

**SARGENT®**  
ASSA ABLOY

PRODUCT CATALOG

# 90 Series Exit Device



Experience a safer  
and more open world

# Table of Contents

UL Fire Door Ratings .....	3
Features & Applications .....	4
9800 Series Rim Exit Device .....	5
9800 Functions and Trims .....	6
9898 Reversible Rim Exit and Trim for the 9898 Rim Exit Device .....	7
9700 Series Surface Vertical Rod Exit Device .....	8
9700 Functions and Trims .....	9
9900 Series Mortise Lock Exit Device .....	10
9900 Functions and Trims .....	11
9400 Series Narrow Stile Concealed Vertical Rod Exit Device .....	12
ET Trim & Levers and Pulls .....	13
Studio Collection Levers .....	14-15
Thumb Piece Pulls .....	16
Electromechanical Functions and Accessories .....	17
Mullions: Aluminum, Steel and Electrified .....	18
Split Mullions .....	19
Mullion Accessories, Stabilizers and Door Coordinators .....	20
Mechanical Options and Descriptions .....	21
Cylinder Options and Descriptions .....	22-23
Kits .....	24
Finishes and Finish Care .....	25
How to Order .....	26
Ordering Gramercy Series Levers .....	27
Architectural Specifications .....	28

## MICROSHIELD®

ASSA ABLOY Group companies offer MicroShield®, an anti-microbial coating for door hardware. MicroShield uses proven silver ion-based technology from Agion®, a leading provider of antimicrobial solutions, to stem the spread of bacteria and other microbes.

MicroShield® is a trademark of ASSA ABLOY Access and Egress Hardware Group, Inc.

## MICROSHIELD® COATING

- Revolutionary finish coating available on all SARGENT product lines, utilizes a silver-based antimicrobial compound from Agion Technologies
- As an integral part of the finish coating, MicroShield lasts for the life of the hardware
- MicroShield coating permanently suppresses the growth of bacteria, algae, fungus, mold and mildew. It is effective against a broad spectrum of bacteria.
- Non-toxic and completely safe. The Agion antimicrobial compound is EPA and NSF approved and FDA listed for use in medical and food preparation equipment.
- Applications: Anywhere there is need for a clean environment (hospitals, laboratories, schools, medical centers, daycare, food processing etc.)



The Agion antimicrobial is not intended as a substitute for good hygiene. Coated products must still be cleaned to ensure the surfaces will be free of destructive microbes. ASSA ABLOY makes no representations or warranties, express or implied, as to the efficacy of the Agion antimicrobial. A copy of the Agion warranty is available upon request. Agion is a registered trademark of Agion Technologies, Inc., Wakefield, MA, USA.

## ECOFLEX®



- Reduces energy consumption up to 95% for exit trim, as certified by Green Circle, which lowers operating costs; assists with load reduction in optimizing energy performance credit in LEED, and reduces the number of power supplies required.
- Field configurable to fail-safe or fail-secure, and operates from 12-24VDC, offering greater flexibility in system design.
- Innovative actuator design provides superior reliability through higher performance and reduced maintenance; the ability to have longer cable runs without negatively impacting lock function. It reduces the risk of voltage drops and eliminates inductive kickback, and lowers the total cost of ownership.

## WARNING

This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov).

## UL Fire Door Ratings

● = Available

Application	Type Of Device	Series Device	Maximum Door Opening	UL Fire Door Rating				
				(A) 3 Hour	(B) 1-1/2 Hour	(C) 3/4 Hour	(D) 1-1/2 Hour	(E) 3/4 Hour
Single Doors	Mortise	12-9900	4'0" X 10'0" (1219 X 3048)	●	●	●	●	●
	Rim	12-9800 **	4'0" X 8'0" (1219 X 2438)	●	●	●	●	●
	Concealed	12-9400	4'0" x 7'2" (1219 X 2184)	●	●	●	●	●
Pair of Doors Swinging in the same direction	Mortise and Surface Vertical Rod	12-9900 X 12-9700	8'0" X 8'0" (2438 X 2438)	●	●	●	●	●
	Two Rim With Mullion (12-980 available)	12-9800 X 12-9800	8'0" X 8'0" (2438 X 2438)	●	●	●	●	●
	*Two Surface Vertical Rod No astragal No coordinator	12-9700 X 12-9700	8'0" X 8'0" (2438 X 2438)		●	●	●	●
	Two Concealed Vertical Rod No overlapping astragal	12-9400 X 12-9400	8'0" x 7'2" (2438 X 2184)		●	●	●	●
Double Egress Pair of Doors Swinging in opposite directions	*Two Surface Vertical Rod	12-9700 X 12-9700	8'0" X 8'0" (2438 X 2438)	●	●	●	●	●
	*Two Concealed Vertical Rod	12-9400	8'0" x 7'2" (2438 X 2184)	●	●	●	●	●

\* Limited for Fire Doors listed by UL for this use. NFPA requires an astragal on 3 hour applications

\*\* 75 and 76 functions are not available with 12- fire rated 9800 devices

Vertical rod applications will not work with astragal

**Note:** Please contact door manufacturer for specifications regarding fire door construction

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Sargent Manufacturing Company makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

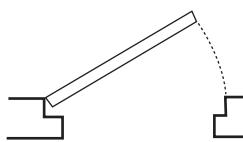
# Features & Applications

## FEATURES

- Full line of exit devices offering a selection of both wide and narrow stile exit devices, including concealed and surface vertical rods, rim and mortise
- Maximum 4" (102mm); projection, minimum 2-7/8" (74mm) depressed.
- All SARGENT exit devices can be masterkeyed or grand masterkeyed with any other SARGENT product
- All crossbar assemblies are brass, bronze, stainless steel, or steel (see specific device)
- Stainless steel springs throughout
- Trim is through-bolted
- UL Listed
- UL Listed to Canadian safety standards
- All fire exit hardware for hollow metal door applications listed up to 3 hours (A label) (Double doors require astragal)
- All fire exit hardware for wood door applications listed up to 1-1/2 hour (B label) except where noted
- ADA Compliant

## APPLICATIONS

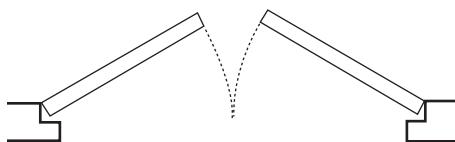
### Single Door



#### Rim Type 9800

Surface application.

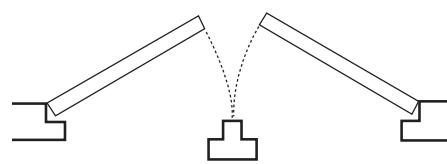
### Pairs of Doors without Mullion



#### Surface Vertical Rod Type 9700 or Concealed Vertical Rod Type 9400 - 2 Each

2 point locking both doors. Each door active.  
Do not use an overlapping astragal.

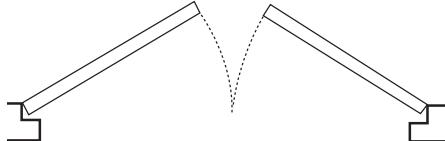
### Pairs of Doors with 980 Mullion



#### Rim Type 9800 - 2 Each 980 Mullion - 1 Each

Two independent active doors with full double door opening when required.

### Pairs of Doors without Mullion



#### Surface Vertical Rod Type 9700 - 1 Each Rim Type 9800 - 1 Each

Both devices are surface applied.  
A coordinator is recommended.

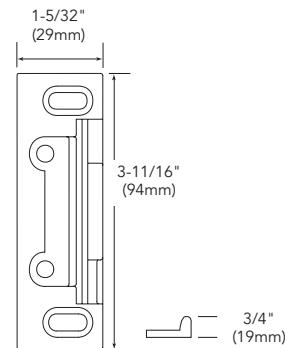
## 9800 Series Wide Stile Rim Exit Device



## SPECIFICATIONS

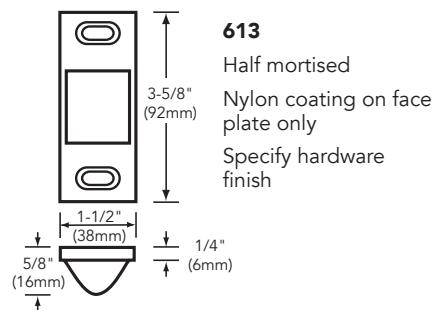
<b>For Doors</b>	Wood or metal. 1-3/4" (44.5mm) thick standard. 2-1/4" (57mm) thick on order. Other door thickness, consult factory. 4-1/8" (105mm) minimum stile
<b>Mounting</b>	Supplied standard with wood and machine screws. Through-bolts available on order.
<b>Chassis Cover</b>	Brass, bronze or stainless steel
<b>Chassis</b>	Nonferrous alloy
<b>Crossbar</b>	1" brass, bronze and stainless steel tubing. Specify 42- for reinforced cross bar.
<b>Hand</b>	Non Handed; Field reversible. With 12- Fire Rated Option Handed; please specify hand when ordering
<b>Dogging</b>	Standard Allen key dogging (Not available on fire rated devices)
<b>Strike</b>	649 standard strike for panic and fire
<b>Fire Exit Hardware</b>	See chart page 3
<b>Certification/Compliance</b>	ANSI/BHMA156.3 - 2014 Grade 1
<b>ANSI</b>	ADA Compliant

## 649 STRIKE

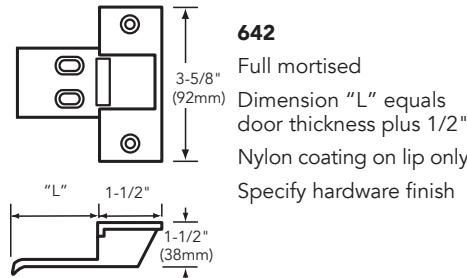


- For 9800 and 12-9800
- Supplied standard
- Surface applied
- Black nylon coated

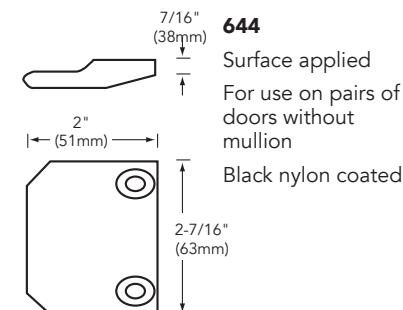
## ALTERNATE STRIKES

**613**

Half mortised  
Nylon coating on face  
plate only  
Specify hardware  
finish

**642**

Full mortised  
Dimension "L" equals  
door thickness plus 1/2"  
Nylon coating on lip only  
Specify hardware finish

**644**

Surface applied  
For use on pairs of  
doors without  
mullion  
Black nylon coated

## 9800 Functions and Trim

## How to order:

Options	Series	Function	Trim	Hand	O/S Finish	I/S Finish	Door Width
10-SG-	98	13	ETL	RHR	26D	32D	36"

## 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

**Note:** Voltage must be  
specified for 73, 74, 75 & 76  
function ET trims (12v or 24v)

SARGENT Function Numbers	ANSI Function Numbers	Description & Cylinder Info (1-3/4" Door)	ANSI Type 1 9800 Panic & Fire
04	03	Night Latch Key Retracts Latch #34 Cylinder Supplied	9804 x ET_
10	01	No outside Operation (No Cylinder)	9810
10	02	No outside Operation (No Cylinder) ET Control is used as Pull Only	9810 x ET_
13	08	Key Outside Unlocks/locks Trim #41 Cylinder Supplied	9813 x ET_
15	14	Passage Only (No cylinder)	9815 x ET_
73		Electrified ET Trim - Fail Safe Power Off, Unlocks Lever (No Cylinder)	9873 x ET_
74		Electrified ET Trim - Fail Secure Power Off, Locks Lever (No Cylinder)	9874 x ET_
75++		Electrified ET Trim - Fail Safe Power Off, Unlocks Lever, Key Retracts Latch #34 Cylinder Supplied NOT available with 12-9800 devices	9875 x ET_
76**		Electrified ET Trim - Fail Secure Power Off, Locks Lever, Key Retracts Latch #34 Cylinder Supplied NOT available with 12-9800 devices	9876 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. For nickel finishes, specify 14/32 or 15/32D to receive nickel finished trims and stainless exit devices

## Options

9800
<b>Mechanical Options:</b>
12-
31-
36-
37-
42-
54-
76-
85-
86-
87-
CPC-
*** SG-
TB-
<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-
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	BFMA 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	628
32D	630
BSP	—
WSP	—

Pull & Thumb Piece Trim Section			Trim Designations						
SARGENT Function Numbers	ANSI Function Numbers	Description & Cylinder Info. (1-3/4" Door)							Series
04	03	Night Latch Key Retracts Latch #34 Cylinder Supplied	814-FLL	814-FLW	814-MAL	814-PTB	814-STS	862 Pull	9804 x Trim Designation
10	02	No O/S Operation or Cylinder (Pull Only)	810-FLL	810-FLW	810-MAL	810-PTB	810-STS	862 Pull	9810 x Trim Designation
28	15	Passage Only (No cylinder)	828-FLL	828-FLW	828-MAL	828-PTB	828-STS	N/A	9828 x Trim Designation
63	05	Key Outside Unlocks/locks Trim #34 Cylinder Supplied	866-FLL	866-FLW	866-MAL	866-PTB	866-STS	N/A	9863 x Trim Designation

**Note:** Thumb piece trims for 63 and 66 function devices are identical and are identified as 66 function when trim is ordered separately  
**Note:** Pulls and thumb piece trims are not available in 14, 15, 26 or 26D

## 9898 Reversible Rim Exit and Trim



## SPECIFICATIONS

<b>For Doors</b>	Wood or metal. 1-3/4" (44.5mm) thick standard. 2-1/4" (57mm) thick on order. Other door thickness, consult factory. 4-1/8" (105mm) minimum stile
<b>Mounting</b>	Supplied standard with wood and machine screws. Through-bolts available on order
<b>Chassis Cover</b>	Brass, bronze or stainless steel
<b>Chassis</b>	Nonferrous alloy
<b>Crossbar</b>	1" brass, bronze and stainless steel tubing. Specify 42- for reinforced cross bar.
<b>Hand</b>	Non-handed; field reversible
<b>Dogging</b>	Standard Allen key dogging (Not available on fire rated devices)
<b>Strike</b>	649 Strike
<b>Fire Exit Hardware</b>	Not available

## Available trim designs &amp; functions to be used with any 9898 device

- All trims are non-handed for 9898 devices

## Options

9898

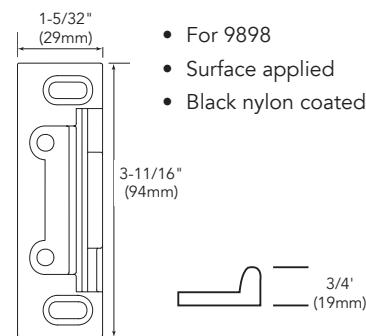
**Mechanical Options:**  
12-  
85-

## Cylinder Options:

10-  
11-  
11-60-  
11-63-  
11-64-  
21-  
60-  
63-  
64-  
81-  
82-  
F1-82-  
83-  
F1-83-  
84-  
BR-  
CPC-  
SG-\*\*\*

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

## 649 STRIKE



- For 9898
- Surface applied
- Black nylon coated

Functions	ANSI	Descriptions	Product Designation							
			814-FLL x Finish	814-FLW x Finish	814-MAL x Finish	814-PTB x Finish	814-STS x Finish	828-FLL x Finish	828-FLW x Finish	828-MAL x Finish
04	03	Key Retracts Latch #34 Cylinder Required & Supplied	814-FLL x Finish	814-FLW x Finish	814-MAL x Finish	814-PTB x Finish	814-STS x Finish			
10	02	No O/S Operation or Cylinder (Pull Only)	810-FLL x Finish	810-FLW x Finish	810-MAL x Finish	810-PTB x Finish	810-STS x Finish			
10	01	No O/S Operation or Cylinder (Exit Only)	N/A	N/A	N/A	802-PTB x Finish	N/A			
28	15	Passage Only (No cylinder)	828-FLL x Finish	828-FLW x Finish	828-MAL x Finish	828-PTB x Finish	828-STS x Finish			
63	05	Key Outside Unlocks/Locks Thumb Piece # 34 Cylinder Required & Supplied	866-FLL x Finish	866-FLW x Finish	866-MAL x Finish	866-PTB x Finish	866-STS x Finish			

**Note:** Thumb piece trims for 63 and 66 function devices are identical and are identified as 66 function when trim is ordered separately

**Note:** Pulls and thumb piece trims are not available in 14, 15, 26 or 26D

## How to order:

Options	Series	Function	Trim	Hand	O/S Finish	I/S Finish	Door Width
10-SG-	99	13	ETL	RHR	26	32	36"

Experience a safer  
and more open world

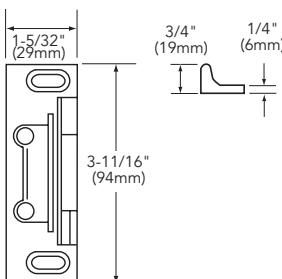
1-800-727-5477 • [www.sargentlock.com](http://www.sargentlock.com)

## SPECIFICATIONS

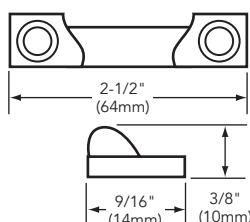
<b>Applications</b>	Single and double door
<b>For Doors</b>	Wood or metal. 1-3/4" (44.5mm) thick standard. 2-1/4" (57mm) thick on order. Other door thickness, consult factory. 3" (76mm) minimum stile. Maximum door height 96"
<b>Mounting</b>	Supplied standard with wood and machine screws. Through-bolts available on order.
<b>Chassis Cover</b>	Brass, bronze or stainless steel
<b>Chassis</b>	Nonferrous alloy
<b>Crossbar</b>	1" brass, bronze and stainless steel tubing. Specify 42- for reinforced cross bar .
<b>Hand</b>	Non Handed
<b>Dogging</b>	Standard Allen key dogging (Not available on fire rated devices)
<b>Latching</b>	<ul style="list-style-type: none"> <li>Two point latching (top and bottom of the door)</li> <li>Top &amp; bottom latchbolt projection adjustable through center case</li> <li>Standard bottom latch compatible with latchtrack thresholds (by others)</li> </ul>
<b>Strikes</b>	646 top strike for panic & fire and 624 bottom strike for panic & 655 bottom strike for fire
<b>Rod</b>	1/2" brass, bronze or stainless steel
<b>Fire Exit Hardware</b>	See chart page 3
<b>Opening Height</b>	84" (2134mm) Standard
<b>Certification/ Compliance ANSI</b>	<ul style="list-style-type: none"> <li>ANSI/BHMA156.3 - 2014 Grade 1</li> <li>ADA Compliant</li> <li>UL Fire and Panic listed</li> </ul>

**646 Top Strike**

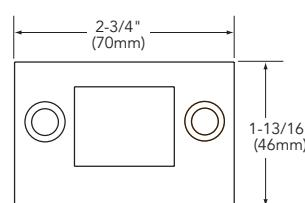
- Standard Top Strike for both Panic & Fire (12-) Hardware
- Surface applied to frame
- Black nylon coated
- Replaces 629 Strike

**624 Bottom Strike**

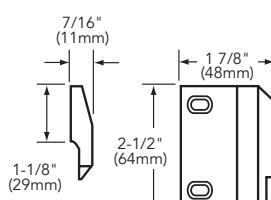
- Standard for 9700
- Applied to surface of floor or to a flat threshold
- Black nylon coated

**655 Bottom Strike**

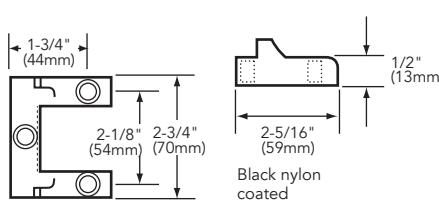
- Standard bottom strike for 12-9700 and 14-9700
- Stainless steel
- Black nylon coated
- Replaces 647 Strike

**648 & 653 STRIKES (OPTIONAL)****648 Strike**

For doors having transom panel applications  
Black nylon coated

**653 Strike**

Alternate for 12-9700



## 9700 Functions and Trim

## 700 Series ET Trim

Exits with ET Trim, spe  
lever design after the E  
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

**Note:** Voltage must be  
specified for 73 & 74 function  
ET trims  
(12v or 24v)

300 Series++  
Auxiliary Control

300 Series  
Auxiliary  
Control

Inside Lever  
Assembly for  
300 Series Aux  
Control

Attaches to top  
rod and engages  
with 300 Series  
Auxiliary Control.

Part # 97-2378



SARGENT Function Numbers	ANSI Function Numbers	Description & Cylinder Info. (1-3/4" Door)	ANSI Type 2 9700 Panic & Fire
06	09	Key unlocks Trim, Trim retracts latch/ Trim relocks when key is removed #41 Cylinder Supplied	9706 x ET_
10	01	No outside Operation (No Cylinder)**	9710
10	02	No outside Operation (No Cylinder)** ET Control is used as Pull Only	9710 x ET_
13	08	Key Outside Unlocks/locks Trim #41 Cylinder Supplied	9713 x ET_
15	14	Passage Only (No cylinder)	9715 x ET_
73		Electrified ET Trim - Fail Safe Power Off, Unlocks Lever (No Cylinder)**	9773 x ET_
74		Electrified ET Trim - Fail Secure Power Off, Locks Lever (No Cylinder)**	9774 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. 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 306 Aux Control

Example Order: 9773F 12V x ETMG x 306 x RHR x 32D 36" w x 84" H

## Options

## 9700

Mechanical  
Options:

12-  
14-  
31-  
36-  
37-  
42-  
54-  
76-  
85-  
86-  
87-  
CPC-  
\*\*\* SG-  
TB-

## 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-  
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-

SARGENT Function Numbers	ANSI Function Numbers	Description & Cylinder Info. (1-3/4" Door)	9700 Panic & Fire
06	12	Key unlocks Turn; Turn retracts latch/ Turn relocks when key is removed #41 Cylinder Supplied	9710 x 306
13	11	Key Outside Unlocks/locks Turn #41 Cylinder Supplied	9710 x 313

**Note:** When ordering 9700 Series Exit Device x 300 Series Aux. Control, specify 10 Function for the exit.  
Example: 9710F x 306 x RHR x 32D x 42" x 90"

**++ Note:** Exit Devices must be mounted 38" AFF when used with a 300 Series Auxiliary Controls to meet  
ICC/ANSI A117.1-2003 Accessible & Usable Buildings and Facilities Code

\*\*\* 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	—

Pull & Thumb Piece Trim Section			Trim Designations					
SARGENT Function Numbers	ANSI Function Numbers	Description & Cylinder Info. (1-3/4" Door)						Series
10	02	Pull Only (No Cylinder)***	810-FLL	810-FLW	810-MAL	810-PTB	810-STS	9700 Panic & Fire
28	15	Passage Only (No cylinder)	828-FLL	828-FLW	828-MAL	828-PTB	828-STS	9728 x Trim Designation
63	05	Key Outside Unlocks/Locks Trim #34 Cylinder Supplied	866-FLL	866-FLW	866-MAL	866-PTB	866-STS	9763 x Trim Designation

\*\*\* Cylinder Override is available with a 306 Aux Control

**Note:** Thumb piece trims for 63 and 66 function devices are identical and are identified as 66 function when trim is ordered separately

**Note:** Pulls and thumb piece trims are not available in 14, 15, 26 or 26D

## How to order:

Options	Series	Function	Trim	Hand	O/S Finish	I/S Finish	Door Width	Door Height	AFF
11-	97	13	ETL	RHR	15	32D	36"	84"	36"

Experience a safer  
and more open world

1-800-727-5477 • [www.sargentlock.com](http://www.sargentlock.com)

9

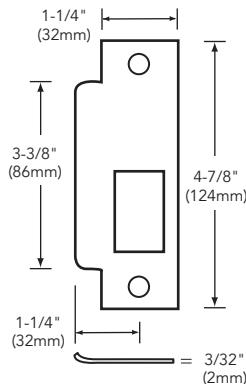


## SPECIFICATIONS

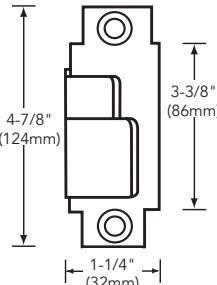
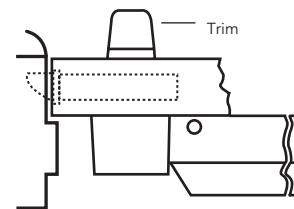
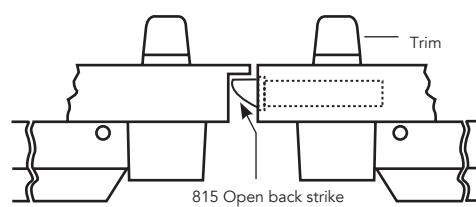
<b>For Doors</b>	Wood or metal. 1-3/4" (44.5mm) thick standard. Other door thickness, consult factory. 4-1/2" (114mm) minimum stile
<b>Mounting</b>	Supplied standard with wood and machine screws. Through-bolts available on order.
<b>Chassis Cover</b>	Brass, bronze or stainless steel
<b>Chassis</b>	Nonferrous alloy
<b>Crossbar</b>	1" brass, bronze and stainless steel tubing. Specify 42- for reinforced cross bar.
<b>Hand</b>	Handed, please specify hand when ordering
<b>Mortise Lock</b>	900 Series Mortise Lock, non-reversible
<b>Dogging</b>	Standard Allen key dogging (Not available on fire rated devices)
<b>Strike</b>	C908 standard for panic and fire rated
<b>Fire Exit Hardware</b>	See chart page 3
<b>Certification/Compliance</b>	ANSI/BHMA156.3 - 2014 Grade 1
<b>ANSI</b>	ADA Compliant

**C908 Strike**

- Curved lip ANSI A115.1
- Handed. 1-1/4" lip standard
- Longer, lips in increments of 1/4" through 2-7/8" available
- Black nylon coated

**815 Open Back Strike**

- ANSI A115.14 Open Back
- Beveled 1/8" in 2"
- Specify hand of active door
- "B" label
- Required for pairs of doors with 9700 and 9900 on pair
- Black nylon coated

**Single Door****Pair of Doors**

## 9900 Functions and Trim

**700 Series ET Trim**

Exits with ET Trim, spe  
lever design after the E  
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

**Note:** Voltage must be  
specified for 73, 74, 75 & 76  
function ET trims (12v or 24v)

SARGENT Function Numbers	ANSI Function Numbers	Description & Cylinder Info (1-3/4" Door)	ANSI Type 3 8900 Panic & Fire
04	03	Night Latch Key Retracts Latch #46 Cylinder Supplied	9904 x ET_
10	01	No outside Operation (No Cylinder)	9910
10	02	No outside Operation (No Cylinder) ET Control is used as Pull Only	9910 x ET_
13	08	Key Outside Unlocks/locks Trim #41 Cylinder Supplied	9913 x ET_
15	14	Passage Only (No cylinder)	9915 x ET_
73		Electrified ET Trim - Fail Safe Power Off, Unlocks Lever (No Cylinder)**	9773 x ET_
74		Electrified ET Trim - Fail Secure Power Off, Locks Lever (No Cylinder)**	9774 x ET_
75++		Electrified ET Trim - Fail Safe Power Off, Unlocks Lever, Key Retracts Latch #46 Cylinder Supplied	9975 x ET_
76**		Electrified ET Trim - Fail Secure Power Off, Locks Lever, Key Retracts Latch #46 Cylinder Supplied	9976 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. For nickel finishes, specify 14/32 or 15/32D to receive nickel finished trims and stainless exit devices

++ 75 Function without cylinder is available as a 73 Function

\*\* 76 Function without cylinder is available as a 74 Function

**Options****9900****Mechanical Options:**

12-  
23-  
31-  
36-  
37-  
42-  
54-  
76-  
85-  
86-  
87-  
CPC-  
\*\*\* SG-  
TB-

**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-  
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
10BE	613
10BL	613E
14	614
15	618
20D	619
26	624
26D	625
32	626
32D	629
BSP	630
WSP	—

Pull & Thumb Piece Trim Section			Trim Designations					
SARGENT Function Numbers	ANSI Function Numbers	Description & Cylinder Info. (1-3/4" Door)						Series
04	03	Night Latch-Key Retracts Latch #41 Cylinder Supplied	814-FLL	814-FLW	814-MAL	814-PTB	814-STS	9904 x Trim Designation
10	02	No O/S Operation or Cylinder (Pull Only)	810-FLL	810-FLW	810-MAL	810-PTB	810-STS	9910 x Trim Designation
28	15	Passage Only (No cylinder)	828-FLL	828-FLW	828-MAL	828-PTB	828-STS	9928 x Trim Designation
63	05	Key Outside Unlocks/locks Trim #41 Cylinder Supplied	866-FLL	866-FLW	866-MAL	866-PTB	866-STS	9963 x Trim Designation

**Note:** Thumb piece trims used with mortise lock exit devices are handed

**Note:** Thumb piece trims for 63 and 66 function devices are identical and are identified as 66 function when trim is ordered separately

**Note:** Pulls and thumb piece trims are not available in 14, 15, 26 or 26D

**How to order:**

Options	Series	Function	Trim	Hand	O/S Finish	I/S Finish	Door Width
10-SG-	99	13	ETL	RHR	26	32	36"

Experience a safer  
and more open world

1-800-727-5477 • [www.sargentlock.com](http://www.sargentlock.com)

11

# 9400 Series Narrow Stile Concealed Vertical Rod Exit Device

## SPECIFICATIONS

<b>For Doors</b>	Metal doors with 1-3/4" (44.5mm) thickness only. Requires proper reinforcements
<b>Mounting</b>	Supplied standard with machine screws.
<b>Chassis Cover</b>	Brass, bronze or stainless steel
<b>Chassis</b>	Nonferrous alloy
<b>Crossbar</b>	1" brass, bronze and stainless steel tubing.
<b>Hand</b>	Field Reversible. Order as RHRB or LHRB
<b>Dogging</b>	Standard Allen key dogging Less dogging available, special order (Not available on fire rated devices)
<b>Strikes</b>	94-2390 top strike pack; 94-2391 bottom strike pack
<b>Rod</b>	3/8" solid steel (top); 1/2" steel tubing Rods for doors 8'6" standard Rods for doors 8'6" to 10'8" optional
<b>Trim</b>	Night Latch Cylinder Retainer with 04 function; 862, 863, 864 pulls available separately
<b>Opening Height</b>	8'6" standard to 10'8" optional
<b>Stile Width</b>	2-1/8" minimum with 1/2" stop, single door; 1-3/4", pair of doors
<b>Projection</b>	4" (102mm); 2-7/8" (74mm) depressed.
<b>Backset</b>	1-3/8" on single door with 3/8" stop; 1" on pair of doors without mullion
<b>Cylinder</b>	41 Mortise cylinder Supplied with 9404 / 12-9404 only; Cylinder kit includes: Cylinder, Night Latch Cylinder Retainer, and mounting screws
<b>Warranty</b>	1 Year Limited
<b>Certifications / Compliance</b>	ANSI/BHMA 156.3 Grade 2; A117.1 ANSI Accessibility Code ADA Compliant
<b>Fire Exit Hardware</b>	See chart on page 3

## Options

### 9400

#### Mechanical Options:

12-  
85-

#### Cylinder Options:

10-  
11-  
11-21-  
82-  
F1-82-  
BR-  
SC-  
SE-

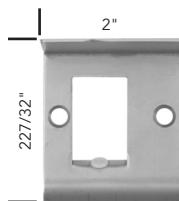
### 9400 Night Latch Cylinder Retainer

- Key retracts latch
- Standard with 9404 & 12-9404
- Supplied with a # 41 Cylinder



### 94-2390 Top Strike

- Standard Top Strike for 9400



### 9400 CVR Exit Device

The 9400 Series Exit Device is available with two functions:  
9404 - Night latch  
9410 - No outside operation (no cylinder)

### 94-2391 Bottom Strike

- Standard Bottom Strike for 9400
- Strike to be flush with finish floor

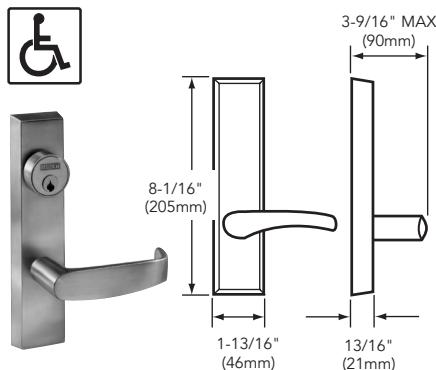


## How to order:

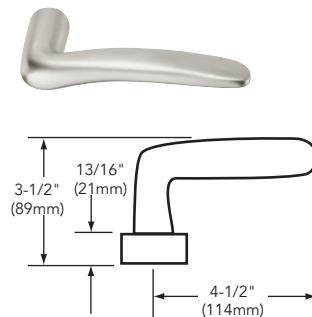
Options	Series	Function	Hand	Finish	Door Width	Door Height	AFF
12-	94	04	RHR	32D	36"	84"	36"

## ET Trim &amp; Levers

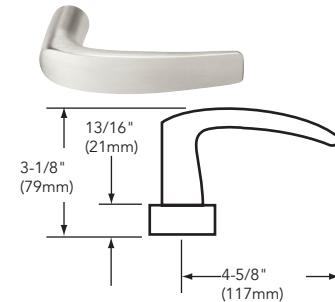
## ET LEVER CONTROLS



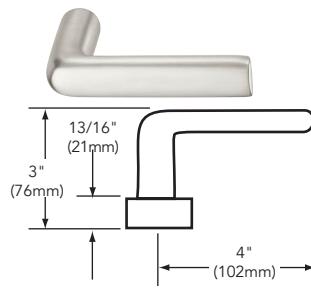
## A Lever (handed)



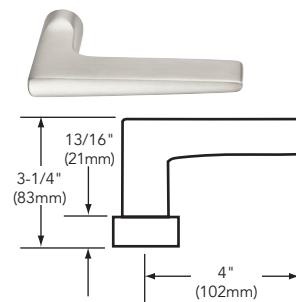
## B Lever



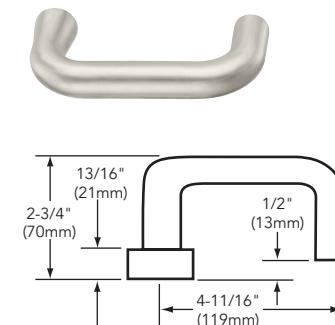
## E Lever



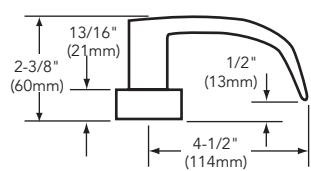
## F Lever



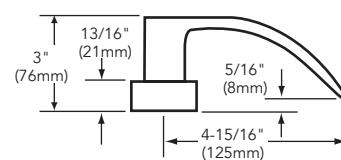
## J Lever



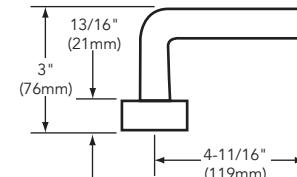
## L Lever\*



## P Lever\*



## W Lever



## Studio Collection Levers

## Studio collection

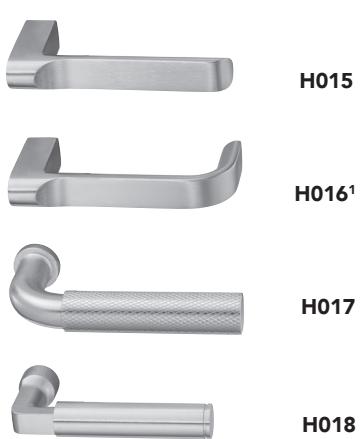
## FEATURES

- Studio Collection levers can be used with all SARGENT 90 Series exit devices with ET trim
- All levers - solid brass or stainless steel
- Available with all lever functions
- Finishes available: 03, 04, 09, 10, 10B, 10BE, 10BL, 14, 15, 20D, 26, 26D, 32 & 32D, BSP, WSP
- Always specify hand

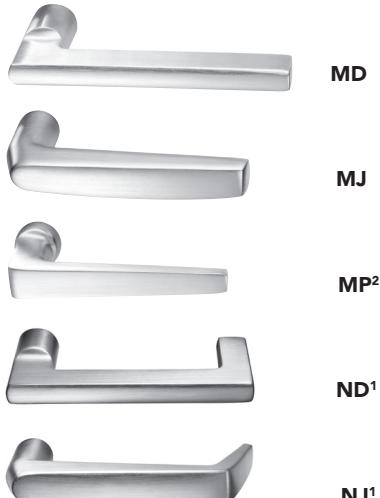
## Aventura Series



## Berlin Series



## Centro Series



1. Lever returns within 1/2" (13mm) of door face
2. Not available in 32D or 32 finish

## Studio Collection Levers

## Coastal Series

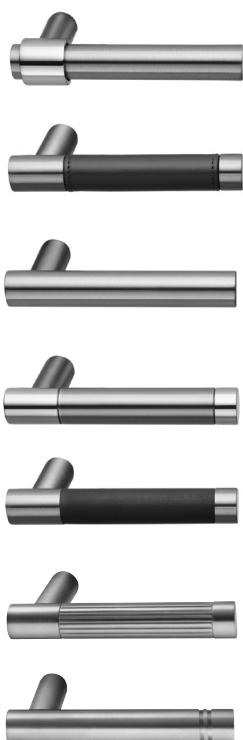


G

R

S

Y

Gramercy Series<sup>2</sup>

RCM

RAL

REM

RAM

RAS

RAG

RGM

Notting Hill Series<sup>3</sup>  
(Handed Levers)

MQ

MT

MO

MZ<sup>1</sup>Odéon Series<sup>3</sup>

MN

MH

MS

MU

MV

NU<sup>1</sup>

1. Lever returns within 1/2" (13mm) of door face

2. The Gramercy Levers are customized. Refer to the page 27 for ordering information

3. Not available in 32D or 32 finish

# Thumb Piece Pull Trim

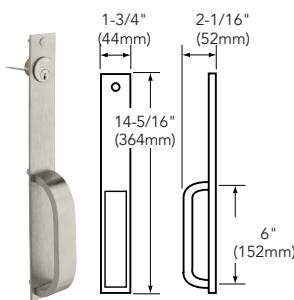
## PULLS AND THUMB PIECE TRIMS

Pulls and trims are through-bolted.

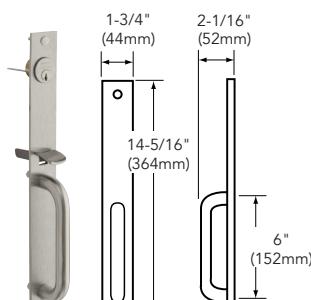
Through-bolting of trim allows for perfect alignment of thumb pieces, cylinders and spindles.

Through-bolts pass through the chassis of the devices and are bolted directly to the trim.

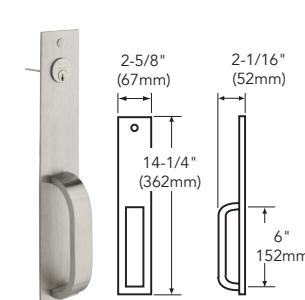
FLL



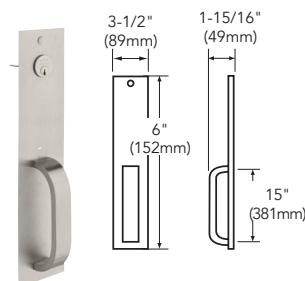
FLW



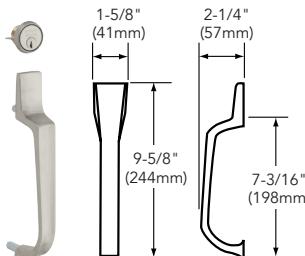
MAL



PTB



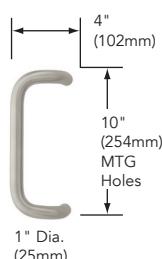
STS



## PULLS



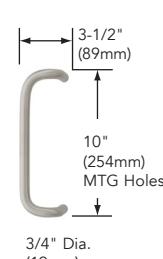
862



863



864



# Electromechanical Functions and Accessories

73 &amp; 75 ELECTROMECHANICAL (FAIL SAFE)

74 &amp; 76 ELECTROMECHANICAL (FAIL SECURE)



73 Functions: Fail Safe - Power Off, Unlocks Lever (No Cylinder)

74 Functions: Fail Secure - Power Off, Locks Lever (No Cylinder)

75 Functions: Fail Safe - Power Off, Unlocks Lever includes Cylinder override

76 Functions: Fail Secure - Power Off, Locks Lever includes Cylinder override

- 75 & 76 functions: the key retracts latch
- Exit Device always allows egress
- Features EcoFlex®
- Operates from 12-24 VDC. (Voltage must be specified)
- Actuator Draw = 400mA inrush / 15mA continuous @ 12VDC / 24VDC
- Provided with ElectroLynx® 8-Pin Connector

## REQUIREMENTS FOR ELECTRICAL AND DATA TRANSFER

To answer the demand for "smart" electronic access control and locking solutions that require fast, easy, and cost-effective installation, ASSA ABLOY Group brands use the ElectroLynx® standardized plug-in connectors and color-coded wiring system.

With ElectroLynx®, doorway components come pre-wired for easy hookup to the power source. Key to the system is the transfer device hinge that carries power from the frame to the locking hardware.

### Features of ElectroLynx®:

- Makes it easy to bring power to the locking hardware
- Wires have connectors that snap together, like plugging a telephone into a jack

To connect Electrified Trim to the electronic access control system, the following items are required:

- Electrified Trim (73, 74, 75 & 76 function ET's)
- ASSA ABLOY Door Group pre-wired door, or ElectroLynx® retrofit cable (order from McKINNEY)
- Electronic transfer device (ElectroLynx® electronic transfer hinge or Electrical Power Transfer with standard hinge, from McKINNEY)
- ElectroLynx® cable from the hinge to above the ceiling (order from McKINNEY)

Information regarding cable selection, hinge requirements and order strings can be found in the McKINNEY Transfer Device Solutions catalog. Consult

800-810-WIRE (9473) with questions on application specifications and requirements.

McKINNEY QC ElectroLynx® Hinges are recommended.



12VDC &amp; 24VDC POWER SUPPLIES:



- UL Class 2 Listed
- Four 12V models and four 24V models available
- Integral battery charging capability keeps sealed lead acid gel cell at full charge in case of line voltage failure (737-battery sold separately)
- Fused line voltage input with one, four, or eight DC outputs (depending on model)
- Each circuit can be individually turned on and off via a slide switch; the power status of each is shown by an LED
- In the event of a DC short the problem is confined to the zone of difficulty
- Fire alarm interface standard

SARGENT Model No.	Description
3521	12V - 1 Amp Power Supply
3541	12V - 3 Amp Power Supply
737	12V - 5 Amp Hour Backup Battery

SARGENT Model No.	Description
3520	24V - 1 Amp Power Supply
3540	24V - 2 Amp Power Supply
3550	24V - 4 Amp Power Supply
3570	24V - 6 Amp Power Supply
738	24V - 5 Amp Hour Backup Battery

# Mullions: Aluminum, Steel and Electrified

Aluminum Mullions					Electrified
<b>Product Designation</b>	650A	980	L980	EL980	
<b>Description</b>	Removable	Removable	Lockable	Electrical Lockable	
<b>Material</b>	Aluminum	Aluminum	Aluminum	Steel	
<b>Standard Finish</b>	US28/Satin Anodized Aluminum	Prime Coat	Aluminum Prime Coat	Gray Paint	
<b>Options</b>	Specify "650A x 10B" for 313AN to match 10B	Specify "980A" for Anodized US28/Satin Aluminum	Specify: "L980A" Anodized Aluminum Specify: "L980A x10B" for 313AN to match 10B	Wall Mounting Kit: 98-2580 Top Ret Pack :98-2559	
<b>Stk Size</b>	96"	86"	86"	86"	
<b>Max Stk Height</b>	120"	120"	120"	120"	
<b>Pre-prepped</b>	658 Strikes Included	No	No	No	
<b>Cylinder Size</b>	Not Required	Not Required	#41	#46 Only	
<b>Shape</b>	1-1/2" x 2-1/2"	T Shaped 2-1/2" x 3"	T Shaped 2-1/2" x 3"	Rectangular 2" x 3"	
<b>Misc. Information and Accessories</b>	Includes 651 Stabilizers and imbedded Weather Stripping Top Retainer 94-2050 Bottom Retainer 94-2051	Top Retainer - 511 Bottom Retainer - 502 Adapter for narrow transom: 507 - Aluminum Prime Coated 507A - Anodized Aluminum	All Cylinder Options Available Wall Mount Kit 98-2578 Top Ret Pack 98-2526 Bottom Ret Pack 98-2525 Cylinder Kit 980C1*	For use with Electric Strikes and Monitoring, Quick Connect Wiring Supplied Cylinder Kit 980C2*	

\* Note: Cylinder Kits must be ordered separately

Steel Mullions					
<b>Product Designations</b>	HC980	980S	L980S	HCL980	12-HD980
<b>Description</b>	Hurricane Code	Standard Mullion	Lockable	Lockable Hurricane Code	Heavy Duty
<b>Material</b>	Steel	Steel	Steel	Steel	Steel
<b>Fire Rated</b>	Specify 12-HC980	Specify 12-980	Specify 12-L980	Specify 12-HCL980	Specify 12-HD980
<b>Fire Rated Max Height</b>	96"	96"	96"	96"	120"
<b>Finish</b>	Gray Paint	Gray Paint	Gray Paint	Gray Paint	Gray Paint
<b>Stk Size</b>	86"	86"	86"	86"	120"
<b>Max Stk Height</b>	96"	120"	120"	96"	120"
<b>Pre-prepped</b>	No	No	No	No	No
<b>Cylinder Size</b>	Not Required	Not Required	#41 Std (#42 & #43 available)	#41 Std (#42 & #43 available)	Not Required
<b>Shape</b>	Rectangular 2' x 3"	Rectangular 2' x 3"	Rectangular 2' x 3"	Rectangular 2' x 3"	Rectangular 2' x 3"
<b>Misc. Information</b>	Designed for severe wind load conditions due to hurricanes or windstorms. Tested to Dade County Protocols & ASTM Standards	Channel Iron & Malleable iron top & bottom retainers. Mullions longer than 86" must be ordered as 12- option x 120" length and cut to size in the field. Fire rating is valid only up to 96"	Fire rated for 8'0" x 8'0" paired openings Mullions longer than 86" must be ordered as 12- option x 120" length and cut to size in the field. Fire rating is valid only up to 96"	See Notes Below	12-HD980 is for pair of doors over 8'0" to 10'0" includes two piece strikes
<b>Accessories</b>	Top Ret Pack - 98-2599 Bottom Ret Pack - 98-2600 Top Retainer Shim Kit - 601	Top Ret Pack - 98-2190 Bottom Ret Pack - 98-2191 Top Retainer Shim Kit - 601	Wall Mounting Kit - 98-2579 Top Ret Pack - 98-2559 Bottom Ret Pack - 98-2556 Top Retainer Shim Kit - 601 Cylinder Kit - 980C1*	Top Retainer Pack: 98-2593 Bottom Retainer Pack: 98-2594 Top Retainer Shim Kit - 601 Cylinder Kit - 980C1*	Top Ret Pack - 98-2599 Bottom Ret Pack - 98-2600 Top Retainer Shim Kit - 601

\* Note: Cylinder Kits must be ordered separately

#### Note for HC980/12-HC980 Mullions:

- Designed for severe wind load conditions due to hurricanes or tornadoes
- Tested to Dade County protocols and ANSI 250.13 ASTM Standards and FEMA 361
- 12- Fire labeled version
- Replacement lock kits are available for lockable mullions
- Part numbers for each model are listed in the price book

#### HCL980 Mullion Information

- Model 12-HC-L980 may be supplied for doors UL fire rated up to and including 3 hrs not exceeding 8 ft in width and height
- Meets the following standards: ANSI 250.13, ASTM E330, ASTM 1886, ASTM 1996, TAS 201, TAS 202 & TAS 203

#### Lockable Mullion Cylinder Kit Options

Lockable mullions are shipped without cylinders. Order Cylinder Mullion Kit separately.

- L980, L980A, L980S, HC-L980, SM980S, SM980S and SML990S are 10, 10-21-, 10-63-, 11-, 11-21-, 11-60, 11-63-, 11-64-, 11-72-7P-, 11-65-73-7P-, 11-73-7P-, 21-, 22-, 60-, 63-, 64-, 70, 72-, 73-, 65-73-, 65-73-7P-, 73-7P-, 81-, 82-, F1-82-, 83-, F1-83-, 84-, SC- & SE-
- EL980 are 10, 10-21-, 10-63-, 11-, 11-21-, 11-60, 11-63-, 11-64-, 11-72-7P-, 11-65-73-7P-, 11-73-7P-, 21-, 60-, 63-, 64-, 70, 72-, 73-, 65-, 65-73-7P-, 73-7P-, 81-, 82- & F1-82-

**Note:** See page 21 for option details

## Split Mullions

Split Mullions (Steel)			
<b>Product Designations</b>	SM980S	SML980S	SMEL980
<b>Description</b>	Standard Mullion	Lockable	Electrical Lockable
<b>Material</b>	Steel	Steel	Steel
<b>Finish</b>	Gray Paint	Gray Paint	Gray Paint
<b>Stk Size</b>	96"	96"	96"
<b>Max Stk Height</b>	96"	96"	96"
<b>Pre-prepped</b>	No	No	No
<b>Cylinder Size</b>	Not Required	#41 Std (#42 & #43 available)	#46 Only
<b>Shape</b>	Rectangular 2" x 3"	Rectangular 2" x 3"	Rectangular 2" x 3"
<b>Misc. Information</b>	Not fire rated	Not fire rated	Not fire rated
<b>Accessories</b>	Top Ret Pack - 98-2190 Bottom Ret Pack - 98-2191 Top Retainer Shim Kit - 601	Wall Mounting Kit - 98-2579 Top Ret Pack - 98-2559 Bottom Ret Pack - 98-2556 Top Retainer Shim Kit - 601 Cylinder Kit - 980C1*	Top Ret Pack - 98-2558 Bottom Ret Pack - 98-2556 For use with Electric Strikes and Monitoring, Quick Connect Wiring Supplied Cylinder Kit - 980C2*

\*Note: Cylinder Kits must be ordered separately



SM980S/  
SML980S

# Mullion Accessories, Stabilizers and Door Coordinators

## Mullion Accessories

### RK980

Latchbolt assembly retrofit kit with top and bottom retainers for 980 aluminum mullion.



## 651 Mullion Stabilizer Kit



- Stabilizer block
- Furnished standard w/650A Mullion
- Order as a 651 Kit

## 980C1 Cylinder Mullion Kit



- Lockable mullions only
- Aluminum and steel
- Includes cylinder and collar
- Available in 26D and 10B finish

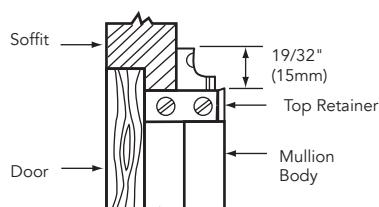
## 980C2 Cylinder Mullion Kit



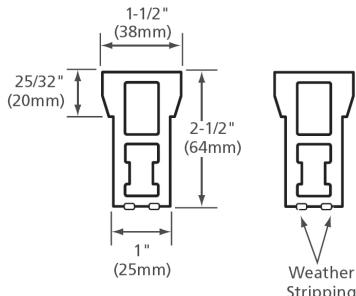
- Lockable mullions
- Electrified only
- Includes cylinder and collar
- Available in 26D

## 507 Narrow Transom Bars Adapter

- Available with 980 and 980A
- Required when soffit is 1-1/4" (32mm) to 2" (51mm) wide



## 650A Mullion



## Mullion Weights & Packaging

Product		Avg Wt
Exit Device with Trim	15 lbs	1 ea
980 Aluminum Mullion	18 lbs	1 ea
12-980 Steel Mullion	40 lbs	1 ea
650A Aluminum Mullion	18 lbs	1 ea
SM980S Split Mullion	40 lbs	1 ea

## Cylinder Nut Wrench

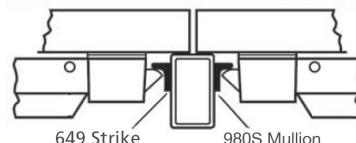


This wrench simplifies the installation and removal of mortise cylinders nuts used on 700 Series Auxiliary Control (80 Series ET Trim).

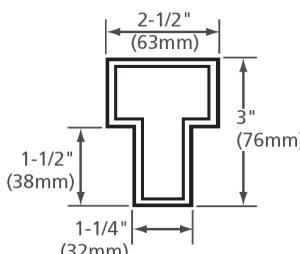
- Part number 97-0568

## 980S & SM980S Mullion Application

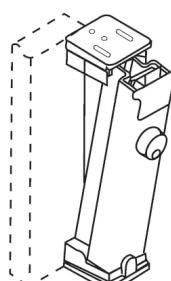
- All steel mullions are 2" x 3"



## 980 Mullion & L980 Lockable Mullion



## Lockable Mullion



# Mechanical Options

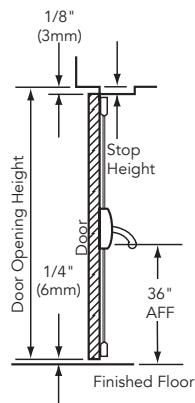
## MECHANICAL OPTIONS:

<b>Fire Rated</b>	<b>12-</b>	UL Fire Label Exit hardware
<b>SVR Bolt</b>	<b>14-</b>	Sliding bolt bottom case for 9700
<b>Alternate Strike</b>	<b>23-</b>	4-7/8" (124mm) ANSI flat lip strike (for 9900 Series Mortise Lock Exit Devices)
<b>Thick Doors</b>	<b>31-</b>	Doors over 1-3/4" and/or Panels (Specify door thickness, panel thickness & location as required) (Not available with 9400 Devices) Extended lip strike supplied for 9900 Series
<b>Security Fasteners</b>	<b>36-</b>	Six lobe security head screws
	<b>37-</b>	Spanner head screws
<b>Reinforced Cross Bar</b>	<b>42-</b>	Reinforced Cross Bar (Not available with 9400 Devices)
<b>Electrical Options</b>	<b>54-</b>	Monitors ET Lever movement with Internal micro switch in ET Control
<b>Tactile Warning Options</b>	<b>76-</b>	Tactile Warning - Milled Outside Lever (Not available with Studio & Coastal Levers and the A Lever)
	<b>85-</b>	Tactile Warning - Abrasive strip on Cross Bar
	<b>86-</b>	Tactile Warning - Abrasive coating on Outside Lever
	<b>87-</b>	Tactile Warning - Abrasive strip on Cross Bar & Abrasive coating on Outside Lever
<b>Finish Protection</b>	<b>CPC-</b>	Clear Powder Coat (Available for 32 & 32D Finishes)
	<b>SG-</b>	MicroShield® antimicrobial clear powder coat (only available with 15, 26D and 32D finishes)
<b>Through Bolts</b>	<b>TB-</b>	Through-bolts for 9900, 9800 & 9700 Devices

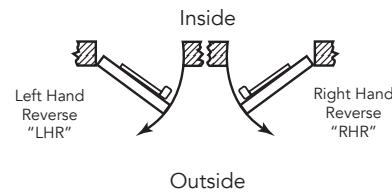
**Note:** Tactile Warning with Knurled Cross Bars is available, please consult factory (not available with 9400 devices)

## MOUNTING HEIGHTS

- 36" (914mm) Cross Bar above finished floor for standard application



## HAND



# Cylinder Options

## CYLINDER OPTIONS:

<b>Degree Key System</b>	<b>DG1-</b>	SARGENT Degree Key System Level 1 (bump resistant with patented keys)
	<b>DG1-21-</b>	Degree Level 1 Construction Master Keying
	<b>DG1-60-</b>	Degree Level 1 Removable Disposable Construction Core
	<b>DG1-63-</b>	Degree Level 1 Removable Core
	<b>DG1-64-</b>	Degree Level 1 Removable Construction Keyed LFIC
	<b>DG1-65-</b>	Degree Level 1 Unassembled/Uncombined Core
	<b>DG2-</b>	SARGENT Degree Key System Level 2 (geographically exclusive; bump and pick resistant)
	<b>DG2-21-</b>	Degree Level 2 Construction Master Keying
	<b>DG2-60-</b>	Degree Level 2 Removable Disposable Construction Core
	<b>DG2-63-</b>	Degree Level 2 Removable Core
	<b>DG2-64-</b>	Degree Level 2 Removable Construction Keyed LFIC
	<b>DG2-65-</b>	Degree Level 2 Unassembled/Uncombined Core
	<b>DG3-</b>	SARGENT Degree Key System Level 3 (geographically exclusive; UL437 certified; bump and pick resistant)
	<b>DG3-21-</b>	Degree Level 3 Construction Master Keying
	<b>DG3-60-</b>	Degree Level 3 Removable Disposable Construction Core
	<b>DG3-63-</b>	Degree Level 3 Removable Core
	<b>DG3-64-</b>	Degree Level 3 Removable Construction Keyed LFIC
<b>Signature Key System</b>	<b>10-</b>	SARGENT Signature Key System (Not Available with other Key Systems)
	<b>10-21-</b>	SARGENT Signature Construction Key System (Lost Ball)
<b>Signature- LFIC Removable Core</b>	<b>10-63-</b>	SARGENT Signature Removable Core Cylinder
	<b>11-</b>	XC Key System (Not available with other Key systems unless specified)
<b>XC- Key System</b>	<b>11-21-</b>	XC- Construction Key System (Lost Ball)
	<b>11-60-</b>	Device to accept XC- Permanent Removable Core, Disposable plastic Core- provided
<b>XC- Large Format Interchangeable Core (Removable Core)</b>	<b>11-63-</b>	Device provided with XC- Removable Core Cylinder - (Includes masterkeying, grand masterkeying)
	<b>11-64-</b>	Device provided with Keyed construction core to accept XC- Removable Permanent Core (ordered separately)
<b>XC- Small Format Interchangeable Core</b>	<b>11-70-7P-</b>	Device to accept XC- SFIC ( 7-Pin) XC- Permanent Cores, plastic disposable core provided
	<b>11-72-7P-</b>	Device to accept XC- SFIC (7-pin Keyed Construction Core provided) cylinder Permanent core ordered separately
	<b>11-73-7P-</b>	Device provided with XC- Small Format 7-Pin interchangeable core (Includes masterkeying, grand masterkeying)
	<b>11-65-73-7P-</b>	Device provided to accept XC- Uncombined 7-Pin SFIC (Permanent) Core - (Packed Loose)

**Note:** For V-10 Cylinders and information, contact ASSA, Inc @ 800-235-7482

# Cylinder Options

## CYLINDER OPTIONS:

<b>Construction Key Systems</b>	<b>21-</b>	SARGENT Lost Ball Construction Keying for Conventional, XC and Signature Series (N/A with 63- or 73-)
	<b>22-</b>	SARGENT Construction Split Key System for Conventional Cylinders (Existing Systems Only) (N/A with 10-, 11-, 63- or 73-)
<b>Old Style Removable Core</b>	<b>51-</b>	Removable Core Cylinder (Old Style) provided (existing systems only)
	<b>52-</b>	Removable Construction Core (Old Style) Permanent core ordered separately (existing systems only)
<b>Large Format Interchangeable Core (Removable Core)</b>	<b>60-</b>	Device to accept SARGENT Permanent Removable Core, Disposable plastic Core provided (Permanent Cores ordered separately)
	<b>63-</b>	Device provided with Removable Core Cylinder - (Includes masterkeying, grand masterkeying)
	<b>64-</b>	Device provided with Keyed construction core to accept Removable Permanent Core (ordered separately)
<b>Small Format Interchangeable Core</b>	<b>70-</b>	Device to accept 6- or 7-Pin SFIC Permanent Cores, plastic disposable core provided
	<b>72-</b>	Device to accept 6- or 7-Pin SFIC (6-Pin Keyed Construction Core provided) Cylinder (Permanent Core ordered separately)
	<b>73-</b>	Device provided with 6-pin SFIC (Includes masterkeying, grand masterkeying)
	<b>65-73-</b>	Device provided to accept Uncombined 6-Pin SFIC (Permanent) Core - (Packed Loose for field keying)
	<b>65-73-7P-</b>	Device provided to accept Uncombined 7-Pin SFIC (Permanent) Core - (Packed Loose for field keying)
	<b>73-7P-</b>	Device provided with Small Format 7-Pin Interchangeable Core (Includes masterkeying, grand masterkeying)
<b>Keso &amp; Keso F1</b>	<b>81-</b>	Device provided with housings to accept Keso (83) & Keso F1 (F1-83-) removable cores. (Permanent Cores ordered separately)
	<b>82-</b>	Device provided with SARGENT Keso Security Cylinder
	<b>F1-82-</b>	Device provided with SARGENT Keso F1 Security Cylinder (Patented)
	<b>83-</b>	Device provided with SARGENT Keso Security Removable Core cylinder
	<b>F1-83-</b>	Device provided with SARGENT Keso F1 Security Removable Core cylinder (Patented)
	<b>84-</b>	Device provided with SARGENT Keso Construction Cores (Permanent Cores ordered separately)
<b>Added Security</b>	<b>BR-</b>	Bump Resistant Cylinder (Available with Conventional & Conventional XC Cylinders Only)
<b>Less Cylinder</b>	<b>LC-</b>	Less Cylinder - SARGENT supplies standard blocking rings for 1-1/8" Cylinders (For longer cylinders order collars/rings separately)
<b>Schlage Keyways</b>	<b>SC-</b>	Schlage C keyway cylinder, 0 bitted
	<b>SE-</b>	Schlage E keyway cylinder, 0 bitted

## ROD REPLACEMENT KITS

Product	Top Rod Kit *	Bottom Rod Kit **
3	670T	670B

**Note:** Finish Information Required

\* Door Height & Rail Location Required

\*\* Rail Location Required

## THROUGH-BOLTS

Device	Through-bolts	*Ordering
9800	4	97-2578
9900	4	97-2578
12-9800	4	97-2578
12-9900	4	97-2578
9700	14	97-2579
12-9700	14	97-2596

**\*Specify Finish**

To order Through-bolts, specify TB- Option. Examples: TB-9804 x FLL x RHR x 32D. Through-bolts and mortise nuts must be specified to mount fire exit devices on composite fire doors with steel, wood or plastic covering.

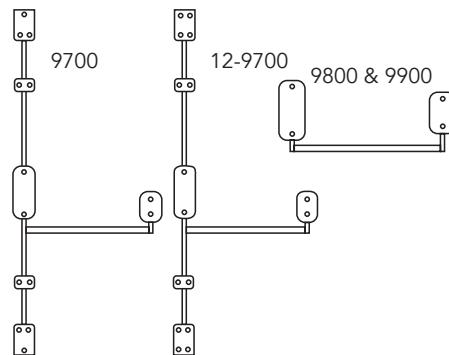
## 571 ROD EXTENSION KITS

- For use on surface mounted vertical rods
- Kits available in 6" (15.2cm), 12" (30.4cm) or 18" (45.7cm) lengths

To order: Specify length and finish

Example: 571-6" x 26D

## CENTER BEARING BRACKET



All exit devices used on doors 48" wide and wider will be furnished with a matching center bearing bracket at an additional charge. This bracket assists in supporting the long crossbar and adds an extra spring to help counter balance the crossbar.

## Finishes and Finish Care

## FINISHES

SARGENT #	BHMA#	Description	How to clean	Avoid these cleaners
3	605	Polished brass, clear coated	Mild non-abrasive detergent with damp cloth or sponge	Abrasive cleaners, bleach solvents, steel or bronze wool
4	606	Satin brass, clear coated		
9	611	Polished bronze, clear coated		
10	612	Satin bronze, clear coated		
BSP	—	Black Suede Powder Coat		
WSP	—	White Suede Powder Coat		
10B	613	Oxidized bronze, oil rubbed	Lemon oil polished with dry cloth	Abrasive cleaners, bleach solvents, steel or bronze wool
10BE	613E	Dark oxidized satin bronze, equivalent		
10BL+	614	Oxidized satin, bronze, clear coated	Mild non-abrasive detergent with damp cloth or sponge	Abrasive cleaners, bleach solvents, steel or bronze wool
20D	624	Statuary dark bronze, clear coated		
32**‡	629**	Polished stainless steel		
32D**‡	630**	Satin stainless steel	Plastic pad or bronze wool	Cleaners, solvents, bleach, steel wool

+ **Note:** Finish not available, 9400 / 12-9400

\*\* 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. 26 or 26D is automatically supplied as a trim finish when 32 or 32D is specified for the exit device finish. For nickel finishes, specify 14/32 or 15/32D to receive nickel finished trims and stainless exit devices.

**Note:** Arms Nickel Plated to match 32 and 32D

**Note:** FLW Trim is NOT available in 32 or 32D

**Note:** Pulls and thumb piece trims are not available in 14, 15, 26 or 26D except FLW which is available in 14 and 15.

## LOCK/CYLINDER FINISH

Device Finish	Cylinder/Core*
03, 04, 09, 10, 10B, 10BE, 10BL, 20D	04
32, 32D, WSP	15
BSP	BSP

\*Finish when cylinder provided with device

## TO AVOID DISCOLORATION AND PITTING:

- Keep stainless steel away from contact with other metals
- Avoid cleaning with mineral acids or chlorine products
- Avoid cleaning with abrasive products like sandpaper or steel wool

## TO MAINTAIN THE FINISH:

- Remove any contamination before damage occurs
- Protect with a metal polish or car wax

## How to Order

## HOW TO ORDER EXIT DEVICES

Example Order:

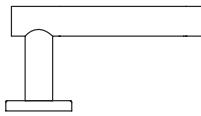
12-	99	75	ETMR	12VDC	RHR	26D	32D	36"	84"	36"
Options	Device Type	Function	Trim	Voltage	Hand Finish	Outside Finish	Inside Finish	Door Width	Opening Height	AFF
Available Options Listing Pgs 18-19	99 - Mortise 98 - Rim 97 - SVR 94 - CVR	04 - Night Latch 06 - Night latch 10 - Dummy 13 - Classroom 15 - Passage 28 - TP Passage 63 - TP Classroom 73 - Solenoid Fail Safe 74 - Solenoid Fail Secure 75 - Solenoid Fail Safe w/Cyl 76 - Solenoid Fail Secure w/Cyl	For ET trim specify ET followed by Lever design, See pages 13-16 For Thumb Piece Trims and Pulls specify Trim Designation as specified by Device Type For 300 Series Auxiliary Controls; specify 306 or 313 with 10, 73 or 74 Function Devices	12VDC 24VDC Voltage required for Solenoid Controlled Functions - 73, 74, 75 & 76	RHR LHR	Available Finishes page 26	Inside Finish Available Finishes page 25	If door width is supplied Cross Bar will be cut to size	Required for Vertical Rod Exit Devices	36" Cross Bar above finished floor for std application
	Narrow									

## Legend

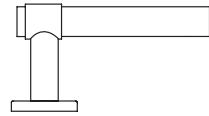
AFF - Above Finish Floor  
 ET - SARGENT External Lever Trim  
 CVR - Concealed Vertical Rod  
 TP - Thumb Piece Trim  
 SVR - Surface Vertical Rod

## Ordering Gramercy Series Levers

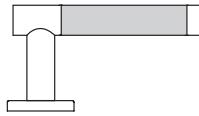
## GRAMERCY SERIES LEVERS



REM, RGM



RCM



RAG, RAL, RAM, RAS

## GRAMERCY FINISH CODES

ANSI/BHMA Finish	SARGENT Finish	Gramercy Code*	Description
630	32D	30	Satin Stainless Steel
629	32	29	Bright Stainless Steel
613E	10BE	3E	Dark Oxidized Satin Bronze, Equivalent
N/A	BSP	BS	Black Suede Powder Coat
N/A	WSP	WS	White Suede Powder Coat
N/A	N/A	BK	Black (Santoprene™ or leather insert)
N/A	N/A	BN	Brown (leather insert)

\*Code used to specify Gramercy Series finishes only. Use available finishes list to specify desired finish when ordering.

## GRAMERCY LEVER DESCRIPTIONS &amp; AVAILABLE FINISHES

Lever Designation	Lever Description	Available Finishes (AS ORDERED)
RAG	Grooved Insert	3030, 2929, 2930, 3029, 3E3E, BSBS or WSWS
RAL	Leather Insert	30BK30, 30BN30, 29BK30, 29BN30, 3EBK3E, BSBKBS, WSBKWS, 3EBN3E, BSBNBS or WSBNW
RAM	Satin Metal Insert	2930 only (SEE NOTATION)
RAS	Santoprene Insert	30BK30, 29BK29, 3EBK3E, BSBKBS or WSBKWS
RCM	Raised Band	2930, 2929, 3030, 3029, 3E3E, BSBS or WSWS
REM	Plain	2930, 2929, 3030, 3029, 3E3E, BSBS or WSWS
RGM	Two Grooves	2929, 3030, 3E3E, BSBS or WSWS

- 2930 Finish: grip of lever is 32D, balance of lever is 32. Rose/escutcheon and lock finish will be 32
- 3029 Finish: grip of lever is 32, balance of lever is 32D. Rose/escutcheon and lock finish will be 32D

Notes for Two-tone finishes:

To order Gramercy Series levers with SARGENT products, see the examples below. When specifying finish, use the last two digits of the ANSI/BHMA standard finish code, i.e. use "29" for polished stainless, ANSI/BHMA finish 629

## How to specify:

## 90 Series Exit Devices x ET trim with Gramercy levers

Gramercy Lever Information														
Options	Series	Functions	Voltage	Trim	Lever	Shank Finish*	Insert Finish	Grip Finish	Hand	Inside Finish	Door Width	Opening Height	AFF	
select from pages 20-21	90 Series	select from pages 4-12	specified for electrical functions		Leather insert	polished or satin stainless	black or brown	polished or satin stainless	RHR, RH, LHR, or LH	select from page 25		For vertical rod devices	Above Finished Floor	
54-	97	75	12VDC	ET	RAL	29	BN	29	RH	32D	36"	84"	36"	

Gramercy Levers are available with E2, E3, E4, O, CO, TO, LN, CR, TR roses and CE, TE, LE1, VN1 escutcheons

# Architectural Specifications

## SUGGESTED ARCHITECT'S SPECIFICATION

- All exit devices must be listed under "panic hardware" in accident equipment list of Underwriters' Laboratories
- All exit devices, regardless of type, shall be of matching design
- Crossbar must have minimum wall thickness of .062" or be reinforced
- Main arm pivots shall be stainless steel
- Springs shall be stainless steel
- Crossbars and arms shall be counter balanced by springs in both center case and hinge style cases
- All exit devices shall be of chassis mounted unit construction with removable covers
- Top and bottom rods of vertical rod devices shall be a minimum of 3/8" diameter
- Where labeled fire doors are used as exits, they must be equipped with labeled fire exit hardware
- All crossbars on exit devices to be locked down by inside dogging feature accomplished by depressing crossbar and turning key

## Notes

**SARGENT®**

**ASSA ABLOY**

Experience a safer  
and more open world

1-800-727-5477 • [www.sargentlock.com](http://www.sargentlock.com)

29

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, mechanical and smart locks, access control and service.

**SARGENT®**

**ASSA ABLOY**

SARGENT Manufacturing Company  
100 Sargent Drive  
New Haven, CT 06511 USA  
800-727-5477  
[www.sargentlock.com](http://www.sargentlock.com)

Founded in the early 1800s, SARGENT® is a market leader in locksets, cylinders, door closers, exit devices, electro-mechanical products and access control systems for new construction, renovation, and replacement applications. The company's customer base includes commercial construction, institutional, and industrial markets.

Copyright © 2006-2025, SARGENT Manufacturing Company. All rights reserved. Reproduction in whole or in part without the express written permission of SARGENT Manufacturing Company is prohibited. Patent pending and/or patent [www.assaabloydss.com/patents](http://www.assaabloydss.com/patents).

90128 10/25