Simplex® 5000 Specifications

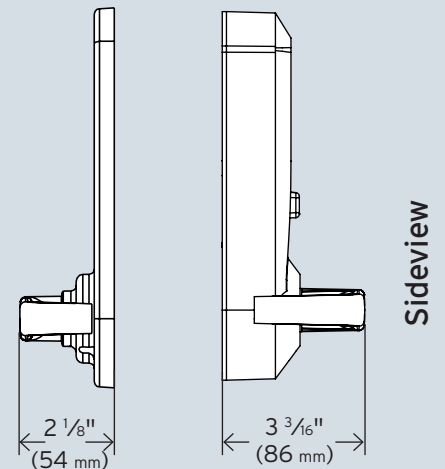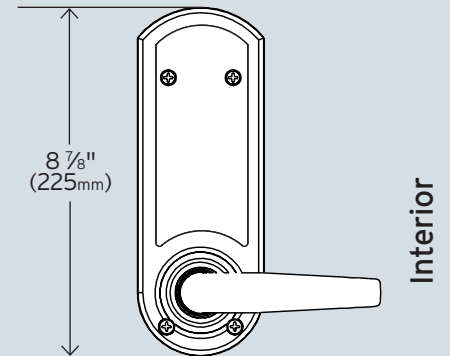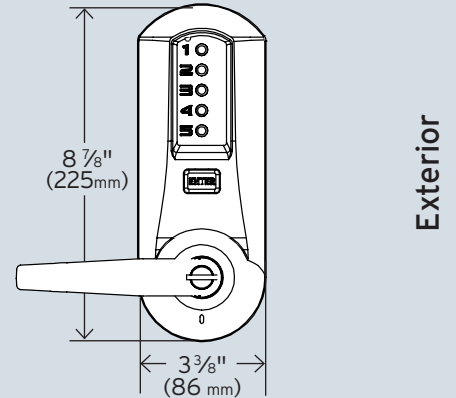

Features

Access Control:	Mechanical pushbutton lock–eliminates problems and costs associated with issuing, controlling, and collecting keys and cards
No Battery:	Fully mechanical lock eliminates the material and labor expense of battery replacements
Number of Codes:	Single access code–one easy to manage code for all users
Programming:	Lock is easily programmed via keypad without removing lock from the door
Handing:	Non-handed, pre-assembled for left-hand door installations–easily changed in the field
Key Override:	Key-in-lever cylinders, small format interchangeable cores, large format removable cores
Operation Modes:	**Simplex 5000 Cylindrical** Single credential–access Passage (select models) **Simplex 5000 Exit Trim** Single credential–access May be "dogged" if exit device allows
Economical:	A cost effective access control solution

Exit Device Compatibility–Simplex 5000 Exit Trim

Arrow S1250	Monarch 18R/F-18R	Sargent 8888
Arrow S3800	Precision 21/FL21	Von Duprin 22/22F
Corbin Russwin 5200/5200A	Sargent 2828	Von Duprin 98/98F
Detex 10/F10	Sargent 3828	Von Duprin 99/99F
Dorma 9300/9300F	Sargent 8800	Yale 7100

Simplex 5000 Cylindrical

Dimensions

Exterior

8 7/8" (225mm)

3 3/8" (86 mm)

Interior

8 7/8" (225mm)

Sideview

2 1/8" (54 mm)

3 3/16" (86 mm)

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Mechanical Features

Construction:	**Simplex 5000 Cylindrical–**Extra heavy-duty; cylindrical lockset; solid cast housings; solid cast levers; wear tested for extensive use on indoor and outdoor applications **Simplex 5000 Exit Trim–**Extra heavy-duty; solid cast housings; solid cast levers; wear tested for extensive use on indoor and outdoor applications
Direct Drive Design:	Clutch free design–minimizes friction and wear
Numeric Keypad:	Vandal resistant, metal pushbuttons
Door Handing:	**Simplex 5000 Cylindrical–**Non-handed, pre-assembled for left-hand door installations–easily changed in the field **Simplex 5000 Exit Trim–**Non-handed, pre-assembled for left-hand door installations–easily changed in the field
Backset:	**Simplex 5000 Cylindrical-**2 $\frac{3}{4}$" (70 mm), 2 $\frac{3}{8}$" (60 mm) backset (optional) **Simplex 5000 Exit Trim–**Varies by exit device
Latch:	**Simplex 5000 Cylindrical-**$\frac{1}{2}$" (13 mm) bolt, $\frac{3}{4}$" (19 mm) bolt (optional) **Simplex 5000 Exit Trim–**compatible with most leading brands of exit devices
Universal Mounting:	**Simplex 5000 Exit Trim–**Universal mounting plate (included) simplifies installation and eliminates any requirement to stock different locks/plates for various exit devices
Minimum Stile Recommended:	5" (127 mm)
Weight:	**Simplex 5000 Cylindrical-**9 lbs. (4.08 kg) **Simplex 5000 Exit Trim-**8 lbs. (3.63 kg)

Key Override

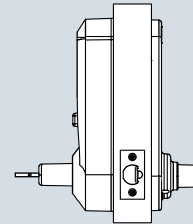|	
Universal Key-in-Lever Cylinders:	Includes Kaba 1599 6-pin cylinder (prepped to Kaba 90 or Schlage C keyway, keyed different) and tailpieces for compatibility with:

Abloy 5277	Kaba Gemini 4730
Abloy 5477	Kaba Gemini 4730
Arrow C100	Marks
ASSA 65611	Medeco 20W200H1
ASSA 65691	Sargent 10 Line
Corbin Russwin 2000-03	Schlage 23-001
Kaba 1539	Schlage Primus 20-760
Kaba 1599	

Australian: Kaba expert 107K5, Boyd KC286
European: Quattro S/Expert, AP2 (5 and 6-pin)

Simplex 5000 Cylindrical

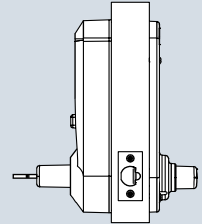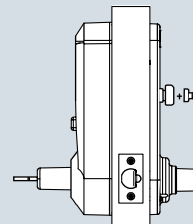## Optional Features

Model 5021
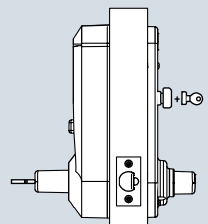

• Key Override

Model 5031

• Key Override
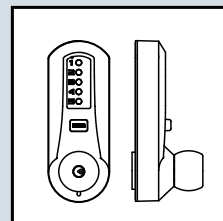• Combination change from secure side (interior) of door

Model 5041

• Key Override
• Passage

Model 5051

• Key Override
• Combination change from secure side (interior) of door

• Knob

Key Override (Continued)

Interchangeable Cores:	Small format—Best and equivalents (6 or 7-pin length)
Removable Cores:	Large format—ASSA/Medeco/Yale (6-pin), Corbin Russwin, Schlage, and Sargent

Installation

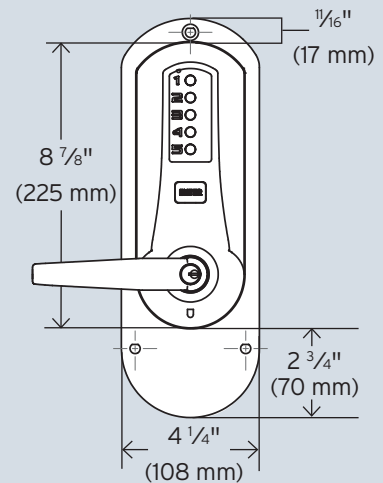|	
Door Preparation:	**Simplex 5000 Cylindrical**—ASA 161 door prep with additional through bore holes (*wood or metal doors*) **Simplex 5000 Exit Trim**—ASA 161 door prep with additional through bore holes (*wood or metal doors*)
Door Thickness:	**Simplex 5000 Cylindrical**-1 $\frac{3}{8}$" (35 mm) to 2 $\frac{1}{4}$" (57 mm). Pre-assembled to accommodate doors 1 $\frac{5}{8}$" (41 mm) to 2" (50 mm) **Simplex 5000 Exit Trim**-1 $\frac{3}{4}$" (44 mm) to 2 $\frac{1}{4}$" (57 mm). Pre-assembled to accommodate doors 1 $\frac{3}{4}$" (44 mm) to 2 $\frac{1}{8}$" (54 mm)
Items Supplied Include:	**Simplex 5000 Cylindrical**—Lock assembly, installation manual, template, and required hardware **Simplex 5000 Exit Trim**—Lock assembly, installation manual, template, and required hardware. (Exit device and mounting hardware not included)
Additional Items Supplied Include:	**Simplex 5000 (Key-in-Lever Models Only)**—Universal Kaba 1599 6-pin cylinder with tailpiece, two nickel silver keys

Certification and Testing

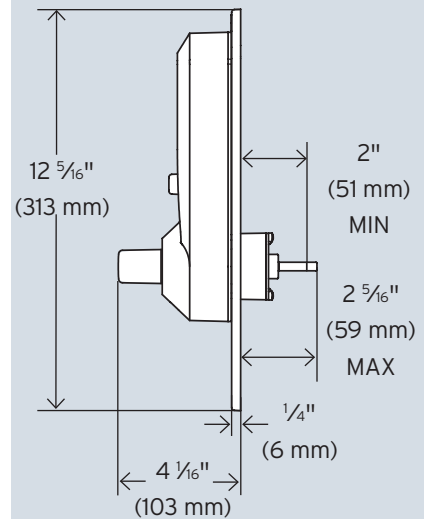|	
Accessibility Standard:	Americans with Disabilities Act (ADA)
Durability:	**Simplex 5000 Cylindrical**—ANSI/BHMA A156.2, Grade 1 Certified **Simplex 5000 Exit Trim**—ANSI/BHMA A156.3, Grade 1 Certified
Enviromental:	Weather resistant, Indoor/Outdoor approved
Fire Rating:	3-hour UL/ULC fire rating for "A" label doors

Warranty

Warranty:	3-year warranty

Simplex 5000 Exit Trim

Dimensions

Exterior

Sideview

Available Finishes

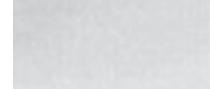| Standard Finishes:	Satin Chrome 26D (626) housings and lever
	Black (676) housings with Satin Chrome (626) levers and accents
Optional Finishes:	Bright Brass 03 (605) housings and lever
	Satin Brass 04 (606) housings and lever
	Bright Chrome 026 (625) housings and lever
	Dark Bronze (744-Simulates 10B/613) housing and levers with brass accents

Satin Chrome   Black   Bright Brass   Satin Brass   Bright Chrome   Dark Bronze

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