

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

**MODEL: 0800**

**MOUNTING TYPES:**

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



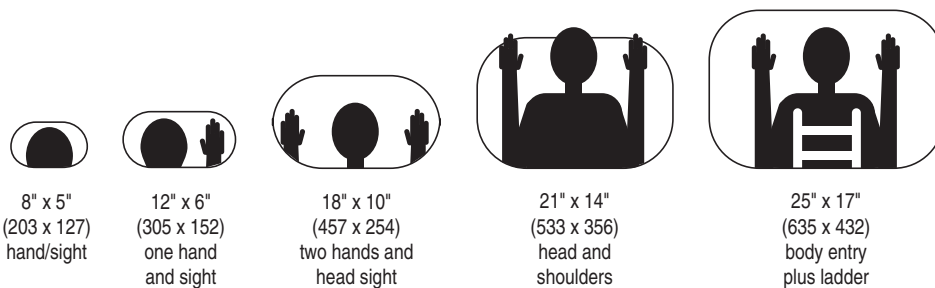
The Nailor 0800 Series Flat Oval Duct Access Doors were developed to provide a premium quality, ultra-low leakage door with optimum ergonomics in mind. The unique oval shape was designed after careful study of the needs of site engineering and maintenance personnel. Each door allows a different degree 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 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. 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.

ACCESS DOORS

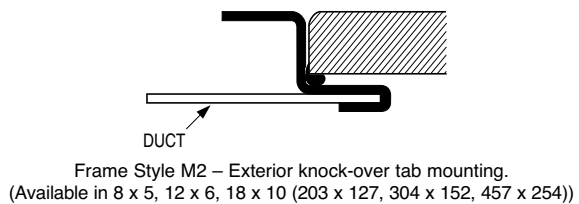
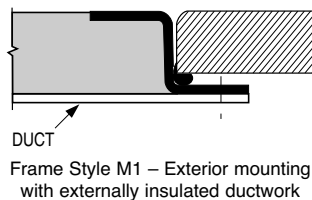
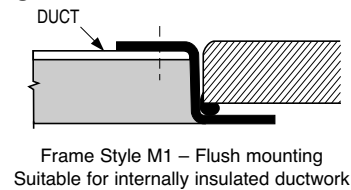
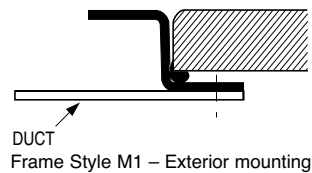
Suitable for use in high, medium and low pressure duct systems

### Ergonomic Sizing Guide

Use the following guide to select appropriate access door size



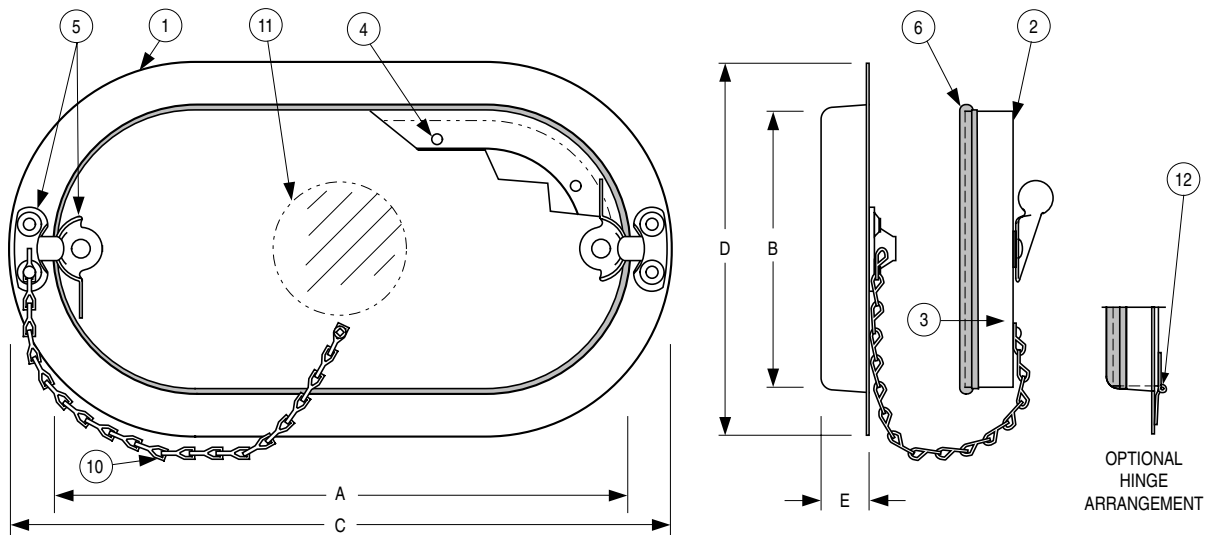
### Mounting Positions



## 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



ACCESS DOORS

### 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:

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

### OPTIONS:

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

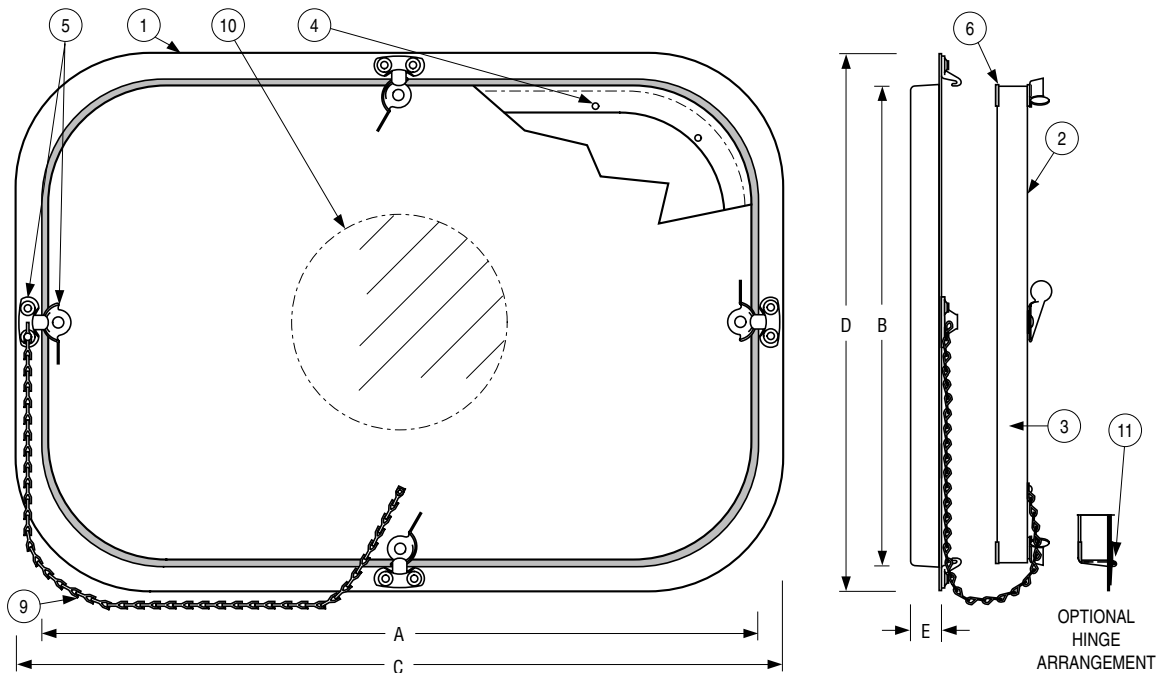
### LEAKAGE INFORMATION:

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).

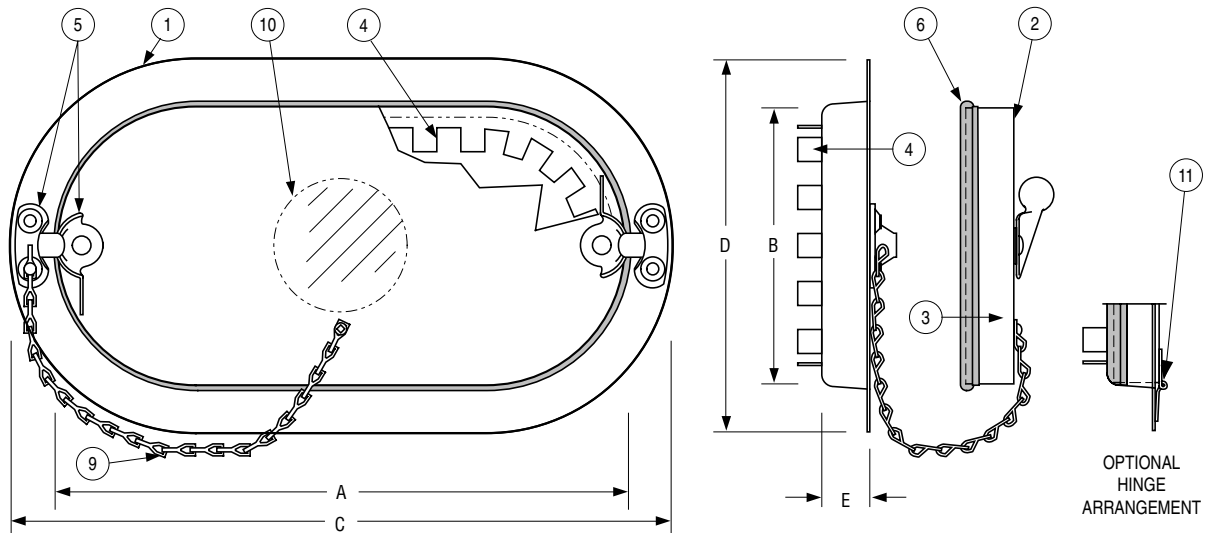
### LEAKAGE INFORMATION:

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