

**SARGENT®**

**ASSA ABLOY**

# Passport 1000 P2

WiFi Campus Access Control Products



Available through Authorized Channel Partners only.  
Contact your local PERSONA or ASSA ABLOY Door Security  
Solutions sales consultant for details.

# WiFi Campus Access Control Products

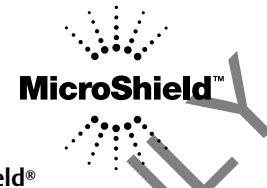
## Passport 1000 P2



**SARGENT®**  
**ASSA ABLOY**

### Table of Contents

Overview and Features.....	1
P2 8200 Series Mortise Locks.....	2
P2 10 Line Cylindrical Locks.....	3
P2 80 Series Exit Devices.....	4
Exit Device Retrofit Kits.....	5
Standard and Coastal Series Levers, Finishes, ET Trim and Handing.....	6
Studio Collection Levers.....	7
Ordering Gramercy Series Levers and Rose Designs.....	8
Access Credentials.....	9
Replacement Parts.....	10
Mechanical Options.....	11
Cylinder Options.....	12
Cylinder Options and Shipping Information.....	13
UL Listed Hurricane-Resistant Certifications & Florida Building Codes.....	14
Architectural Specifications.....	15-16



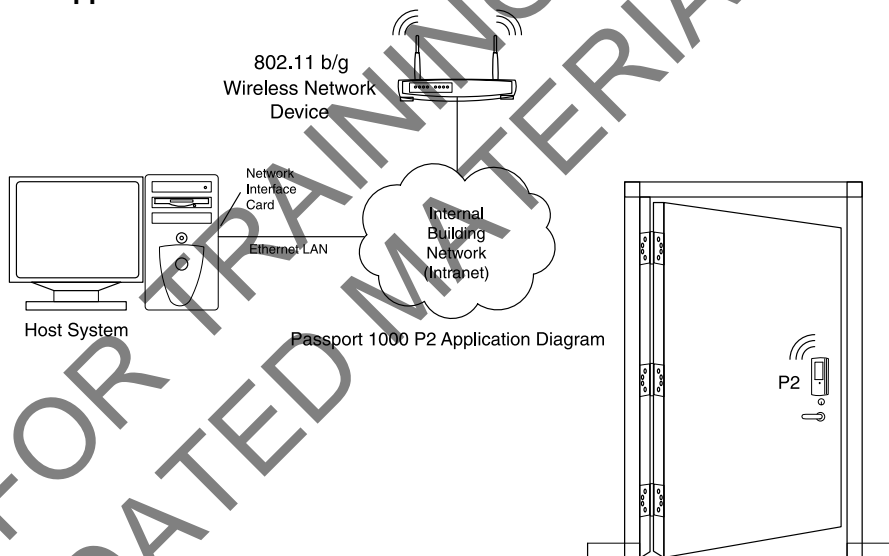
### MicroShield®

As part of their promise to provide innovative solutions to their customers, certain ASSA ABLOY Group brands offer the MicroShield® technology, a silver-based antimicrobial coating designed to inhibit the growth of bacteria. MicroShield® is a registered trademark of Yale Security Inc., an ASSA ABLOY Group company.

### 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.)

### Passport 1000 P2 Online Wireless Ethernet Typical Application



### Agion has achieved:



Agion's silver antimicrobial has been certified for its material content, recyclability, and manufacturing characteristics. Cradle To Cradle Certified<sup>CM</sup> products meet established standards for human health, environmental health and recyclability.

Cradle To Cradle Certified<sup>CM</sup> is a certification mark of MBDC.



# Overview and Features

## Passport 1000 P2



**SARGENT®**  
**ASSA ABLOY**

### Overview

An ANSI/BHMA Grade 1 lock using WiFi technology, the Passport 1000 P2 provides a cost-effective, future-proof solution for campuses. Featuring HID® multiCLASS SE™ technology, it provides simultaneous support for multiple credentials and offers an easy migration path to higher security credentials and NFC mobile access. With no wiring required, installation is fast, easy and affordable.

### About ASSA ABLOY's Authorized Channel Partner and Certified Integrator Programs

The SARGENT Passport 1000 P2 is part of the expanding ASSA ABLOY family of innovative products combining our proven mechanical locking devices with leading-edge technologies to provide integrated electronic access control solutions. As such, these products require training and certification for resellers and integrators to ensure proper product selection, successful deployment and customer satisfaction.

To aid our customers in this area, ASSA ABLOY has created two programs that provide the necessary training to sell, order, install and service our technology products, including Aperio wireless, Integrated Wiegand, IP-enabled and self-configurable intelligent components:



- *The Authorized Channel Partner (ACP)* program is open to resellers, who sell ASSA ABLOY's technology products to certified integrators, and help with product selection based on the application.
- *The Certified Integrator (CI)* program provides hands-on training for security systems integrators and network administrators. Not only does this training familiarize certified integrator candidates on product features and applications, it also gives them valuable experience installing, commissioning, and troubleshooting the products in a real-world environment. This category extends to End Users that install and manage their own systems and third party lock installers as well.



For more information on the qualifications for becoming an ACP or CI, contact your local ASSA ABLOY Door Security Solutions sales consultant for details.

### Passport 1000 P2 Features

- Intelligent, integrated ANSI/BHMA Grade 1 lockset, available in cylindrical lock, mortise lock, and exit device configurations, offers the highest degree of physical security available in access control locks
- Utilizes 802.11b/g/n WiFi network infrastructure for cost-effective installations; no proprietary equipment required
- Lock holds 2,400 users and 10,000 event audit trail
- Available with key override

### Access Credentials

#### Magnetic Stripe:

- Read speed: 4 to 40 in/s
- Card track: Track 2
- Card Coercivity: HiCo (4000 Oersted) or LoCo (300 Oersted)
- Time resolution on card: 1 minute
- Magnetic head lifetime: 300,000 operations

#### Keypad:

- PIN code: 4-digits with card, or 6-digits PIN only

#### Credential Reader:

Features HID® multiCLASS SE™ technology to support the following credentials:

- High Frequency (13.56 MHz)
  - HID iCLASS®
  - HID iCLASS SE® (SIO-enabled)
  - HID iCLASS® Seos™
  - HID MIFARE® SE
  - HID DESfire® EV1 SE
  - MIFARE Classic
  - DESfire EV1
  - FeliCa
- Low Frequency (125 kHz):
  - HID Prox®
- NFC-enabled mobile phones

### Software

Compatible with ASSA ABLOY's PERSONA Campus™ software or with approved third party access control software.

### PERSONA Campus Software

PERSONA Campus™ Software is an advanced and flexible locking system that supports magstripe and contactless technology to provide seamless database integration and software interface with enterprise, transactional and housing systems. Campus™ software provides customized access by user, by facility, or individual lock.

### Power Specifications

- Power supply: 6 AA alkaline batteries
- Auxiliary voltage: 12VDC-24VDC
- Battery life is supervised and gives advanced warnings at low capacity

### Environmental Specifications

- Operating temperature: -13°F (-25°C) to 151°F (66°C)
- Humidity: <85% non-condensing
- Storage temperature: -22°F (-30°C) to 176°F (80°C)

### Accessories (contact PERSONA)

- Multitrack encoder
- Pocket PC
- Magnetic stripe cards

# P2 8200 Series Mortise Locks

## Passport 1000 P2



**SARGENT®**  
**ASSA ABLOY**

The PERSONA Passport 1000 motorized 8200 Series Mortise Lock has a clean, crisp design and is available with the SARGENT Studio Collection, Coastal Series and traditional lever designs in a full array of finishes. The mortise locks are available with or without deadbolt and with or without key override.

### Mechanical Features

- Certified to ANSI/BHMA A156.13 Series 1000 Grade 1
- Motor driven mortise lock
- 3/4" stainless steel, anti-friction reversible latch
- For 1-3/4" (44mm) thick door standard. Consult factory for other thicknesses
- 8200 Series Levers and Roses are shown on pages 6-8

- Stainless steel non-handed deadlocking latch
- Handed lockbody, easily field reversible without opening lock body
- Lever trim through-bolted for increased security and durability
- UL/ULC Listed for use on fire doors\*
- Hurricane-Resistant Certifications listed on page 15
- Batteries included

\*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.

### Passport 1000 P2 Mortise Lock Functions

#### Standard P2-Mortise feature:

- Outside lever rigid except when in "passage" mode or valid user code entered
- Trim inside always retracts latch and/or deadbolt
- Guardbolt deadlocks latch
- Request-to-Exit: monitoring inside lever
- Latchbolt Monitoring: monitors latchbolt position
- Door Position Signaling: monitors door position

#### Key Override Function Features:

- Key outside retracts latchbolt and retracts & projects deadbolt
- Key override with a #41 (1-1/8") Mortise Cylinder

#### Deadbolt Function Features:

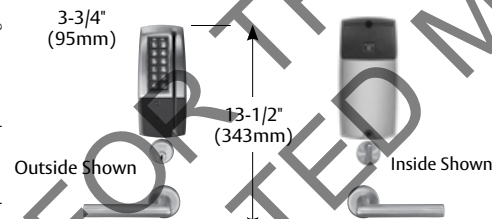
- When deadbolt thrown, outside lever operable only with predetermined code
- Deadbolt Monitoring: monitors deadbolt position
- 1" hardened stainless steel deadbolt

### P2 Mortise Lock Functions

If the lock needs to have:	Then select:			
	Technology	Series	Type	Function
<b>Magnetic Stripe only</b>				
Key override and deadbolt		P2	82	276
Key override and no deadbolt		P2	82	278
Deadbolt and no key override		P2	82	277
No deadbolt and no key override		P2	82	279
<b>Magnetic Stripe &amp; Keypad</b>				
Key override and deadbolt	KP-	P2	82	276
Key override and no deadbolt	KP-	P2	82	278
Deadbolt and no key override	KP-	P2	82	277
No deadbolt and no key override	KP-	P2	82	279
<b>iCLASS, keypad, mag stripe, Prox, smart card (MIFARE, DESFIRE)</b>				
	Series	Type	Function	Technology
Key override and deadbolt	P2	82	276	IKMPS
Key override and no deadbolt	P2	82	278	IKMPS
Deadbolt and no key override	P2	82	277	IKMPS
No deadbolt and no key override	P2	82	279	IKMPS
<b>iCLASS, mag stripe, Prox, smart card (MIFARE, DESFIRE)</b>				
Key override and deadbolt	P2	82	276	IMPS
Key override and no deadbolt	P2	82	278	IMPS
Deadbolt and no key override	P2	82	277	IMPS
No deadbolt and no key override	P2	82	278	IMPS
<b>FeliCa, keypad, mag stripe, Prox</b>				
Key override and deadbolt	P2	82	276	CKMP
Key override and no deadbolt	P2	82	278	CKMP
Deadbolt and no key override	P2	82	277	CKMP
No deadbolt and no key override	P2	82	278	CKMP
<b>FeliCa, mag stripe, Prox</b>				
Key override and deadbolt	P2	82	276	CMP
Key override and no deadbolt	P2	82	278	CMP
Deadbolt and no key override	P2	82	277	CMP
No deadbolt and no key override	P2	82	278	CMP

### Escutcheons

- Key button text is recessed to prevent wear
- Zinc die cast
- A multi-colored LED indicates valid/invalid entries
- Outside Escutcheon Projection is 1-5/8" (41mm)
- Inside Escutcheon Projection is 1-5/8" (41mm)



### How to Order: Passport 1000 P2 Mortise Locks with Magnetic Stripe Only or Magnetic Stripe and Keypad

Options	Technology	Series	Type	Function	Roses	Levers	Finish	Hand
Select from pages 12-14	Select from P2 Mortise Lock Function chart above				Select rose, lever and finish from pages 6-8			RHR, LHR, RH or LH
Example:	KP-P2-82276				LN	MX	26D	RH

### How to Order: Passport 1000 P2 Mortise Locks with multiCLASS SE™ Reader

Options	Series	Type	Function	Technology	Roses	Levers	Finish	Hand
Select from pages 12-14	Select from P2 Mortise Lock Function chart above				Select rose, lever and finish from pages 6-8			RHR, LHR, RH or LH
Example:	P2-82276-IKMPS				LN	MX	26D	RH

# P2 10 Line Cylindrical Locks

## Passport 1000 P2



**SARGENT®**

**ASSA ABLOY**

The PERSONA Passport 1000 P2 10 Line Cylindrical lock is available with a wide selection of lever designs and hardware finishes. Its unique design provides uniformity when used with other SARGENT locks at a facility.

### Mechanical Features

- Certified ANSI/BHMA A156.2 Series 4000 - Grade 1
- Motor driven cylindrical lock
- Latch Stainless Steel, 1/2" (13mm) throw
- 2-3/4" (70mm) backset standard; 3-3/4" and 5" backsets also available
- For 1-3/4" (44mm) thick door standard. Consult factory for other thicknesses
- Non-Handed lock body, levers may be handed (Specify RH, RHR, LH or LHR)
- Heavy duty lever spring return
- Adjustable through-bolt positions
- Steel mounting studs
- Not available with 10-UL-, 82-, 83- or 84- options
- UL/ULC Listed for fire doors\*
- Hurricane-Resistant Certifications listed on page 15
- Batteries included

\* 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.



### 52-5373 Door Position Switch (DPS)

- SPDT concealed switch (2 wire)
- Metal Door adapter included
- 3/8" Diameter for wood door
- 3/4" Diameter for metal door



### P2-10G77 Entry Lock with Cylinder

- Outside lever rigid except when in "passage" mode or valid user code entered
- Lever inside always retracts latch
- Guardbolt deadlocks latch
- Request-to-Exit (REX) signaling standard
- Door Position Switch (DPS, part #52-5373) supplied to allow for full monitoring
- 10 Line Levers are shown on page 6 and Roses are shown on page 8

### Key Override Standard Features:

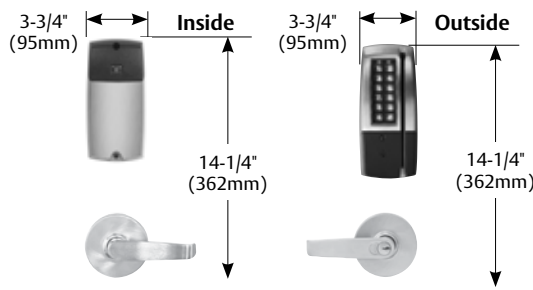
- Key outside retracts latchbolt

### P2 Cylindrical Lock Functions

If the lock needs to have:	Then select:			
	Technology	Series	Type	Function
<b>Magnetic Stripe only</b>				
Key override		P2	10	G77
<b>Magnetic Stripe &amp; Keypad</b>				
Key override	KP-	P2	10	G77
	Series	Type	Function	Technology
<b>iCLASS, keypad, mag stripe, Prox, smart card (MIFARE, DESFIRE)</b>				
Key override	P2	10	G77	IKMPS
<b>iCLASS, mag stripe, Prox, smart card (MIFARE, DESFIRE)</b>				
Key override	P2	10	G77	IMPS
<b>FeliCa, keypad, mag stripe, Prox</b>				
Key override	P2	10	G77	CKMP
<b>FeliCa, mag stripe, Prox</b>				
Key override	P2	10	G77	CMP

### Escutcheons

- Key button text is recessed to prevent wear
- Zinc die cast
- A multi-colored LED indicates valid/invalid entries
- Outside Escutcheon Projection is 1-5/8" (41mm)
- Inside Escutcheon Projection is 1-5/8" (41mm)



### How to Order: Passport 1000 P2 Cylindrical Locks with Magnetic Stripe Only or Magnetic Stripe and Keypad

Options	Technology	Series	Type	Function	Roses	Levers	Finish	Hand
Select from pages 12-14	Select from P2 Cylindrical Lock Function chart above				Select rose, lever and finish from pages 6 & 8			
**28-	KP-P2-10G77				L	G	03	RH

### How to Order: Passport 1000 P2 Cylindrical Locks with multiCLASS SE™ Reader

Options	Series	Type	Function	Technology	Roses	Levers	Finish	Hand
Select from pages 12-14	Select from P2 Cylindrical Lock Function chart above				Select rose, lever and finish from pages 6 & 8			
**28-	P2-10G77-1KMPS				L	G	03	RH

\*\*28- option supplies a 4-7/8" strike, opposed to the 2-3/4" T strike supplied standard

# P2 80 Series Exit Devices

## Passport 1000 P2



**SARGENT®**

**ASSA ABLOY**

The Passport 1000 P2 80 Series Exit Devices offers access control with magnetic stripe only, magnetic stripe/keypad, magnetic stripe/keypad/proximity reader, or magnetic stripe/keypad/iCLASS® reader for campus environments, and particularly in areas where life safety is a primary concern, such as in stairwell areas or tenant-occupied facilities.

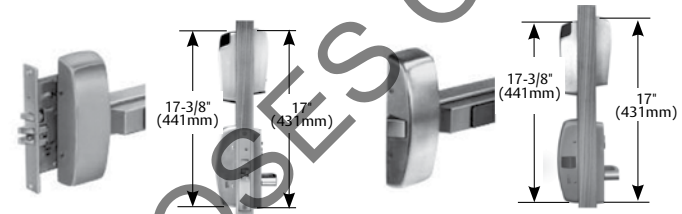
### Mechanical Features

- Certified ANSI/BHMA A156.3 Grade 1
- Latch 3/4" (19mm) throw (8800: stainless steel, 8900: anti-friction brass)
- Cylinder requirements: 8800 Series uses a #34 Rim Cylinder; 8900 Series uses a #46 Mortise Cylinder (1-3/4")
- For 1-3/4" (44mm) door standard. Consult factory for other thicknesses
- Batteries included
- Available with Studio Collection, Coastal Series and all standard levers
- UL/ULC Listed for fire doors\*
- Hurricane-Resistant Certifications listed on page 15

\*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.

### All P2 Exit Devices feature:

- Lever outside rigid except when in passage mode or valid user code entered
- Always allows free egress
- Request-to-Exit (REX): monitors rail position
- Door Position Switch (DPS, part #52-3893) supplied; allows for full monitoring (shown on page 3)



P2 8900 Mortise Exit Devices

P2 8800 Rim Exit Devices

### P2 Exit Device Functions

If the lock needs to have:	Mortise Lock Exit		
	Technology	Series	Type & Function
<b>Magnetic Stripe only</b>			
Key override		P2	8977
No key override		P2	8978
<b>Magnetic Stripe &amp; Keypad</b>			
Key override	KP-	P2	8977
No Key override	KP-	P2	8978
	Series	Type & Function	Technology
<b>iCLASS, keypad, mag stripe, Prox, smart card (MIFARE, DESFIRE)</b>			
Key override	P2	8977	IKMPS
No Key override	P2	8978	IKMPS
<b>iCLASS, mag stripe, Prox, smart card (MIFARE, DESFIRE)</b>			
Key override	P2	8977	IMPS
No Key override	P2	8978	IMPS
<b>FeliCa, keypad, mag stripe, Prox</b>			
Key override	P2	8977	CKMP
No Key override	P2	8978	CKMP
<b>FeliCa, mag stripe, Prox</b>			
Key override	P2	8977	CMP
No Key override	P2	8978	CMP

Rim Exit		
Technology	Series	Type & Function
	P2	8877
	P2	8878
KP-	P2	8877
KP-	P2	8878
Series	Type & Function	Technology
P2	8977	IKMPS
P2	8978	IKMPS
P2	8977	IMPS
P2	8978	IMPS
P2	8977	CKMP
P2	8978	CKMP
P2	8977	CMP
P2	8978	CMP

### Escutcheons

- Key button text is recessed to prevent wear
- Zinc die cast
- A multi-colored LED indicates valid/invalid entries
- Outside Escutcheon Projection is 1-5/8" (41mm)
- Inside Escutcheon Projection is 1-5/8" (41mm)

### Outside ET Lever Control

- Cast escutcheon
- Projection 13/16" (21mm)
- Motor-driven trim

### How to Order: Passport 1000 P2 Exit Devices with Magnetic Stripe only or Magnetic Stripe and Keypad

Options	Technology	Series	Type	Function	Rail Size	ET Trim/ Lever	Finish	Hand	Door Width
Select from pages 12-14	Select from P2 Exit Device Function chart above				E: 24 - 32"; F: 33 - 36"; J: 37 - 42"; G: 43 - 48"	ET followed by lever designation from pages 6-8	Select from page 6	RHR or LHR	If supplied, rails will be cut to size
Example:		KP-P2-8878			F	ETL	03	RHR	34"

### How to Order: Passport 1000 P2 Exit Devices with multiCLASS SETM Reader

Options	Series	Type	Function	Technology	Rail Size	ET Trim/ Lever	Finish	Hand	Door Width
Select from pages 12-14	Select from P2 Exit Device Function chart above				E: 24 - 32"; F: 33 - 36"; J: 37 - 42"; G: 43 - 48"	ET followed by lever designation from pages 6-8	Select from page 6	RHR or LHR	If supplied, rails will be cut to size
Example:		P2-8878-IKMPS			F	ETL	32D	RHR	36"

Copyright © 2008-2014, Sargent Manufacturing Company, an ASSA ABLOY Group company. All rights reserved. Reproduction in whole or in part without the express written permission of Sargent Manufacturing Company is prohibited.

90666:F 1/27/14



# Exit Device Retrofit Kits

## Passport 1000 P2



**SARGENT®**

**ASSA ABLOY**

Add the advanced access control capabilities of Passport 1000 to existing exit devices. Our retrofit kits make it easy to upgrade your campus security without the hassle and expense of replacing the entire exit device.

### Retrofit Kits for Von Duprin® 98/99 Series Rim Exit Devices

#### Features:

- Key override compatible with a variety of rim cylinders. Trim prepped for cylinder (not included).
- Available with all Passport 1000 P2 credential options
- Provides complete coverage of door prep for Von Duprin 996 trim; call 800-810-WIRE for information on door prep coverage for other trims
- Available with Studio Collection, Coastal Series, and all standard levers
- Available in the same finishes as Passport 1000 exit devices with ET trim (see page 6)
- Mechanical trim available for double door applications. Refer to accessories page (page 11) for ordering information.

#### Specifications:

- Meets ANSI/BHMA Grade 1 requirements
- UL/ULC Listed for fire doors\*
- Requires Von Duprin RX switch assembly #050251-00 (supplied by others)

#### Passport 1000 P2

If the retrofit kit needs to have:	Then select:			
	Technology	Series	Function	Outside Trim
Magnetic Stripe only		P2	231	EK1
Magnetic Stripe & Keypad	KP	P2	231	EK1
	Series	Function	Outside Trim	Technology
iCLASS, keypad, mag stripe, Prox, smart card (MIFARE, DESFIRE)	P2	231	EK1	IKMPS
iCLASS, mag stripe, Prox, smart card (MIFARE, DESFIRE)	P2	231	EK1	IMPS
FeliCa, keypad, mag stripe, Prox	P2	231	EK1	CKMP
FeliCa, mag stripe, Prox	P2	231	EK1	CMP

### How to Order: Passport 1000 P2 Exit Device Retrofit Kits with Magnetic Stripe Only or Magnetic Stripe and Keypad

Technology	Series	Function	Outside Trim	Levers	Finish	Hand
Select from P2 Retrofit Kit Function chart above				Select lever and finish from pages 6-8		RHR or LHR
KP-P2-231 x EK1				G	26D	LHR

### How to Order: Passport 1000 P2 Exit Device Retrofit Kits with multiCLASS SE™ Reader

Series	Function	Technology	Outside Trim	Levers	Finish	Hand
Select from P2 Retrofit Kit Function chart above				Select lever and finish from pages 6-8		RHR or LHR
P2-231 x IKMPS x EK1				G	26D	LHR

\* 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.



# Finishes, ET Trim and Handing

## Passport 1000 P2



**SARGENT®**  
**ASSA ABLOY**

Passport 1000 P2 products are available with the following identified lever designs to provide uniformity throughout a facility. Lever projection from door surface varies with lock type. P2 mortise locks and cylindrical locks are specified by rose design followed by the lever designation (e.g., LNMX). P2 Exit devices are specified by the ET designation followed by the lever designation (e.g., ETMX).

**Note: Exit devices are only available with ET Trim**

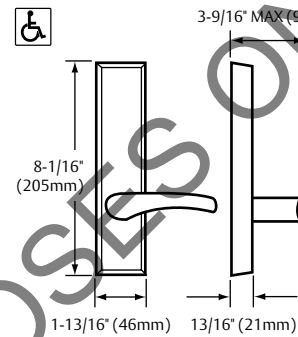
### Finishes

SARGENT offers many different finishes for P2 products. Please reference the chart below for finishes available.

	Finishes	ANSI	Mortise Locks	Cylindrical Locks	Exit Devices
03	Bright brass	605	X	X	X
04	Satin brass	606	X	X	X
09	Bright bronze	611	X	X	X
10	Satin bronze, clear powder	612	X	X	X
10B	Oxidized satin bronze oil rubbed	613	X	X	X
10BE	Dark oxidized satin bronze - equivalent		X	X	X
10BL	Oxidized satin bronze, clear power coat	—	X	X	X
14‡	Bright nickel, clear coated	618	X	X	X
15‡	Satin nickel, clear coated	619	X	X	X
20D	Dark statuary bronze, clear powder coat	—	X	X	X
26‡	Bright chrome	625	X	X	X
26D‡	Satin chrome	626	X	X	X
32∞	Bright stainless steel	629	X	—	X
32D∞	Satin stainless steel	630	X	—	X

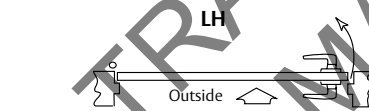
‡ Exit Devices ordered in 32 or 32D will have the ET trims supplied in 26 or 26D; for nickel finished ET trims, specify 14 or 15 finish and the exit will be supplied in 32 or 32D accordingly  
∞ Only available with exit devices, the external trim will be supplied in 26 or 26D accordingly

### ET Lever Trim for Exit Devices



The 700 Series ET and Lever Control is the external trim with all P2-80 Series exit devices  
ET Escutcheons and levers are plated brass  
Stainless steel levers are available

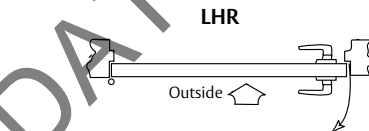
### Handing



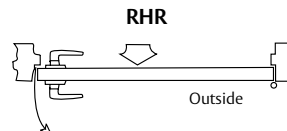
Left Hand Door



Right Hand Door



Left Hand Reverse Door



Right Hand Reverse Door



# Standard and Coastal Series Levers, Finishes, ET Trim and Handing

## Passport 1000 P2



**SARGENT®**  
**ASSA ABLOY**

Passport 1000 P2 products are available with the following identified lever designs to provide uniformity throughout a facility. Lever projection from door surface varies with lock type. P2 mortise locks and cylindrical locks are specified by rose design followed by the lever designation (e.g., LNMX). P2 Exit devices are specified by the ET designation followed by the lever designation (e.g., ETMX).

### Levers

Standard Levers					
Lever	Design	Handed	Mortise Locks	Cylindrical Locks	Exit Devices
A		Yes	X		X
B		–	X	X	X
E		–	X		X
F		–	X		X
J		–	X	X	X
L		–	X	X	X
P		–	X	X	X
W		–	X		X

Coastal Levers					
Lever	Design	Handed	Mortise Locks	Cylindrical Locks	Exit Devices
C		–	X		X
G		Yes	X	X	X
R		–	X		X
S		Yes	X		X
Y		Yes	X	X	X

Note: P2-8200 mortise locks with Coastal Series levers are available with CR & TR roses (Not available with LN, O, CO & TO roses)

Note: P2-8200 mortise locks with standard levers are available with LN and O roses only (not available with CO, CR, TO & TR roses)

### Roses

Roses	Design	Diameter	Mortise Locks	Cylindrical Locks
LN		2"	X	
CR		2-3/16"	X	
TR		2-3/16"	X	
O		2-3/4"	X	
E2		2-11/16"	X	

Roses	Design	Diameter	Mortise Locks	Cylindrical Locks
E3		2-1/16"	X	
CO		2-3/4"	X	
TO		2-3/4"	X	
L		3-1/2"		X
G		3-1/2"		X

### Thumbturns

The thumbturn backplate will match the rose design chosen. The turn designation must be specified as an option before the lock order string.  
\*The standard thumbturn will be supplied if T1, T2 or T3 are not listed. See page 8 in the 8200 mortise lock catalog for more information.

T1 Turn



T2 Turn



T3 Turn



Standard Turn\*



# Studio Collection Levers

## Passport 1000 P2



**SARGENT®**

**ASSA ABLOY**

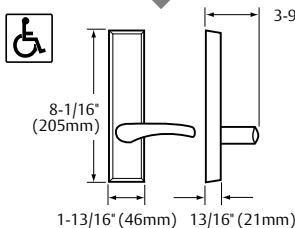
Studio Collection Levers are available with the 8200 Series Mortise Locks. With Exit Device, the Studio Collection is available with the ET trim creating uniformity throughout a facility.

Aventura Series				
Lever	Design	Handed	Mortise Locks	Exit Devices
MB		–	X	X
ME		–	X	X
MF		–	X	X
NF*		–	X	X
MG		–	X	X
MI		–	X	X
NI*		–	X	X
MW*		–	X	X
Odeon Series				
MN**		Yes	X	X
MH		Yes	X	X
MK**		Yes	X	X
MS		Yes	X	X
MU		Yes	X	X
MV		Yes	X	X
NS*		Yes	X	X
NU*		Yes	X	X
MX*		Yes	X	X

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

\*\* Gramercy levers are customized. Refer to page 8 for ordering information.

### ET Lever Controls for Exit Devices



The 700 Series ET and Lever Control is the external trim with all Profile 80 Series exit devices  
ET Escutcheons and levers are plated brass  
Stainless steel levers are available

Notting Hill Series				
Lever	Design	Handed	Mortise Locks	Exit Devices
MQ		Yes	X	X
MT**		Yes	X	X
MM		Yes	X	X
MY*		Yes	X	X
Rialto Series				
MO		Yes	X	X
MZ*		Yes	X	X
Centro Levers				
MD		–	X	X
MJ		–	X	X
MP**		–	X	X
ND*		–	X	X
NJ*		–	X	X
Gramercy Levers**				
RCM**		–	X	X
RAL**		–	X	X
REM**		–	X	X
RAM**		–	X	X
RAS**		–	X	X
RAW**		–	X	X
RAC**		–	X	X
RGM**		–	X	X

# Ordering Gramercy Series Levers

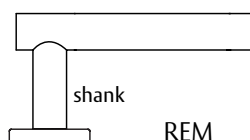
Passport 1000 P2



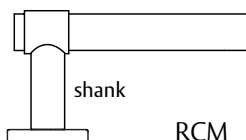
**SARGENT®**

**ASSA ABLOY**

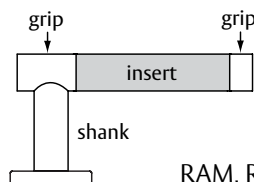
## Elements of Gramercy Series Levers



REM



RCM



RAM, RAW, RAS, RAL

Lever	Part Number	Shank Finish*	Insert	Grip Finish
Plain†	REM	Polish Stainless (629) or Satin Stainless (630)	n/a	Polish Stainless (629) or Satin Stainless (630)
With Raised Band	RCM	Polished Stainless (629)	n/a	Polish Stainless (629) or Satin Stainless (630)
With Metallic Insert	RAM	Polished Stainless (629)	Satin Stainless (630)	Polished Stainless (629)
With Wood Insert†	RAW	Polished Stainless (629) or Satin Stainless (630)	Birch (BH)	Polish Stainless (629) or Satin Stainless (630)
With Santoprene Insert†	RAS	Polished Stainless (629) or Satin Stainless (630)	Black (BK)	Polish Stainless (629) or Satin Stainless (630)
With Leather Insert†	RAL	Polished Stainless (629) or Satin Stainless (630)	Black (BK) or Brown (BN)	Polish Stainless (629) or Satin Stainless (630)

\* Rose finish is designated by shank finish selected, escutcheon finish will be 14 or 15 finish accordingly

† Grip finish must match shank finish

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

## How to Order: P2- Mortise Lock with Gramercy Levers

Options	Series/Type	Function	Technology	Rose	Lever	Shank Finish*	Insert Finish	Grip Finish	Hand
select from pages 12-14	P2-82	select from page 2	Select from page 2	select from below	Leather insert	polished or satin stainless	Black or Brown	polished or satin stainless	RHR, RH, LHR, or LH
10-	P2-82	276	IKMPS	LN	RAL	29	BN	29	RH

## How to Order: P2- Exit Device x Gramercy Levers

Options	Series	Type	Function	Technology	Rail Size	Trim	Lever	Shank Finish*	Insert Finish	Grip Finish	Hand	Inside Finish	Door Width
select from pages 12-14			Select from page 4		E, F, J or G	ET Series	Leather insert	polished or satin stainless	select from above	polished or satin stainless	RHR or LHR	select from page 6	
10-	P2-	88	77	IKMKPS	F	ET	RAL	29	BN	29	RHR	32D	36"

### Lock Management Tool

Lock Management Tool™ allows programming, interrogation and overall management from a centralized location for up to 50 doors. The application facilitates communication from a computer to the lockset via Local Area Network (LAN) infrastructure. Lock Management Tool allows an administrator to establish multiple user types, time zones, holidays, user groups, auto-unlock periods and to obtain transaction history from all locks connected to the system. The Lock Management Tool consists of a server based installation (a small workstation will be sufficient) with all of the daily administration and configuration being done through a web browser. A local client on the server can be used for more complex configuration tasks.

### Lock Management Tool (P/N WFCD2 or WFCD3) Features

- Password protected database
- User database size based on local hardware configuration
- Allows for creation of user groups
- Easy to follow data entry
- Real-time clock with date and time
- Sixteen different time zones
- Holiday support (lock supports 32 unique holidays)
- Auto-unlock schedule with or without "first in" unlock
- Allows viewing of system wide events and history (total number of events based on local hardware configuration)– includes event type, date, time, user ID and name
- Configurable for all major HID® 125 kHz prox or 13.56 MHz iCLASS® card formats
- Scheduler utility to establish lock communication at pre-defined intervals
- User manual included
- Browser-based user interface
- Simple drag-and-drop configurations
- Basic alarm monitoring

Please note that LMT does not lockdown or door status information.



### Hardware and Software Requirements

#### Hardware

- Memory: 2 GB minimum, 4 GB+ recommended
- Storage: 20 GB free hard disk space
- Processor: Dual Core/(min Pentium IV w/HT) @ 2GHz (or equivalent) or faster
- Screen: 800 x 600 required; 1024 x 768 Recommended
- Network Card required
- CD-ROM required
- RS232 Serial Port (DB9)

#### Operating System:

- Windows XP 32bit, Server 2003 32bit, Vista 32/64bit, Windows 7 32/64bit, or Windows Server 2008/2008R2

**Note:** IP address must be assigned by authorized network administrator and PC must utilize a static IP address

### Integration Tools for ASSA ABLOY Locks

SARGENT Profile Series IP locks are managed by a range of access control and security systems. For more information on which systems support SARGENT IP locks, please contact your local ASSA ABLOY Door Security Solutions office, [www.assaabloydss.com](http://www.assaabloydss.com). To learn more about how to integrate these and other ASSA ABLOY products with your system, please call 800-810-WIRE.

### 52-5373 Door Position Switch (DPS)

- SPST concealed switch (2 wire)
- Metal Door adapter included
- 3/8" Diameter for wood door
- 3/4" Diameter for metal door
- Supplied with P2 Exit Devices and Bored Locks



# Replacement Parts

## Passport 1000 P2



**SARGENT®**  
**ASSA ABLOY**

Passport 1000 P2 WiFi Mortise Lock Replacement Parts	
Part No.	Description
52-3583-5627	Outside escutcheon assembly, mag stripe
52-3582-5627	Outside escutcheon assembly, mag stripe and keypad
52-4759-5627	Outside escutcheon assembly, iCLASS, keypad, mag stripe, Prox, smart card (MIFARE, DESFIRE)
52-4777-5627	Outside escutcheon assembly, iCLASS, mag stripe, Prox, smart card (MIFARE, DESFIRE)
52-4787-5627	Outside escutcheon assembly, FeliCa, keypad, mag stripe, Prox
52-4788-5627	Outside escutcheon assembly, FeliCa, mag stripe, Prox
52-5409-0000	WiFi controller assembly
52-4796-0000	WiFi radio module
52-4779-0000	Mounting plate assembly
52-4776-5627	Inside escutcheon assembly with privacy button
P2-82276-26D	Lockbody with deadbolt and cylinder
P2-82277-26D	Lockbody with deadbolt, without cylinder
P2-82278-26D	Lockbody without deadbolt, with cylinder
P2-82279-26D	Lockbody without deadbolt, without cylinder
Passport 1000 P2 Cylindrical Lock Replacement Parts	
Part No.	Description
52-3583-5627	Outside escutcheon assembly, mag stripe
52-3582-5627	Outside escutcheon assembly, mag stripe and keypad
52-4759-5627	Outside escutcheon assembly, iCLASS, keypad, mag stripe, Prox, smart card (MIFARE, DESFIRE)
52-4777-5627	Outside escutcheon assembly, iCLASS, mag stripe, Prox, smart card (MIFARE, DESFIRE)
52-4787-5627	Outside escutcheon assembly, FeliCa, keypad, mag stripe, Prox
52-4788-5627	Outside escutcheon assembly, FeliCa, mag stripe, Prox
52-5409-0000	WiFi controller assembly
52-4796-0000	WiFi radio module
52-4779-0000	Mounting plate assembly
52-4776-5627	Inside escutcheon assembly with privacy button
52-5373-0000	Door position switch kit
10-3407-5400	Lockbody - standard cylinder
10-3412-5400	Lockbody - LFIC
10-3417-5400	Lockbody - SFIC
Passport 1000 P2 Rim Exit Device Replacement Parts	
Part No.	Description
52-3583-5627	Outside escutcheon assembly, mag stripe
52-3582-5627	Outside escutcheon assembly, mag stripe and keypad
52-4759-5627	Outside escutcheon assembly, iCLASS, keypad, mag stripe, Prox, smart card (MIFARE, DESFIRE)
52-4777-5627	Outside escutcheon assembly, iCLASS, mag stripe, Prox, smart card (MIFARE, DESFIRE)
52-4787-5627	Outside escutcheon assembly, FeliCa, keypad, mag stripe, Prox
52-4788-5627	Outside escutcheon assembly, FeliCa, mag stripe, Prox
52-5409-0000	WiFi controller assembly
52-4796-0000	WiFi radio module
52-4779-0000	Mounting plate assembly
52-4776-5627	Inside escutcheon assembly with privacy button
52-5373-0000	Door position switch kit
97-3562-5126	Exit trim (ET) with cylinder
97-3563-5126	Exit trim (ET) without cylinder
52-3891-5000	Motor assembly
Passport 1000 P2 Mortise Exit Device Replacement Parts	
Part No.	Description
52-3583-5627	Outside escutcheon assembly, mag stripe
52-3582-5627	Outside escutcheon assembly, mag stripe and keypad
52-4759-5627	Outside escutcheon assembly, iCLASS, keypad, mag stripe, Prox, smart card (MIFARE, DESFIRE)
52-4777-5627	Outside escutcheon assembly, iCLASS, mag stripe, Prox, smart card (MIFARE, DESFIRE)
52-4787-5627	Outside escutcheon assembly, FeliCa, keypad, mag stripe, Prox
52-4788-5627	WiFi controller assembly
52-5409-0000	WiFi controller assembly
52-4796-0000	WiFi radio module
52-4779-0000	Mounting plate assembly
52-4776-5627	Inside escutcheon assembly with privacy button
52-5373-0000	Door position switch kit
97-3558-5126	Exit trim (ET) with cylinder
97-3559-5126	Exit trim (ET) without cylinder
52-3891-5000	Motor assembly

# Mechanical Options

## Passport 1000 P2



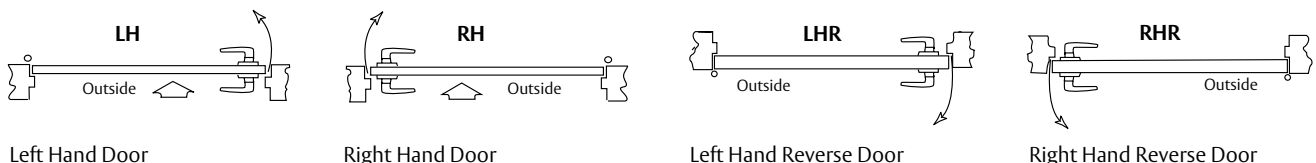
**SARGENT®**  
**ASSA ABLOY**

To order options listed below, list the alpha or numerical code before the product model number

### Mechanical Options:

Add Strength	3-	Stainless steel hubs for institutional specifications (mortise locks only)
Fire Rated	12-	UL Fire Label Exit hardware (exit devices only, not available with 16- & HK-)
Cylinder Dogging	16-	Cylinder lockdown (non-fire rated exit devices only)
	LD-	Less hex key dogging (non-fire rated exit devices only)
Less Touch Pad	19-	Pushbar without Lexan touchpad (exit devices only)
10 Line Backsets	23-	3-3/4" Backset x 2-1/4" x 1-1/8" Front (10 Line only)
	25-	5" Backset x 2-1/4" x 1-1/8" Front (10 Line only)
Strike Options	23-	4-7/8" (124mm) ANSI flat lip strike (8900 mortise lock exit device & mortise locks only)
	28-	4-7/8" Strike #808. Lip length 1-1/4" (10 Line only)
	OBS-	Open Back Strike (for 82278 & 82279 only)
	WBS-	Wrought Box Strike (Not available for 80 series)
Security Fasteners	36-	Six lobe security head screws
	37-	Spanner head screws
3/4" Latch Throw	41-	3/4" (19mm) throw latch x 2-3/4" (70mm) backset (10 Line only)
Flush End cap	43-	Flush End Cap (exit devices only)
Tactile Warning Options	75-	Tactile Warning - Milled Inside Lever (Not available with Exit Devices, Studio & Coastal Levers and the A Lever)
	76-	Tactile Warning - Milled Outside Lever (Not available with Studio & Coastal Levers and the A Lever)
	77-	Tactile Warning - Milled Inside & Outside Lever (Not available with Exit Devices, Studio & Coastal Levers and the A Lever)
	85-	Tactile Warning - Abrasive Coating on Inside Lever (or Push Rail for Exits)
	86-	Tactile Warning - Abrasive Coating on Outside Lever
	87-	Tactile Warning - Abrasive Coating on Outside Lever & Inside Lever (or Push Rail for Exits)
Finish Protection	CPC-	Clear Powder Coat (Available for 26, 26D, 32 & 32D Finishes)
	SG-	MicroShield® antimicrobial clear powder coat
SARGuide	PL-	SARGuide™ PL - Photoluminescent Coated Push Rail - (Touchpad eliminated) (Not available 75-, 77 & TL-)
Hurricane-Resistant exit devices	HC-	Hurricane Code (rim exit devices only, see page 12 for details)
	WS-	Windstorm Rated (rim & mortise lock exit devices only, see page 12 for details)
Electrical Options	91-	Power/Remote Unlocking wiring harness

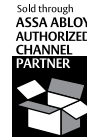
### Handing





# Cylinder Options

## Passport 1000 P2



To order options listed below, list the alpha or numerical code before the product model number

### Cylinder Options:

Degree Key System	DG1-	SARGENT Degree Key System Level 1
	DG1-21-	Degree Level 1 Construction Master Keying
	DG1-60-	Degree Level 1 Removable Disposable Construction Core (not available with cylindrical locks)
	DG1-63-	Degree Level 1 Removable Core (not available with cylindrical locks)
	DG1-64-	Degree Level 1 Removable Construction Keyed LFIC (not available with cylindrical locks)
	DG1-65-	Degree Level 1 Unassembled/Uncombined Core
	DG1-78-	Degree Level 1 Exposed Plug (not available with cylindrical locks or exit devices)
	DG2-	SARGENT Degree Key System Level 2
	DG2-21-	Degree Level 2 Construction Master Keying
	DG2-60-	Degree Level 2 Removable Disposable Construction Core (not available with cylindrical locks)
	DG2-63-	Degree Level 2 Removable Core (not available with cylindrical locks)
	DG2-64-	Degree Level 2 Removable Construction Keyed LFIC (not available with cylindrical locks)
	DG2-65-	Degree Level 2 Unassembled/Uncombined Core
	DG2-78-	Degree Level 2 Exposed Plug (not available with cylindrical locks or exit devices)
	DG3-	SARGENT Degree Key System Level 3
	DG3-21-	Degree Level 3 Construction Master Keying
	DG3-60-	Degree Level 3 Removable Disposable Construction Core (not available with cylindrical locks)
	DG3-63-	Degree Level 3 Removable Core (not available with cylindrical locks)
Signature Key System	10-	SARGENT Signature Key System (Not Available with other Key Systems)
	10-21-	SARGENT Signature Construction Key System (Lost Ball)
	10UL-	SARGENT Signature UL437 Key System (Not Available with other Key Systems)
Signature Large Format Interchangeable Core	10-63-	SARGENT Signature Large Format Interchangeable Core (Removable Core) Cylinder
XC- Key System	11-	XC Key System (not available with 10-, 10UL-, 22-)
	11-21-	XC- Construction Key System (Lost Ball)
XC- Large Format Interchangeable Core	11-60-	Hardware to accept XC- Permanent LFIC (Removable Core), Disposable Plastic Core- provided
	11-63-	Hardware provided with XC- LFIC (Removable Core) Cylinder - (Includes masterkeying, grand masterkeying)
	11-64-	Hardware provided with Keyed construction core to accept XC- LFIC (Removable) Permanent Core (ordered separately)
XC- Interchangeable Cores	11-70-7P-	Hardware to accept XC- SFIC ( 7-Pin) XC- Permanent Cores, Plastic Disposable Core Provided (10 Line J lever not available)
	11-72-7P-	Hardware to accept XC- SFIC (7-Pin Keyed Construction Core provided) cylinder Permanent Core ordered separately (10 Line J lever not available)
	11-73-7P-	Hardware supplied with XC- Small Format 7-Pin interchangeable core (Includes masterkeying, grand masterkeying) (10 Line J lever not available)
	11-65-73-7P-	Hardware provided to accept XC- Uncombined 7-Pin SFIC (Permanent) Core (10 Line J lever not available)

**Note:** More Cylinder Options on the following page

# Cylinder Options & Shipping Information

## Passport 1000 P2



To order options listed below, list the alpha or numerical code before the product model number

### Cylinder Options:

Construction Key Systems	<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-)
Old Style Removable Core	<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)
Large Format Interchangeable Core	<b>60-</b>	Hardware to accept SARGENT Permanent LFIC (Removable Core), Disposable Plastic Core provided (Permanent Cores ordered separately)
	<b>63-</b>	Hardware provided with LFIC (Removable Core) Cylinder - (Includes masterkeying, grand masterkeying)
	<b>64-</b>	Hardware provided with Keyed construction core to accept LFIC (Removable) Permanent Core (ordered separately)
Interchangeable Cores	<b>70-</b>	Hardware to accept 6 or 7-Pin SFIC Permanent Cores, Plastic Disposable Core provided (10 Line J lever not available)
	<b>72-</b>	Hardware to accept 6 or 7-Pin SFIC (Keyed Construction Core provided) Cylinder (10 Line J lever not available) (Permanent Core ordered separately)
	<b>73-</b>	Hardware supplied with 6 pin SFIC (Includes masterkeying, grand masterkeying) (10 Line J lever not available)
	<b>65-73-</b>	Hardware provided to accept Uncombined 6-Pin SFIC (Permanent) Core (10 Line J lever not available)
	<b>65-73-7P-</b>	Hardware provided to accept Uncombined 7-Pin SFIC (Permanent) Core (10 Line J lever not available)
	<b>73-7P-</b>	Hardware supplied with Small Format 7-Pin Interchangeable Core (Includes masterkeying, grand masterkeying) (10 Line J lever not available)
Keso & Keso F1	<b>81-</b>	Hardware provided with housings to accept Keso (83) & Keso F1 (F1-83-) removable cores (Not available with 10 Line) (Permanent Cores ordered separately)
	<b>82-</b>	Hardware provided with SARGENT Keso Security Cylinder
	<b>F1-82-</b>	Hardware provided with SARGENT Keso F1 Security Cylinder (Patented)
	<b>83-</b>	Hardware supplied with SARGENT Keso Security Removable Core cylinder (Not available with 10 Line)
	<b>F1-83-</b>	Hardware supplied with SARGENT Keso F1 Security Removable Core cylinder (Not available with 10 Line) (Patented)
	<b>84-</b>	Hardware provided with SARGENT Keso Construction Cores (Not available with 10 Line) (Permanent Cores ordered separately)
Bump Resistant	<b>BR-</b>	Bump Resistant Cylinder (Available with Conventional & Conventional XC Cylinders Only)
Less Cylinder	<b>LC-</b>	Hardware supplied less cylinder
Accept Schlage Cylinders	<b>30-</b>	Lever to accept Schlage Cylinder-Cylinder is not provided (10 Line only)
	<b>SF-</b>	L Lever to accept Medeco KeyMark Large Format Interchangeable and Schlage Full Size Interchangeable Core (10 Line only)
Schlage Keyways	<b>SC-</b>	Schlage C keyway cylinder, 0 bitted (Not available with 8900 Series Exit devices)
	<b>SE-</b>	Schlage E keyway cylinder, 0 bitted (Not available with 8900 Series Exit devices)

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

Hardware	Shipping Weight	Pc. Count/Carton
P2-82276 x lever trim (with cylinder & DB)	11.7 lbs (5.3 kg)	1/carton
P2-82278 x lever trim (with cylinder)	11.2 lbs (5.1 kg)	1/carton
P2-82277 x lever trim (w/o cylinder & w/ DB)	11.2 lbs (5.1 kg)	1/carton
P2-82279 x lever trim (w/o cylinder & DB)	10.7 lbs (4.9 kg)	1/carton
P2-10G77 with lever	10.1 lbs (4.6 kg)	1/carton
P2-8977 with ET	23.0 lbs (10.4 kg)	1/carton
P2-8877 with ET	21.0 lbs (9.5 kg)	1/carton

# UL Listed Hurricane-Resistant Certifications & Florida Building Codes

## Passport 1000 P2



**SARGENT®**  
**ASSA ABLOY**

SARGENT Manufacturing Company offers a wide variety of products that meet building codes requiring Hurricane-Resistant certification. SARGENT products are independently tested to meet the requirements of the building codes as specified by the Florida Building Code, Miami Dade Code Requirements and in the International Building Code. Listed below are certifications and the test standards met by these products.

### Passport 10 Line cylindrical locks are UL Certified and Listed on the Florida Building Code Website for Hurricane-Resistant hardware:

- UL Listed per ANSI/SDI-BHMA A250.13
- ANSI/ASTM E330-2002
- ANSI/ASTM E1886-2005
- ASTM E1996-2009
- Testing Application Standard (TAS) 201\*
- Testing Application Standard (TAS) 202\*
- Testing Application Standard (TAS) 203\*
- \* published in the Florida Building Code for use in the High Velocity Hurricane Zone (HVHZ)
- UL Certification Directory ZHEM.R21744 Latching Hardware
- UL Certification Directory ZHLL.R21744 Windstorm-rated Assemblies
- Listed on Florida Building Code Website for Hurricane-resistance: FL6728-R1
- Listed on Florida Building Code Website for Hurricane-resistance: FL4351-R1

### Passport 8200 Series mortise locks are UL Certified and Listed on the Florida Building Code Website for Hurricane-Resistant hardware:

- UL Listed per ANSI/SDI-BHMA A250.13
- ANSI/ASTM E330-2002
- ANSI/ASTM E1886-2005
- ASTM E1996-2009
- Testing Application Standard (TAS) 201\*
- Testing Application Standard (TAS) 202\*
- Testing Application Standard (TAS) 203\*
- \* published in the Florida Building Code for use in the High Velocity Hurricane Zone (HVHZ)
- UL Certification Directory ZHEM.R21744 Latching Hardware
- UL Certification Directory ZHLL.R21744 Windstorm-rated Assemblies
- Listed on Florida Building Code Website for Hurricane-resistance: FL6728-R1
- Listed on Florida Building Code Website for Hurricane-resistance: FL4351-R1

### Passport HC-8800 rim exit devices are UL Certified and Listed on the Florida Building Code Website for Hurricane-Resistant hardware:

- Passport HC8800 for single and double door applications; 8-0 max opening
- UL Listed per ANSI/SDI-BHMA A250.13
- ANSI/ASTM E330-2002
- ANSI/ASTM E1886-2005
- Testing Application Standard (TAS) 201\*
- Testing Application Standard (TAS) 202\*
- Testing Application Standard (TAS) 203\*
- \* published in the Florida Building Code for use in the High Velocity Hurricane Zone (HVHZ)
- UL Certification Directory ZHEM.R21744 Latching Hardware
- UL Certification Directory ZHLL.R21744 Windstorm-rated Assemblies
- Listed on Florida Building Code Website for Hurricane-resistance: FL2998-R2

### Passport WS-8800 rim exit devices are UL Certified and Listed on the Florida Building Code Website for Hurricane-Resistant hardware:

- Passport WS8800 for Single Hollow Metal 1-3/4" Thick Doors applications; 3'0" x 7'0" Max. Door with 6" Min Stile
- UL Listed per ANSI/SDI-BHMA A250.13
- ANSI/ASTM E330-2002
- ANSI/ASTM E1886-2005
- ASTM E1996-2009
- Testing Application Standard (TAS) 201\*
- Testing Application Standard (TAS) 202\*
- Testing Application Standard (TAS) 203\*
- \* published in the Florida Building Code for use in the High Velocity Hurricane Zone (HVHZ)
- UL Certification Directory ZHEM.R21744 Latching Hardware
- Listed on Florida Building Code Website for Hurricane-resistance: FL4351-R1

### Passport WS-8900 mortise lock exit devices are UL Certified and Listed on the Florida Building Code Website for Hurricane-Resistant hardware:

- Passport WS8900 available for Single Hollow Metals Doors applications for 1-3/4" Thick door, 3'0" x 7'0" Max. Door with 6" Min Stile
- UL Listed per ANSI/SDI-BHMA A250.13
- ANSI/ASTM E330-2002
- ANSI/ASTM E1886-2005
- ASTM E1996-2009
- Testing Application Standard (TAS) 201\*
- Testing Application Standard (TAS) 202\*
- Testing Application Standard (TAS) 203\*
- \* published in the Florida Building Code for use in the High Velocity Hurricane Zone (HVHZ)
- UL Certification Directory ZHEM.R21744 Latching Hardware
- Listed on Florida Building Code Website for Hurricane-resistance: FL4351-R1

# Architectural Specifications

## Passport 1000 P2



**SARGENT®**  
**ASSA ABLOY**

### 1.1 Passport 1000 P2 10 Line Series Cylindrical Locksets

#### Intelligent WiFi Access Control Cylindrical Locks

- A. WiFi Access Control Cylindrical Locks to be 10-Line Series as manufactured by SARGENT Manufacturing of New Haven, CT.
- B. BHMA certified extra heavy duty, lever type cylindrical lock conforming to ANSI 156.2 Series 4000, Grade 1 standard and ANSI A117.1 accessibility guidelines. Motorized locking control of lever handle trim (solenoids not acceptable) with ½" anti-friction deadlocking latch, UL listed and labeled for up to 3 hour fire rated openings.
1. Backset: 2-3/4 inches
- C. WiFi access control locking devices interface using field replaceable IEEE 802.11 b/g/n, 2.4 GHz wireless radio connection to an Ethernet Local Area Network (LAN) facilitating centralized control via a Software Development Kit (SDK). Locks will continue to operate independent of Ethernet (LAN) wireless connection slowdown or failure.
1. Provide access control products with non-volatile memory.
- D. Supports WEP, WPA, WPA2 and 802.1x wireless encryption (IEEE 802.11 b/g/n, 2.4 GHz). AES 128 encrypted communication between IP Enabled lock and electronic access control system platform via SDK. Programmable time zone periods, blocked holidays, automatic unlock with or without first entry, minimum of 2,400 user codes and the ability to audit the last 10,000 transactions (event type, date, time, user ID and name). Distributed intelligence allows

stand alone functional operation of lock in absence of network communication or slowdown allowing for system operational redundancy.

- E. Integrated reader supports High Coercivity (HiCo) magnetic swipe credentials, HID@ 125 kHz proximity credentials or ISO 14443 A/B and ISO 15693 13.56 MHz contactless credentials: HID@ iCLASS / iCLASS SE (full authentication, all formats), MIFARE Classic and DESFire EV1 (full authentication, all formats); NFC (Near Field Communications) and HID@ SIO-Enabled™.
1. Valid/ Invalid credential presentation viewable by means of LED indicators on outside escutcheon.
2. Dual factor keypad authentication function optional.
- F. Environmental Conditions: Conformally coated weather resistant electronic controller shall meet the following minimum requirements:
1. Operating temperature: -13°F (-25°C) to 151°F (66°C)
2. Operating humidity: < 85% non-condensing
3. Weatherized design suitable to withstand harsh environments with a certified rating of IP55
- G. Configuration: Programming of time zone periods, blocked holidays, automatic unlock with or without first entry, and listing 10,000 event transaction history consisting of event type, date, time, user ID and name is required.

1. Provide network and lock configuration CD tool kit for initial lock set-up and programming via USB connection.

- H. Monitoring: Software accessible monitoring (via SDK) of inside lever handle (Request-to-Exit), door position switch (DPS) integral to the lock (door open/closed status), forced door, unknown card, door held open, battery and tamper.

1. Standard privacy function initiated from push button on inside escutcheon and cancelled upon activation of valid Request-To-Exit (REX) or user defined credentials.

- a. Activation of privacy function is indicated by LED notification on inside escutcheon.

- b. Redundant actuation of privacy button does not deactivate privacy mode.

- I. Emergency override access capability by mechanical key cylinder retraction of lock latch bolt without electronic activation necessary.

- J. Inside lever retracts latch bolt.

- K. Power Source: Powered by 6 AA alkaline batteries with LED indication of locked, programming mode and low capacity warning status conditions.

1. Optional hard power by means of 12-24 VDC power supply.

- L. Cylinders: Reference 2.04 Keying for keying requirements

### 2.1 Passport 1000 P2 8200 Series Mortise Locksets

#### Intelligent WiFi Access Control Mortise Locks

- A. WiFi Access Control Mortise Locks to be 8200 Series as manufactured by SARGENT Manufacturing of New Haven, CT.
- B. BHMA certified extra heavy duty, lever type mortise lock conforming to ANSI 156.13 Series 1000, Grade 1 standard and ANSI A117.1 accessibility guidelines. Electronic motorized locking control of lever handle trim (solenoids not acceptable) with 3/4" anti-friction deadlocking latch and 1" case-hardened steel deadbolt. UL listed and labeled for up to 3 hour fire rated openings.
1. Backset: 2-3/4 inches
- C. WiFi access control locking devices interface using field replaceable IEEE 802.11 b/g/n, 2.4 GHz wireless radio connection to an Ethernet Local Area Network (LAN) facilitating centralized control via a Software Development Kit (SDK). Locks will continue to operate independent of Ethernet (LAN) wireless connection slowdown or failure.
1. Provide access control products with non-volatile memory.

- D. Supports WEP, WPA, WPA2 and 802.1x wireless encryption (IEEE 802.11 b/g/n, 2.4 GHz). AES 128 encrypted communication between IP Enabled lock and electronic access control system platform via SDK. Programmable time zone periods, blocked holidays, automatic unlock with or without first entry, minimum of 2,400 user codes and the ability to audit the last 10,000 transactions (event type, date, time, user ID and name). Distributed intelligence allows stand alone functional operation of lock in absence of network communication or slowdown allowing for system operational redundancy.

- E. Integrated reader supports High Coercivity (HiCo) magnetic swipe credentials, HID@ 125 kHz proximity credentials or ISO 14443 A/B and ISO 15693 13.56 MHz contactless credentials: HID@ iCLASS / iCLASS SE (full authentication, all formats), MIFARE Classic and DESFire EV1 (full authentication, all formats); NFC (Near Field Communications) and HID@ SIO-Enabled™.
1. Valid/ Invalid credential presentation

viewable by means of LED indicators on outside escutcheon.

2. Dual factor keypad authentication function optional.

- F. Environmental Conditions: Conformally coated weather resistant electronic controller shall meet the following minimum requirements:

1. Operating temperature: -13°F (-25°C) to 151°F (66°C)

2. Operating humidity: < 85% non-condensing

3. Weatherized design suitable to withstand harsh environments with a certified rating of IP55

- G. Configuration: Programming of time zone periods, blocked holidays, automatic unlock with or without first entry, and listing 10,000 event transaction history consisting of event type, date, time, user ID and name is required.

1. Provide network and lock configuration CD tool kit for initial lock set-up and programming via USB connection.



### 2.1 Passport 1000 P2 8200 Series Mortise Locksets (continued)

- H. Monitoring: Software accessible monitoring (via SDK) of inside lever handle (Request-to-Exit), integral door position switch (DPS) integral to the lock (door open/closed status), forced door, unknown card, door held open, battery and tamper.
1. Standard privacy function initiated from push button on inside escutcheon and cancelled upon activation of valid Request-To-Exit (REX) or user defined credentials.
    - a. Activation of privacy function is indicated by LED notification on inside escutcheon.
    - b. Redundant actuation of privacy button does not deactivate privacy mode.
- I. Emergency override access capability by mechanical key cylinder retraction of lock latch bolt without electronic activation necessary.
- J. Inside lever retracts latch bolt.
- K. Power Source: Powered by 6 AA alkaline batteries with LED indication of locked, programming mode and low capacity warning status conditions.
  1. Optional hard power by means of 12-24 VDC power supply.
- L. Cylinders: Reference 2.04 Keying for keying requirements

### P2 8800/8900 Series Exit Devices

#### Access Control Exit Devices

- A. WiFi Access Control Rim & Mortise Exit Devices to be 80 Series as manufactured by SARGENT Manufacturing of New Haven, CT.
- B. BHMA certified panic and exit device hardware conforming to ANSI 156.3, Grade 1 standard and ANSI A117.1 accessibility guidelines. Electronic motorized locking control of lever handle (solenoids not acceptable) contained completely within the body of the outside trim control. U.L. listed and labeled for either panic or "Fire Exit Hardware" for use on up to 3 hour fire rated openings.
  1. Mortise Exit Devices shall utilize a 3/4" anti-friction deadlocking latch and 1" case-hardened steel deadbolt with a 2-3/4" Backset.
- C. WiFi access control locking devices interface using field replaceable IEEE 802.11 b/g/n, 2.4 GHz wireless radio connection to an Ethernet Local Area Network (LAN) facilitating centralized control via a Software Development Kit (SDK). Locks will continue to operate independent of Ethernet (LAN) wireless connection slowdown or failure.
  1. Provide access control products with non-volatile memory.
- D. Supports WEP, WPA, WPA2 and 802.1x wireless encryption (IEEE 802.11 b/g/n, 2.4 GHz). AES 128 encrypted communication between IP Enabled lock and electronic access control system platform via SDK. Programmable time zone periods, blocked holidays, automatic unlock with or without first entry, minimum of 2,400 user codes and the ability to audit the last 10,000 transactions (event type, date, time, user ID and name). Distributed intelligence allows stand alone functional operation of lock in absence of network communication or slowdown allowing for system operational redundancy.
- E. Integrated reader supports High Coercivity (HiCo) magnetic swipe credentials, HID® 125 kHz proximity credentials or ISO 14443 A/B and ISO 15693 13.56 MHz contactless credentials: HID® iCLASS / iCLASS SE (full authentication, all formats), MIFARE Classic and DESFire EV1 (full authentication, all formats); NFC (Near Field Communications) and HID® SIO-Enabled™.
  1. Valid / Invalid credential presentation viewable by means of LED indicators on outside escutcheon.
  2. Dual factor keypad authentication function optional.
- F. Environmental Conditions: Conformally coated weather resistant electronic controller shall meet the following minimum requirements:
  1. Operating temperature: -13°F (-25°C) to 151°F (66°C)
  2. Operating humidity: < 85% non-condensing
  3. Weatherized design suitable to withstand harsh environments with a certified rating of IP55
- G. Configuration: Programming of time zone periods, blocked holidays, automatic unlock with or without first entry, and listing 10,000 event transaction history consisting of event type, date, time, user ID and name is required.
  1. Provide network and lock configuration CD tool kit for initial lock set-up and programming via USB connection.
- H. Monitoring: Software accessible monitoring (via SDK) of inside push rail (Request-to-Exit), integral door position switch (DPS) integral to the lock (door open/closed status), forced door, unknown card, door held open, battery and tamper.
  1. Standard privacy function initiated from push button on inside escutcheon
- I. Emergency override access capability by mechanical key cylinder retraction of lock latch bolt without electronic activation necessary.
  1. Provide keyed cylinder dogging feature for non-rated panic devices and keyed removable mullions as specified.
- J. Inside push bar retracts latch bolt for free egress.
- K. Power Source: Powered by 6 AA alkaline batteries with LED indication of locked, programming mode and low capacity warning status conditions.
  1. Optional hard power by means of 12-24 VDC power supply.
- L. Cylinders: Reference 2.04 Keying for keying requirements
- and cancelled upon activation of valid Request-To-Exit (REX) or user defined credentials.
  - a. Activation of privacy function is indicated by LED notification on inside escutcheon.
  - b. Redundant actuation of privacy button does not deactivate privacy mode.

**SARGENT®**

**ASSA ABLOY**

FOR TRAINING PURPOSES ONLY  
DATED MATERIAL

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

ASSA ABLOY is the global  
leader in door opening solutions,  
dedicated to satisfying  
end-user needs for security,  
safety and convenience