steel. Door shall be die-formed of minimum 22 ga. (0.85) galvanized steel and be of double skin construction with 1" (25) of insulation fully enclosed within. Bulb type seal shall be integrally fastened to door for positive seal. Manufacturer shall submit leakage data tested to minimum of 8" w.g. (2 kPa). Standard of acceptance: Nailor Industries Model 0895.

##### HOW TO ORDER:

Order by duct size, and selected door size, then list options (if desired).

	OPTION CODE	DESCRIPTION	
<b>DOOR SIZE:</b>	08	8 x 5 (203 x 127)	Note: Most duct sizes are available with choice of several door sizes. See chart on page I10 for selection.
	12	12 x 6 (304 x 152)	
	18	18 x 10 (457 x 254)	
	21	21 x 14 (533 x 356)	
	25	25 x 17 (635 x 432)	
<b>OPTIONS:</b>	SC	Safety Chain	
	VP	Viewport	

- FIRE RATED ACCESS DOOR
- UL RATED FOR 1 1/2 HOURS – 'B' LABEL
- INSULATED

**MODEL: 0900-1**



1 1/2 HR. 'B' LABEL IN WALLS



2 HR. LABEL IN CEILINGS  
3 HR. LABEL IN WALLS



The Nailor 0900-1 Series is a Fire-Rated access door for use whenever it is necessary to provide service access to utilities located within fire separations such as corridor walls, stairwells and ceilings. The 0900-1 Series meets ANSI-UL 10B standards and is approved by Underwriters Laboratories for 1 1/2 hours, 250°F (121°C) max. temperature rise ('B' label) in walls, and by Warnock Hersey for 2 hours in ceilings and 3 hours in walls, allowing the same door to be used in walls or ceilings. Frame is equipped with pre-punched bolt holes and masonry anchors to facilitate installation in a variety of wall constructions. Door closes flush to frame and is furnished with a self-closing spring mechanism for fail-safe use. The 2" (51) thick insulation which acts as a heat barrier, is also ideal for reducing sound transmission through access opening. The flush key operated latch provides convenient and secure opening and closing.

## STANDARD SIZES:

NOMINAL SIZE		SHIPPING WEIGHT lbs.
inches	mm	
8 x 8	203 x 203	10.0
12 x 12	305 x 305	14.0
16 x 16	406 x 406	16.5
18 x 18	457 x 457	19.0
24 x 24	610 x 610	30.0

## CONSTRUCTION DETAILS:

**Material:** Corrosion-resistant coated steel. 20 ga. (1.0) door and 16 ga. (1.6) frame.

**Finish:** Primed white finish standard.

**Door:** Flush to frame. Self-closing.

**Frame:** 4 piece welded frame with masonry mounting straps.

**Hinge:** Concealed pivot pins.

**Closure**

**Spring:** Heavy duty. An extra spring for ceiling installations is provided with every door. Both springs must be attached to the door to ensure it will close when installed in the ceiling.

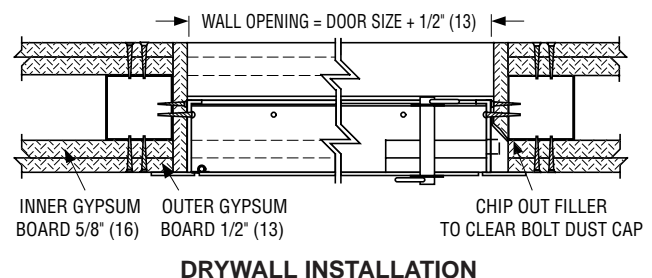
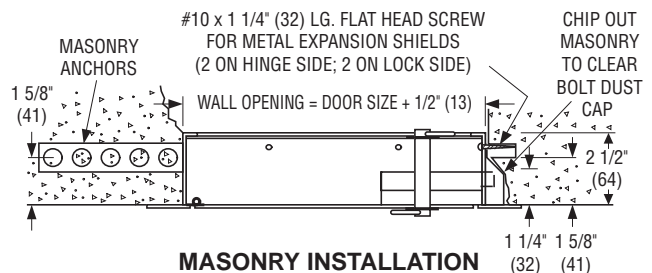
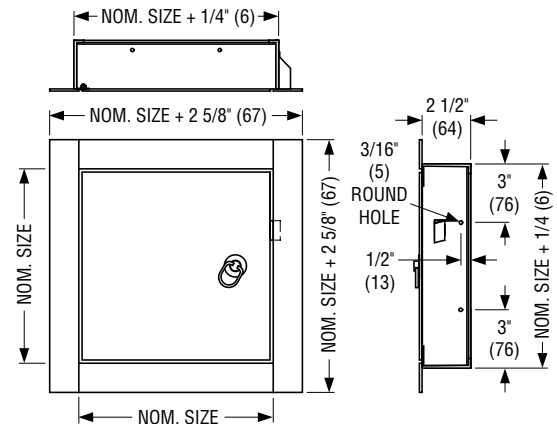
**Latch:** Flush mounted, interchangeable turn ring operator and key operator latch.

**Insulation:** Roxul 1280. 2" (51) thick.

**Packaging:** One door per carton.

## OPTIONS:

- Type 304 Stainless steel construction. # 4 finish.
- Special size.
- Cylinder lock.



- **UNIVERSAL ACCESS DOOR**
- **FOR DRYWALL, MASONRY OR PLASTER WALL & CEILINGS**

**MODEL: 0900-2**



Model 0900-2

The Nailor 0900-2 Series is a multi-purpose access door designed to provide convenient access to utilities contained within walls or ceilings. This versatile access door installs flush in drywall, masonry block or tile, and plaster walls and ceilings with a clean unobtrusive finish. The frame features rounded safety corners, a concealed hinge that allows the rigid formed door to close flush, and prepunched mounting holes for easy installation. A slotted screwdriver type catch is standard, with an optional keyed cylinder lock available. White prime coat provides a smooth finish suitable for painting to match building interior. The 0900-2 Series is offered in an array of standard sizes, with special sizes available upon request.

## STANDARD SIZES:

NOMINAL SIZE		SHIPPING WEIGHT lbs.
inches	mm	
8 x 8	203 x 203	2.8
10 x 10	254 x 254	3.8
12 x 12	305 x 305	5.0
16 x 16	406 x 406	7.9
18 x 18	457 x 457	9.8
24 x 24	610 x 610	15.9

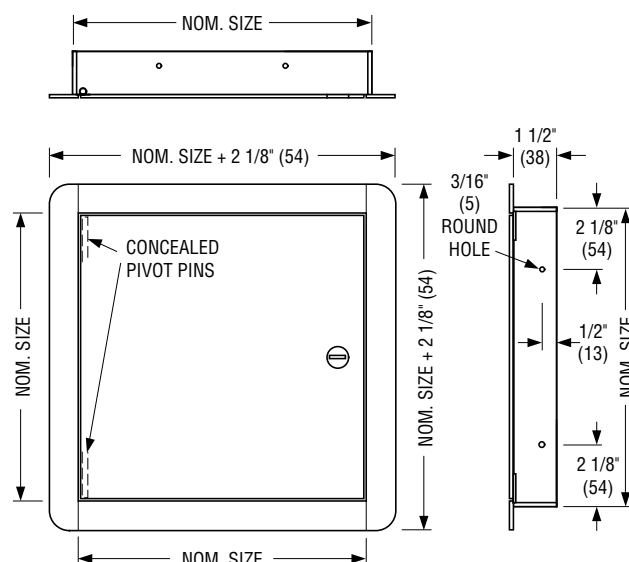
Wall or ceiling opening = Nominal Size + 3/8" (10).

## CONSTRUCTION DETAILS:

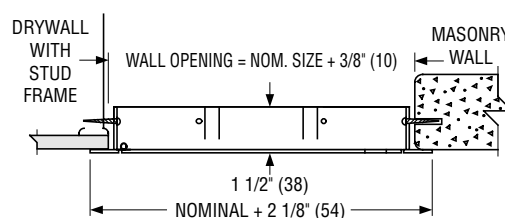
- Material:** Corrosion-resistant coated steel. 14 gauge (2.0) door and 16 gauge (1.6) frame.
- Door:** Flush to frame. Turned back around edges for extra rigidity.
- Frame:** The frame has pre-punched holes for simple installation.
- Finish:** Primed white finish standard.
- Hinge:** Concealed pivot pins.
- Latch:** Flush mounted screwdriver operated cam is standard.

## OPTIONS:

- Type 304 Stainless steel construction. # 4 finish.
- Special size.
- Cylinder lock.



## INSTALLATION DETAILS:



## HOW TO SPECIFY OR TO ORDER

## MODEL SERIES 0900-1 FIRE RATED ACCESS DOOR

## SUGGESTED SPECIFICATION:

Provide and install, as shown on plans and/or schedules, Nailor Industries fire rated access doors of suitable size as indicated. Access doors shall be approved by Underwriters Laboratories for 1 1/2 hours, with 250°F (121°C) max. temperature rise 'B' Label rating in walls. Access doors shall also be approved by Warnock Hersey for 2 hours in ceilings and 3 hours in walls. Frame shall be constructed of 16 ga. (1.6) corrosion resistant steel. Door panel shall be constructed of 20 ga. (1.0) corrosion resistant steel and shall be filled with minimum 2" (51) thick mineral insulation to reduce heat and sound transfer. Door and latch shall be self-closing. Finish shall be prime coat. Standard of acceptance: Nailor Industries Model Series 0900-1.

## HOW TO ORDER:

Order by model number and door size, then list options (if desired).

	OPTION CODE	DESCRIPTION
<b>LOCKABLE LATCH:</b>	KC	Cylinder Lock with Key
<b>MATERIAL:</b>	SS	Stainless Steel Construction
<b>SPECIAL SIZE:</b>	—	Specify special door size

## MODEL SERIES 0900-2 UNIVERSAL ACCESS DOOR

## SUGGESTED SPECIFICATION:

Provide and install, as shown on plans and/or schedules, Nailor Industries universal type access doors of specified size for wall or ceiling mount as indicated. Frame shall be constructed of 16 ga. (1.6) corrosion resistant steel with rounded corners and 3/16" (5) dia. prepunched mounting holes. Door shall be constructed of 16 ga. (1.6) corrosion resistant steel with concealed hinges, and shall close flush with face of frame. Door latch shall be slotted screwdriver operated. Finish shall be prime coat suitable for field painting to match building interior. Standard of acceptance: Nailor Industries Model Series 0900-2.

## HOW TO ORDER:

Order by model number and door size, then list options (if desired).

	OPTION CODE	DESCRIPTION
<b>LOCKABLE LATCH:</b>	KC	Cylinder Lock with Key
<b>MATERIAL:</b>	SS	Stainless Steel Construction
<b>SPECIAL SIZE:</b>	—	Specify special door size

At Nailor Industries, we take pride in our flexibility to meet the needs of your specific applications. The options listed above provide a variety of commonly used modifications to satisfy the majority of today's diverse requirements. Should your application require a more unique configuration, please consult your authorized Nailor Representative or the Nailor Industries office nearest you for assistance.