

# MD8600 (Hurricane-Resistant) Concealed Vertical Rod Exit Device for Metal Doors

80 Series



**SARGENT**  
**ASSA ABLOY**

## MD8600 Series Concealed Vertical Rod Exit Device for Metal Doors



### Features

- Designed for standard width stile applications on hollow metal doors
- Concealed rods for security and aesthetics
- Single and double door applications
- Devices are ANSI A156.3 - Grade 1
- UL Fire and Panic listed

### Specifications for MD8600 & NB-MD8600 Series Exit

Door Types	Metal Doors, 1-3/4" (44mm) minimum thickness. For doors over 1-3/4" to 2-1/4" thick, specify thickness and order as 31- Option 4-1/2" (114mm) minimum stile width
Rail sizes as determined by door width	Rails are available in 4 sizes, use door width to determine size needed. Rails will be factory cut to size, if door width is supplied <ul style="list-style-type: none"> <li>• E Rail for 24" to 32" door widths, No cutting required for 32" door</li> <li>• F Rail for 33" to 36" door widths, No cutting required for 36" door</li> <li>• J Rail for 37" to 42" door widths, No cutting required for 42" door</li> <li>• G Rail for 43" to 48" door widths, No cutting required for 48" door</li> </ul>
Strike	650 Top Strike & 606 Bottom Strike (Panic and Fire Rated)
Dogging Feature	Hex key dogging standard on non fired rated devices; specify 16- for cylinder dogging (#41 cylinder supplied)
Electric Options	AL- Alarm PL- SARGuide™ Photoluminescent Coated TL- SARGuide™ Illuminated Touchpad 53- LX Latchbolt Monitor 54- Outside Lever Monitoring 55- Request-to-Exit Signal - Rail Monitoring 56- Remote Latch Retraction 57- Delay Egress & Electromagnets 58- Electric Dogging 59- Electroguard – Self Contained Delayed Egress
Mounting Fasteners	Supplied standard with machine screws
Top Bolt	Stainless steel
Device Centerline from Finished Floor	41" (1041mm) for Standard Applications 38" (965mm) for elementary schools and to meet local accessibility standards when a 100 Series Auxiliary Control is used
Door/Opening Height	<b>Must be specified</b> - 120" (3048mm) Max Door Opening 96" max door height for HC and WS options
Center Case Dimensions	8-3/8" (213mm) x 2-5/8" (67mm)
Projection	Pushbar Neutral – 3" (76mm) Pushbar Depressed – 2-1/8" (54mm)
Fire Exit Hardware	See Chart – Page 3

Note: MD8600 & 12-MD8600 can be used as NB- Device by simply not installing the bottom rod/bolt

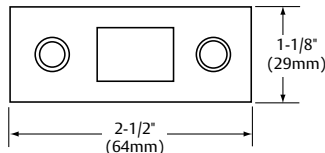
Note: 12-NB Applications require thermal pin. Thermal Pin supplied when ordered as a 12-NB Device

### 100 Series Aux Control

- Available as an 06 or 13 function
- Supplied with a SARGENT #41 Mortise Cylinder
- Can be used with any SARGENT Mortise Key System

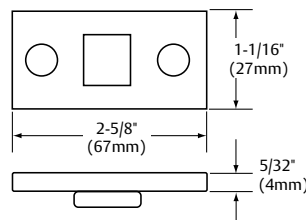


### 650 Top Strike



- For application in hollow metal frames
- Stainless steel nylon coated

### 606 Bottom Strike



- Furnished with expansion shields
- Mortised into floor
- Stainless steel

# MD8600 and NB-MD8600

## Functions and Trims for Metal Doors

### 80 Series



# SARGENT®

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**How to order:** Options 57-NB- Series MD86 Function 13 Rail Lgth F Trim ETL Hand RHR Outside Finish 03 Inside Finish 03 Door Width 36" Door Height 84" AFF 41"

#### 700 Series ET Trim



Exits with ET Trim, specify lever design after the ET designation (e.g., ETL)

SARGENT Function Numbers	ANSI Function Numbers	Description & Cylinder Info (1-3/4" Door)	ANSI Type 8 MD8600 Panic & Fire
06	09	Key unlocks Trim, Trim retracts latch/ Trim relocks when key is removed #41 Cylinder Supplied	MD8606 x ET_
10	01	No outside operation (No Cylinder)*	MD8610
10	02	No outside operation (No Cylinder)* ET Control is used as Pull Only	MD8610 x ET_
13	08	Key Outside Unlocks/locks Trim #41 Cylinder Supplied	MD8613 x ET_
15	14	Passage Only (No cylinder)	MD8615 x ET_
40	02	Freewheeling Trim - No outside Operation (No Cylinder)* Dummy Trim	MD8640 x ET_
43	08	Freewheeling Trim - Key Outside Unlocks/locks Trim #41 Cylinder Supplied	MD8643 x ET_
46	09	Freewheeling Trim - Key unlocks Trim, Trim retracts latch/ Trim relocks when key is removed #41 Cylinder Supplied	MD8646 x ET_
73		Electrified ET Trim - Fail Safe Power Off, Unlocks Lever (No Cylinder)*	MD8673 x ET_
74		Electrified ET Trim - Fail Secure Power Off, Locks Lever (No Cylinder)*	MD8674 x ET_

#### Lever Designs for ET Controls

A, B, E, F, J, L, P, W  
Also available with Coastal Series & Studio Collection Levers

#### ET Designation with Suffix (Used to order ET without device)

MD8600 & NB-MD8600 Series:  
706-4, 710-4, 713-4, 715-4, 740-4, 743-4, 746-4, 773-4, & 774-4

#### Freewheeling Trim

The lever rotates when the door is locked preventing excessive force from being applied to the horizontal lever

#### Electrified ET Trim

Voltage must be specified for the following functions: 73 and 74.  
Specify: 12VDC or 24VDC

**Note:** Exit devices are available in all standard finishes, except 14, 15, 26 & 26D. With these finishes, exit devices are supplied in 32 or 32D to match accordingly. 32 or 32D is automatically supplied when 26 or 26D is specified. For nickel finishes, specify 14/32 or 15/32D to receive nickel finished trims and stainless exit devices  
**Note:** AFF means Above Finished Floor, center line of rail Above Finished Floor  
\* Cylinder Override is available with a 106 Aux Control  
Example Order: MD8673F 12V x ETMG x 106 x RHR x 32D x 36" w x 84" h

#### 100 Series Auxiliary Control\* & 862 Pull



SARGENT Function Numbers	ANSI Function Numbers	Description & Cylinder Info (1-3/4" Door)	MD8600 Panic & Fire
06	12	Key unlocks Turn, Turn retracts latch/ Turn relocks when key is removed #41 Cylinder Supplied	MD8610 x 106
10	02	862 Pull Only (Optional Pulls: 863 & 864)	MD8610 x 862 Pull
13	11	Key Outside Unlocks/locks Turn #41 Cylinder Supplied	MD8610 x 113

**Note:** When ordering MD8600/NB-MD8600 Series Exit Device x 100 Series Aux. Control, specify 10 Function for the exit.  
Example: MD8610F x 106 x RHR x 32D x 42" x 90"

\* **Note:** Exit Devices must be mounted 38" AFF when used with a 100 Series Auxiliary Controls to meet ICC/ANSI A117.1-2003 Accessible & Usable Buildings and Facilities Code

#### Options

MD8600
<b>Mechanical Options:</b>
12-
16-
19-
31-
36-
37-
43-
53-
54-
55-
56-
56-HK-
57-
58-
59-
BC-59-
76-
85-
86-
87-
AL-
BT-
CPC-
HC-
LD-
NB-
PL-
* 5G-
TL-
WS-
<b>Cylinder Options:</b>
10-
10-21-
10-63-
11-
11-21-
11-60-
11-63-
11-64-
11-70-7P-
11-72-7P-
11-73-7P-
11-65-73-7P-
21-
22-
51-
52-
60-
63-
64-
70-
72-
73-
65-73-
65-73-7P-
73-7P-
81-
82-
F1-82-
83-
F1-83-
84-
BR-
LC-
SC-
SE-

\* Only available with 15, 26D and 32D finishes

#### Available Finishes

SARGENT Finishes	BHMA Finishes
03	605
04	606
09	611
10	612
10B	613
10BE	613E
10BL	614
14	618
15	619
20D	624
26	625
26D	626
32	629
32D	630

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