WD8600 and NB-WD8600 Concealed Vertical Rod Exit Device for Wood Doors

80 Series

SARGENT®
ASSA ABLOY



WD8600 Series

Concealed Vertical Rod Exit Device for Wood Doors

Features

- Designed for standard width stile applications on wood doors
- Concealed rods offer security
- Single and double door applications
- Specify NB- for less bottom rod
- Devices are ANSI/BHMA A156.3 - Grade 1
- UL10C (Fire) and UL305 (Panic) listed

Specifications for WD8600 & NB-WD8600 Series Exit

Door Type	Wood Doors
Door Thickness	1-3/4" (44mm) minimum thickness. For doors over 1-3/4" to 2-1/4" thick, specify thickness and order as 31-
Stile	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 • E Rail for 24" to 32" door widths, No cutting required for 32" door • F Rail for 33" to 36" door widths, No cutting required for 36" door • J Rail for 37" to 42" door widths, No cutting required for 42" door • G Rail for 43" to 48" door widths, No cutting required for 48" door
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 wood screws
Top Bolt	Stainless steel
Device Centerline from Finished Floor	41" (1041mm) for Standard Applications 38" (965mm) for elementary schools
Door/Opening Height	**Must be specified** - 108" (2743mm) Max Door Opening - Fire rated doors 120" (3048mm) Max Door Opening - Non-fire rated doors
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 6

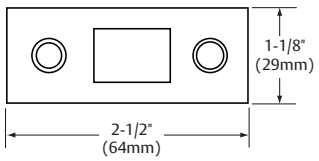
Note: WD8600 & 12-WD8600 can be used as NB- Device by simply not installing the bottom rod/bolt
Note: 12-NB applications require thermal pin. Thermal pin supplied when ordered as a 12-NB device

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

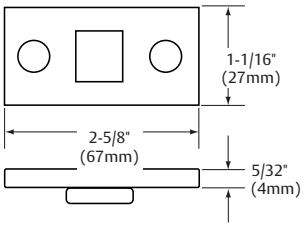


650 Top Strike



- For application in hollow metal frames
- Stainless steel

606 Bottom Strike



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

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WD8600 and NB-WD8600 Functions and Trims for Wood Doors

80 Series

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How to order:	Options	Series	Function	Rail Lgth	Trim	Hand	Outside Finish	Inside Finish	Door Width	Door Height	AFF
	58-NB-	WD86	13	F	ETL	RHR	26D	32D	36"	84"	41"

700 Series ET Trim



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

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

SARGENT Function Numbers	ANSI Function Numbers	Description & Cylinder Info (1-3/4" Door)	ANSI Type 7 WD8600 Panic & Fire
06	09	Key unlocks Trim, Trim retracts latch/ Trim relocks when key is removed #41 Cylinder Supplied	WD8606 x ET_
10	01	No outside operation (No Cylinder)*	WD8610
10	02	No outside operation (No Cylinder)* ET Control is used as Pull Only	WD8610 x ET_
13	08	Key Outside Unlocks/locks Trim #41 Cylinder Supplied	WD8613 x ET_
15	14	Passage Only (No cylinder)	WD8615 x ET_
40	02	Freewheeling Trim - No outside operation (No Cylinder)* Dummy Trim	WD8640 x ET_
43	08	Freewheeling Trim - Key Outside Unlocks/locks Trim #41 Cylinder Supplied	WD8643 x ET_
46	09	Freewheeling Trim - Key unlocks Trim, Trim retracts latch/ Trim relocks when key is removed #41 Cylinder Supplied	WD8646 x ET_
73		Electrified ET Trim - Fail Safe Power Off, Unlocks Lever (No Cylinder)*	WD8673 x ET_
74		Electrified ET Trim - Fail Secure Power Off, Locks Lever (No Cylinder)*	WD8674 x ET_

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: WD8673F 12V x ETMG x 106 x RHR x 32D x 36"w x 84"h

100 Series Auxiliary Control* & 862 Pull



100 Series Aux. Control



862 Pull

SARGENT Function Numbers	ANSI Function Numbers	Description & Cylinder Info (1-3/4" Door)	WD8600 Panic & Fire
06	12	Key unlocks Turn, Turn retracts latch/ Turn relocks when key is removed #41 Cylinder Supplied	WD8610 x 106
10	02	862 Pull Only (Optional Pulls: 863 & 864)	WD8610 x 862 Pull
13	11	Key Outside Unlocks/locks Turn #41 Cylinder Supplied	WD8610 x 113

Note: When ordering WD8600/NB-WD8600 Series Exit Device x 100 Series Aux. Control, specify 10 Function for the exit.
Example: WD8610F x 106 x RHR x 32D x 42" x 90"

Options

WD8600

Mechanical Options:
12-
16-
19-
31-
36-
37-
43-
53-
54-
55-
56-
56-HK-
57-
58-
59-
5CH-
BC-59-
76-
85-
86-
87-
AL-
BT-
CPC-
LD-
NB-
PL-
* SG-
TL-

Cylinder Options:
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
BSP	—
WSP	

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