ABS-AMERICAN BUILDING SUPPLY, INC.

Falcon

B Series - Dane Design

Features:
- **Door Thickness**: 1-3/8” to 2” standard.
- **Backset**: 2-3/4” BS standard, available 2-3/8” BS.
- **Specifications**: Trim has heavy duty springs for lever return.
  Trim is through-bolted with screws coated with thread sealant to provide strength & resistance to loosening.
- **Keyways**: Available Schlage C or I.C. less core.
- **Trim**: Roses are 3-1/2” diameter
- **Strike**: 4-7/8” x 1-1/4” ANSI strike standard
- **ANSI / BHMA**: A156.2, series 4000 grade 2
- **UL**: 1-1/2 hour B label

FUNCTIONS

<table>
<thead>
<tr>
<th>ANSI</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>F75-2</td>
<td>Passage/Closet Latchset Latch bolt by levers at all times.</td>
</tr>
<tr>
<td>F76-2</td>
<td>Privacy Lock Latch bolt by levers. Outside lever locked by push button in inside lever. Rotating inside lever or closing door releases push button. Emergency release in outside lever unlocks door.</td>
</tr>
<tr>
<td>F109-2</td>
<td>Entry/Office Lock Turn/push button locking. Pushing and turning button locks outside lever requiring use of key until button is manually unlocked. Push button locking. Pushing button locks outside lever until unlocked by key or by rotating inside lever. Inside lever always free. Deadlocking latch bolt.</td>
</tr>
<tr>
<td>F86-2</td>
<td>Storeroom Lock Deadlocking latch bolt by lever inside or key outside. Outside lever is rigid. Inside lever is always free.</td>
</tr>
</tbody>
</table>

Options
- 2 3/8” Backset Specify A57420 (SL), A57620 (PL), A57420D (DL)
- 5065 “T” Strike

Stocked Product
- Finish 626
  - B101 Schlage C Keyway
  - B301 Schlage C Keyway
  - B511 Schlage C Keyway or Best prep I. C. core less core
  - B581 Schlage C Keyway or Best prep I. C. core less core

4/19 American Building Supply, Inc.
**Falcon**

**D200 - Series**

The new D Series deadbolt from Falcon will fit on virtually any door, thanks to an adjustable backset with an innovative lock-in-place design. Available in a Grade 1 or Grade 2 configuration, our new D Series deadbolt can be fitted with virtually any Falcon cylinder, enhances lock strength on the jamb side of the door and is easier to install than any deadbolt you’ve ever worked with.

**Features:**
- **Certification**: Grade 1 BHMA - ANSI A156.5, 2001, Grade 1 auxiliary lock, Available UL Listed for 3-Hour fire door
- **Deadbolt**: 1-1/8” x 2-1/4”, Square corner faceplate, 1” housing diameter, 1” throw
- **Strike**: 1-1/8” x 2-3/4”, lipless, with box
- **Door Range**: 1-3/8” - 1-3/4” standard
- **Reinforcement**: Metal dust box reinforcer with three - 3” screws
- **Trim Ring**: 1” Wrought brass or bronze, reinforced with security insert
- **Backset**: 2-3/8” and 2-3/4” adjustable

**D231 Double Cylinder**

Deadbolt thrown or retracted by key from either side. Bolt automatically deadlocks when fully thrown.

**D241 Single Cylinder x Turn**

Deadbolt thrown or retracted by key or by turn. Bolt automatically deadlocks when fully thrown.

**D271 Thumbturn x Occupancy Indicator**

Deadbolt thrown or retracted by turn unit only. Occupancy indicator on outside (reads either in use or vacant with color coding). Bolt automatically deadlocks when fully thrown.

**Stocked Products**

**Finish**
- 626 (US26D) Satin Chrome
- 613 (US10B) Oil Rubbed Bronze
- 606 (US4) Satin Brass

**Keyway**
- Schlage C, I.C. Core less Core

**Finish**
- 613, 626

**Keyway**
- Schlage C, I.C. Core less Core

**Indicator**
- Key 61-509
MA - Series

Features:

Door thickness: Standard accommodates thickness of 1-3/4” to 2-1/4”.

Backset: 2-3/4” only.

Case: Cold formed steel, zinc dichromate plated, .090” thick. Optional lead wrapping available.

Hubs: Hardened steel.

Handing: Right hand is standard; left hand optional. Reversible in the field.

Cylinders: Furnished with Schlage “C” key way. IC cylinders available as an option

Bind Resistant Trim: Heavy-duty through-bolted inserts clamp the trim on the door assuring proper alignment. Designed to bottom out on 1-3/4” doors to prevent door collapse. Provided with 10-32 screws for strength and thread sealant to prevent loosening.

Latch Bolt: Two-piece brass, mechanical anti-friction bolt. 3/4” projection.

Dead Bolt: 1” throw, brass with a 1/4” thick hardened steel, freeturning, saw-resistant roller.

Faceplates: (Armored Front) 1-1/4” x 8” brass, bronze and stainless steel adjustable for door bevel. Reinforced by heavy gauge steel with stabilizing ribs.


ANSI/BHMA: Meets ANSI/BHMA 156.13, Series 1000. UL: 3 hour A label.

Warranty: 10 Year Limited

Stocked Product

Finish: 626
**Falcon - Heavy Duty Levers**

**MA - Series**

<table>
<thead>
<tr>
<th>Functions</th>
<th>ANSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA101</td>
<td>F01-1, F01-2</td>
</tr>
<tr>
<td>Privacy, Bedroom or Bath Lock</td>
<td>Rotating inside knob/lever retracts both bolts.</td>
</tr>
<tr>
<td>MA311</td>
<td>F10-1, F10-2</td>
</tr>
<tr>
<td>Passage/Closet Latchset</td>
<td>Latch bolt by knobs/levers at all times.</td>
</tr>
<tr>
<td>MA531</td>
<td>F12-1, F12-2</td>
</tr>
<tr>
<td>Entry/Office Lock</td>
<td>Latch bolt by knobs/levers except when outside knob/lever is made inoperative by buttons in face. Dead bolt by key outside and turn inside. Rotating inside knob/lever retracts both bolts. Deadlocking latch.</td>
</tr>
<tr>
<td>MA561</td>
<td>F20-1</td>
</tr>
<tr>
<td>Classroom Lock</td>
<td>Deadlocking latch bolt by knobs/levers. Outside knob/lever locked by key outside. Inside knob/lever always free.</td>
</tr>
<tr>
<td>MA581</td>
<td>F07-1, F07-2</td>
</tr>
<tr>
<td>Storeroom Lock/Exit Lock</td>
<td>Deadlocking latch bolt by inside knob/lever or key outside. Outside knob/lever rigid.</td>
</tr>
</tbody>
</table>

**Cylinder Guards**

**Stocked Product**

- A08790/ A08794 - 000 9/32”
- 001 13/32”
- 002 17/32”

- 626 finish

<table>
<thead>
<tr>
<th>Door Thickness</th>
<th>985 1-1/8” (cyl.)</th>
<th>986 1-1/4” (cyl.)</th>
<th>987 1-3/8” (cyl.)</th>
<th>988 1-1/2” (cyl.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1/2”</td>
<td>A08794-001 (13/32”)</td>
<td>A08794-002 (17/32”)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-3/4”</td>
<td>A08794-000 (9/32”)</td>
<td>A08794-001 (13/32”)</td>
<td>A08794-002 (17/32”)</td>
<td></td>
</tr>
<tr>
<td>2”</td>
<td>A08794-000 (9/32”)</td>
<td>A08794-001 (13/32”)</td>
<td>A08794-002 (17/32”)</td>
<td></td>
</tr>
<tr>
<td>2-1/4”</td>
<td>A08794-000 (9/32”)</td>
<td>A08794-001 (13/32”)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-1/2”</td>
<td></td>
<td>A08794-000 (9/32”)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Dimensions listed for A08794 also apply to A08790.

**Cylinder guards measure 3/16” from shoulder to top. A wavy spring washer is furnished with either cylinder guard.**

**Single cylinder functions.**
Falcon - Heavy Duty Levers

T - Series

Features:

Door Thickness: 1-3/4” to 2-1/8” standard. Thin door adapter kit (A30775-000-00) available for doors thinner than 1-3/4”, please specify door thickness.

Special Order

Backset: 2-3/4” standard. 2-3/8” also available. Link (A22161-005-10) available for 5” backset.

5” backset Special Order

Mechanism: Parts constructed of brass or cold formed steel, zinc plated and dichromated for rust resistance. Springs are stainless steel.

Attachment: Lock chassis secured to door by mreaaeo mounting nuts. Completely preassembled outer trim and inner spindle assembly are through-bolted over chassis using (2) 10-32 screws. Adding rose and lever to inner spindle assembly completes installation.

Handing: Locks are non-handed.

Cylinders: Furnished with Schlage “C” keyway and IC prep options.

Trim: Roses are heavy wrought brass or bronze, installed over pressure cast rose inserts which are through-bolted through door. Levers are pressure cast (solid levers—no inserts) material finished to match mating parts.

Latches: 9/16” bolt projection, UL listed with latch faceplates 2-1/4” x 1-1/8” with square corners standard. 3/4” projection, UL listed latch with 2-3/4” backset also available. Adjustable front standard.

Strikes: 4-7/8” x 1-1/4” ANSI strike with curved lip to meet ANSI A115.2 door frame preparation standard.

Screws: Furnished with combination screws for use in wood or metal doors and frames.

Electrified Functions: Available in 24 VDC .185 AMP.

ANSI/BHMA: Meets ANSI/BHMA A156.2, Series 4000, Grade 1.

UL: 3 hour A label.

Warranty: 10 Year Limited
Falcon - Heavy Duty Levers

T - Series

DESIGNS

FUNCTIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>ANSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>T101</td>
<td>Passage/Closet Latchset. Latch bolt by levers at all times.</td>
<td>F75-1</td>
</tr>
<tr>
<td>T301</td>
<td>Privacy Lock. Latch bolt by levers. Outside lever locked by push button in inside lever. Rotating inside lever or closing door releases push button. Emergency release in outside lever unlocks door.</td>
<td>F76-1</td>
</tr>
<tr>
<td>T511</td>
<td>Entry/Office Lock. Turn/push button locking. Pushing and turning button locks outside lever requiring use of key until button is manually unlocked. Push button locking. Pushing button locks outside lever until unlocked by key or by rotating inside lever. Inside lever always free. Deadlocking latch bolt.</td>
<td>F109-1</td>
</tr>
<tr>
<td>T561</td>
<td>Classroom Lock. Deadlocking latch bolt by levers. Outside lever is locked by key in outside lever. Inside lever is always free.</td>
<td>F84-1</td>
</tr>
<tr>
<td>T581</td>
<td>Storeroom Lock. Deadlocking latch bolt by lever inside or key outside. Outside lever is inoperable. Inside lever always free.</td>
<td>F86-1</td>
</tr>
</tbody>
</table>
Falcon - Medium Duty Levers

W - Series Grade 2 Cylindrical Lever and Knob Locks

Features:

• Reliable and proven Grade 2 construction
• Heavy duty springs for better lever return and to prevent sagging
• Non-handed for easy field assembly
• Abrasive lever coating option available
• Priced to fit your opening price point
• Schlage C Masterkey available
• Manufactured to Ingersoll Rand’s industry-leading quality standards

Lever Styles

Can be suited with a variety of Falcon locks such as mortise, tubular, grade 1 cylindrical and interconnect.

Dane
Quantum

Rose Diameters

The Falcon W comes in different rose diameters to meet your customer needs. The Large Rose 3-1/2” diameter and a Small Rose 2 9/16” diameter to meet your narrow stile door requirements.

Large Rose
Small Rose
(Only available in Dane Lever)
** FUNCTIONS **

**W101**
Passage latchset—Latch bolt by levers at all times.  

**W301**
Privacy lock—Latch bolt by levers. Outside lever is locked by push button on inside lever. Rotating inside lever or closing door releases push button and frees outside lever. Inside lever is always free. Emergency release in outside lever unlocks door.  

**W501**
Enter lock—Push button locking. Button on inside locks outside lever until unlocked by key or by rotating inside lever. Closing door release push button and unlocks door. Inside lever always free. Deadlock latchbolt.  

**W511**
Enter/office lock—Deadlocking latch bolt by levers. Turn/push button locking. Pushing and turning button locks outside lever, requiring use of a key for unlocking the door until button is manually unlocked. Pushing button locks outside lever until unlocked by key or by rotating inside lever. Inside lever is always free.  

**W561**
Classroom lock—Deadlocking latch bolt by levers. Outside lever is locked by key in outside lever. Inside lever is always free.  

**W581**
Storage room lock—Deadlocking latch bolt by lever inside or key outside. Outside lever is always locked. Inside lever is always free.  

**W12**
Single dummy trim—Single trim, surface-mounted rigid lever.  

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**Stocked Product**

<table>
<thead>
<tr>
<th>Design</th>
<th>Keyway</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dane:</td>
<td>Schlage C, IC core stocked 626</td>
<td>605, 613, 625, 626</td>
</tr>
<tr>
<td>Quantum:</td>
<td>Schlage C</td>
<td>626, 613</td>
</tr>
</tbody>
</table>

**Backset**

2-3/4" Standard, also available 2-3/8"
# Falcon - Latches

## B - Series

<table>
<thead>
<tr>
<th>P/W</th>
<th>DESCRIPTION</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>A57420</td>
<td>SL, 2-3/8&quot; BS, 1&quot; Face Plate</td>
<td>626</td>
</tr>
<tr>
<td>A57420D</td>
<td>DL, 2-3/8&quot; BS, 1&quot; Face Plate</td>
<td>626</td>
</tr>
<tr>
<td>A57435</td>
<td>SL, 2-3/4&quot; BS, 1-1/8&quot; Face Plate</td>
<td>626</td>
</tr>
<tr>
<td>A57435D</td>
<td>SL, 2-3/4&quot; BS, 1-1/8&quot; Face Plate</td>
<td>626</td>
</tr>
<tr>
<td>A57620</td>
<td>SL, 2-3/6&quot; BS, 1&quot; Face Plate F/301</td>
<td>626</td>
</tr>
</tbody>
</table>

## D200 - Series

<table>
<thead>
<tr>
<th>P/W</th>
<th>DESCRIPTION</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q330-253</td>
<td>ADJ, Square Corner, 1-1/8&quot; x 2-1/4&quot; FP</td>
<td>613, 626</td>
</tr>
</tbody>
</table>

## T - Series

<table>
<thead>
<tr>
<th>P/W</th>
<th>DESCRIPTION</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>23981111</td>
<td>SL, 2-3/8&quot; BS, 1&quot; Face Plate</td>
<td>613, 626</td>
</tr>
<tr>
<td>23981137</td>
<td>SL, 2-3/4&quot; BS, 1-1/8&quot; Face Plate</td>
<td>613, 626</td>
</tr>
<tr>
<td>23981160</td>
<td>DL, 2-3/8&quot; BS, 1&quot; Face Plate</td>
<td>613, 626</td>
</tr>
<tr>
<td>23981145</td>
<td>DL, 2-3/4&quot; BS, 1-1/8&quot; Face Plate</td>
<td>613, 626</td>
</tr>
</tbody>
</table>

## W - Series

<table>
<thead>
<tr>
<th>P/W</th>
<th>DESCRIPTION</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q330197</td>
<td>DL, 2-3/4&quot; BS, 1-1/8&quot; Face Plate</td>
<td>605, 613, 626</td>
</tr>
<tr>
<td>Q330201</td>
<td>DL, 2-3/8&quot; BS, 1&quot; Face Plate</td>
<td>613, 626</td>
</tr>
<tr>
<td>Q330203</td>
<td>DL, 2-3/8&quot; BS, 1-1/8&quot; Face Plate</td>
<td>613, 626</td>
</tr>
<tr>
<td>Q330206</td>
<td>SL, 2-3/4&quot; BS, 1-1/8&quot; Face Plate</td>
<td>605, 613, 626</td>
</tr>
<tr>
<td>Q330207</td>
<td>SL, 2-3/8&quot; BS, 1&quot; Face Plate</td>
<td>613, 626</td>
</tr>
<tr>
<td>Q330209</td>
<td>SL, 2-3/8&quot; BS, 1-1/8&quot; Face Plate</td>
<td>613, 626</td>
</tr>
</tbody>
</table>
Interchangeable Standard IC core uses a single spring cover. Core Stocked uncombined without pins, springs, or keys. Stock keyways A & B. Note C606ACC does not include control & operating keys.

**Stocked Product**
- C646 Uncombined core, 6 pin, Keyways A & B, Finish 606, 626
- C647 Uncombined core, 7 pin, Keyways A & B, Finish 606, 626
- C606ACC Temporary core
- C607 Combinated core, 7pin, Keway A, Finish 626
- KB6322A Operating Key for Temp core
- KB6092A Control Key for Temp core
- KB6322AC Cut Operating Key F/C607
- KB6092AC Cut Control Key F/C607

**Key Blanks Standard**

**Stocked Product**
- KB577G Standard G Key
- KB628 A & B Keyway I. C.
- KB608 A & B Control Blank

**C953 Rim Cylinder Housing**
Horizontal tailpiece standard. May be changed to vertical.

**Stocked Product**
- C953 613, 626 Finish 6 pin or 7 pin I. C. Less core
- C987 613, 626 Finish 1-3/8" F/ 6 or 7pin I. C. Less core
- C988 613, 626 Finish, 1-1/2" for 6 pin or 7 pin I. C. Less core

**Cylinders for IC Less Core**
C987 mortise cylinder housing Furnished with standard #5 cam.

**Stocked Product**
- 985C & 986C Mortise Cylinder
- 900 Series cylinders are furnished with #4 straight cam and 250 Series with #1 cloverleaf cam unless otherwise specified.

**Stocked Product**
- 985C 1-1/8" 626 Finish
- 986C 1-1/4" 626 Finish

**CAMS Only**

**Stocked Product**
- A09894 for M531
- A09897 for M561 and M581
Monarch by Falcon - Exits

19 Series - Rim Device

Features:
- Part number: 19RE0 X Finish
- Function stocked: "EO" exit only
- Trims Separately: Note: Lever trim is handed
  - 1906T Thumb piece (new number 910)
  - 1909NL Night latch (new number 910NL)
  - 1910L Entry Lever Dane (new number 912L)
  - 914KIL BE Key in Lever (sectional) Blank Escutcheon
  - 914KIL IC Key in Lever (sectional) Lever Entry X IC core
  - 914KIL KD Key in Lever (sectional) Lever Entry
  - 914KIL NL Key in Lever (sectional) Lever Night Latch
- Finishes: Aluminum and Duro
- Length: 36" and 48"
- ANSI A156.3-2001 Grade 1 standards, UL Listed
- Cut out: 161

The Monarch 19-R Series rim device that delivers superior panic hardware with modern touchbar styling. This non-handed device covers a 161 cutout and may be used on 13/4" narrow stile aluminum doors.

F19 Series - Fire Rated Rim Device

Features:
- Part number: F19RE0 X finish
- Function Stocked “EO” exit only
- Trims Separately: See page
  - 1906T Thumb piece (new number 910)
  - 1909NL Night latch (new number 910NL)
  - 1910L Entry Lever Dane (new number 912L)
  - 914KIL BE Key in Lever (sectional) Blank Escutcheon
  - 914KIL IC Key in Lever (sectional) Lever Entry X IC core
  - 914KIL KD Key in Lever (sectional) Lever Entry
  - 914KIL NL Key in Lever (sectional) Lever Night Latch
- Finishes: Aluminum and Duro
- Length: 36" and 48"
- ANSI A156.3 Grade 1
- UL for 1-1/2" hour door
- Cut out 161

The F–19 Rim fire exit device is an excellent addition to the touchbar. This device is non-handed and is listed by UL for B label fire door installations on 4’0” x 7’2” single doors and/or 8’0” x 7’2” double doors with an F–4023 removable mullion or CRF-4023.
Monarch by Falcon - *Exits*

**19 Series - Vertical Rod Device**

 Manufactured to the same exacting standards as the 19 Rim, the 19–V Exit Device complies with most exit door requirements, and is fully reversible and surface applied. This device is regularly furnished with deadlocking top latch with latch retention and square bolt at bottom.

**Features:**
- Part number 19VE0 X Finish
- Function Stocked: Exit only
- Trims Separately: Note: Lever trim is handed See Trim page
  - 1906T Thumb piece (new number 910)
  - 1909NL Night latch (new number 910NL)
  - 1910L Entry Lever Dane (new number 912L)
  - 914KIL BE Key in Lever (sectional) Blank Escutcheon
  - 914KIL IC Key in Lever (sectional) Lever Entry X IC core
  - 914KIL KD Key in Lever (sectional) Lever Entry
  - 914KIL NL Key in Lever (sectional) Lever Night Latch
- Finishes: Aluminum and Duro
- Lengths: 36” X 84” and 48” X 84”
- ANSI A156.3 2001 Grade 1 Standard; UL Listed

**F19 Series - Fire Rated Vertical Rod Device**

 Manufactured to the same exacting standards as the F–19 Rim, the F–19–V Fire Exit Device complies with most exit door requirements, and is fully reversible and surface applied. This device is regularly furnished with deadlocking top latch retention and square bolt at bottom. (This device is listed by UL for B label fire door installations.)

**Features:**
- Part number F19VE X Finish
- Function Stocked: “EO” exit only
- Trims Separately: Note: Lever trim is handed See trim page
  - 1906T Thumb piece (new number 910)
  - 1909NL Night latch (new number 910NL)
  - 1910L Entry Lever Dane (new number 912L)
  - 914KIL BE Key in Lever (sectional) Blank Escutcheon
  - 914KIL IC Key in Lever (sectional) Lever Entry X IC core
  - 914KIL KD Key in Lever (sectional) Lever Entry
  - 914KIL NL Key in Lever (sectional) Lever Night Latch
- Finishes: Aluminum and Duro
- Lengths: 36” X 84” and 48” X 84”
- ANSI A156.3 Grade 1 standard
- UL “B” labeled 1-1/2 hour door
Falcon

19 Series - Trim Designs
All Trims Supplied Less Cylinder

1910L (912) L Trim
Mortise Cylinder
1-1/8" Required

1909NL (910NL)
Rim Cylinder
Required

1906T (910TP)
Mortise Cylinder
1-1/8" Required

Stocked Product
Aluminum, Duro

914 KIL KD Entry
914 KIL BE Blank Escutcheon
914 KIL IC Entry
914 KIL NL Night Latch

Stocked Product
Aluminum, Duro
**Falcon - Exits**

**25 R Series - Rim Exit Device**

**Features**
- Non handed
- 299 strike standard, other strikes available on special order
- Latch bolt: Stainless Steel, ¾” throw
- Dogging Feature: 1/2 turn hex dogging standard, No thread parts to wear out
- Stock sizes: 36” and 48” width doors,
- ANSI: Certified ANSI A156.3-2001 Grade 1
- Sex Bolts: (optional) Recommended when device is used with hollow core wood, composite or light gauge hollow metal doors. For EO device specify eight (8) #2729 sex bolts. With Trim specify four (4) 2729 sex bolts
- EL function: Can be interfaced with Building security systems.

**Options:**
- Cylinder Dogging kit: Specify 25CDK
- 1-1/8” Mortise cylinder not included.

**Stocked Product**
- 36” door width US3, US26, 313AN, US26D
- 48” door width 313AN, US26D
- EL Function stocked: 36” door width 26D

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**F25-R Series - Fire Rim Exit Device**

**Features**
- Non Handed
- “A” label 3 hours 4’ 0” X 8’ 0”; 8’ 0” X 8’0” with F4023 Mullion
- “B” label 1-1/2” hour for 8’0” X 8’) with KRF4023 Mullion
- 299F strike standard, other strikes available on special order
- Latch bolt: stainless Steel, ¾ “ throw
- Deadlocking latch bolt standard
- Stock sizes: 36” and 48” width doors
- Mounting Height: 40-1/4” form CL to finished floor
- Fasteners: All mounting screws are concealed, All machine screws standard
- Sex Bolts: (optional) Required when device is used with hollow core wood, composite or light gauge hollow metal doors. For EO device specify eight (8) #2729 sex bolts. With Trim specify four (4) 2729 sex bolts
- ANSI: Certified ANSI A156.3 2001 Grade 1 Standards
- EL function: Can be interfaced with Building security systems.

**Stocked Product**
- 36” door width US3, US26, 313AN, US26D
- 48” door width .313AN, 26D
- EL Function stocked: 36” door width, 26D
Falcon - Exits

25 V Series - Vertical Rod Exit Device

Features:
- Hand: Field Reversible
- Strikes: 3788 Top strike is surface applied; 2130 bottom strike is mortised into the floor
- Latch bolt: Top stainless steel ¾ throw; Bottom bolt is ½" throw
- Latch Retention Hold: Standards with top latch
- Sex Bolts: (Optional) Recommended when device is used with hollow core wood, composite or light gauge hollow metal doors, For EO device, specify twelve (12) #2729 sex bolts., For devices with trim specify eight (8) #2729 sex bolts’
- ANSI: Certified ANSI A156.3-2001 Grade 1 standard
- EL function: Can be interfaced with Building security systems.

Options:
- Cylinder Dogging kit: Specify 25CDK
- 1-1/8” Mortise cylinders not included.
- 12” & 36” Extension rods Available.

Stocked Product
- 36” X 96” door size US3, US26, 313AN, US26D
- 48” X 96” door size 313AN, US26D

EL function stocked: 36” X 96” door size 26D

F25 V Series - Fire Vertical Rod Device

Features:
- Hand: Field Reversible
- UL: “A” Label 3 hour; 8’ X 10’ 90 minute same egress, 8’ X 10’
- Wood Door: 20 minute 8’ X 10’; 90 minute 8’ X 9’
- Strikes: 3788 Top strike is surface applied; 2130 bottom strike is mortised into the floor
- Latch bolt: Top stainless steel ¾ throw; Bottom bolt is ½” throw
- Deadlocking Latch bolt: Standard in top latch
- Latch Retention Hold: standard with top latch
- F25-V LBR; Less bottom rod vertical device; “A” Label 3 hour- 8’ X 8’ 90 minute same egress’ Wood Door 20 minute 8’ X 8’ openings. (F-LBR Must be ordered in pairs)
- Fasteners: All mounting screws area concealed machine screws
- Sex Bolts: (Optional) Required when device is used with hollow core wood, composite or light gauge hollow metal doors, For EO device, specify twelve (12) #2729 sex bolts., For devices with rim specify eight (8) #2729 sex bolts’
- ANSI: Certified ANSI A156.3 Grade 1 standard
- EL function: Can be interfaced with Building security systems.

Options:
- 12” & 36” Extension rods Available.

Stocked Product
- F25 V Stock Finishes: 36” X 96” 313AN, US26D
- 48” X 96” 313 AN, US26D

- F25 V LBR Stocked: 36” X 96” and 48” X 96” 313AN,US26D (Must be ordered in pairs)
- EL Function stocked: 36” X 96” 26D
**Falcon - Exits**

**25 M Series - Mortise Exit Device**

**Features:**
- **Hand:** Handed
- **Strike:** 1279 standards
- **Latch bolt:** Stainless steel, ¾ throw
- **Deadlocking Latch bolt:** Standard
- **Dogging Feature:** ½ hex turn, no thread parts to wear out
- **Fasteners:** All mounting screws are concealed metal screws.
- **Sex Bolts:** (optional) Recommended when device is used with hollow core wood, composite or light gauge hollow metal doors, For EO device specify six (6) #2729 sex bolts. With Trim specify two (2) 2729 sex bolts
- **ANSI:** Certified ANSI A156.3 2001 Grade 1
- **Mortise Lock:** Heavy wrought lock case with cast or sintered steel parts. Locks are designed to fit standard ANSI A115.1 preparation for 1-/34" thick doors Deadlocked when auxiliary bolt is depress 5/6"

**Options:**
- Cylinder Dogging kit : Specify 25CDK
- 1-1/8" Mortise Cylinder not included.

**Stocked Product**
- 36" Width door in 26D

---

**F25 M Series - Fire Mortise Exit Device**

**Features:**
- **Hand:** Handed
- **UL:** “A” label 3 hour, 4’ X 10” single doors, 8’ X 10’ pair of doors. (F25M X F25V) “B” Label (1-1/2 hour) with F1280 open back strike
- **Strike:** 1279 standard
- **Latch bolt:** Stainless steel, ¾ throw
- **Deadlocking Latch bolt:** Standard
- **Fasteners:** All mounting screws are concealed metal screws.
- **Sex Bolts:** (optional) Required when device is used with hollow core wood, composite or light gauge hollow metal doors, For EO device specify six (6) #2729 sex bolts. With Trim specify two (2) 2729 sex bolts

**Stocked Product**
- 36" Width door in 26D
Falcon - Exits

25-C Series - Concealed Vertical Rod Device

Features:
- Hand: Field Reversible
- Strikes: 4188 mortised top, 2130 bottom standard
- Latch bolt: Top Stainless steel 3/4” throw, Bottom bolt ½” throw
- Deadlocking Latch bolt: Standard in top latch
- Latch Retention Hold: Standard in top latch
- Dogging Feature: ½ turn hex dogging standard, no threaded parts to wear out
- Fasteners: All mounting screws are concealed metal
- Sex Bolts: (optional) Recommended when device is used with hollow core wood, composite or light gauge hollow metal doors. For EO device specify six (6) #2729 sex bolts. With Trim specify two (2) 2729 sex bolts
- ANSI: Certified ANSI A156.3-2001 Grade 1 standards.
- Vertical Rods Furnished to length based on 40-1/4” horizontal CL to finished floor and a 7’0” door

Options:
Options: Cylinder Dogging kit: Specify 25CDK
1-1/8” Mortise Cylinder not included.
12” & 36” Extension Rods Available.

Stocked Product
36” X 84” US26D
Falcon - Exits

F25-C Series - Fire Concealed Vertical Rod Device
F25C-WDC Series Fire Wood Door Concealed Vertical Rod Device

Features
- Hand: Field Reversible
- UL: “A” Label 3 hour- 8’ X 10’ 90 minute same egress, 8’ X 10’ Wood Door: 20 minute 8’ X 9’ 90 minute 8’ X 8’
- Strikes: 4188 mortise top; 2130 flush strike bottom
- Latch bolt: Top Stainless steel 3/4” throw, Bottom bolt ½” throw
- Deadlocking Latch bolt: Standard in top latch
- Fasteners: All mounting screws are concealed metal
- Sex Bolts: (optional) Required when device is used with hollow core wood, composite or light gauge hollow metal doors, For EO device specify six (6) #2729 sex bolts. With Trim specify two (2) 2729 sex bolts
- ANSI: Certified ANSI A156.3-2001 Grade 1 standards
- WDC-20: Reinforced plates supplies standard for 20 minute doors only
- Vertical Rods Furnished to length based on 40-1/4” horizontal CL to finished floor and a 7’0” door

Stocked Product
F25C  36” X 84” US26D
F25C-WDC  36” X 96” US26D, US3, US26
Falcon - Exits

Lever Trim Only
510 L - Entry Lock/Unlock, 1-1/4 Mortise Cylinders Not Included.
510 LNL - Night Latch, Store Room, 1-1/4 Mortise Cylinders Not Included.
510 LBE - Blank Escutcheon, 1-1/4 Mortise Cylinders Not Included.
511 L - Entry Vandal Resistant, 1-1/4 Mortise Cylinders Not Included.
510 L FSE - Entry Electrical Unlock, 1-1/4 Mortise Cylinders Not Included.
510 LDT - Dummy Trim

Pull Trims
512TP - 1-1/4 Mortise Cylinders Not Included.
512-NL - Night Latch, Rim Cylinder

Stocked Product

<table>
<thead>
<tr>
<th>510L, 510LBE, 510LNL</th>
<th>Dane</th>
<th>US3, US26, SP313, 26D</th>
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Escutcheon: 2-1/4" x 16"
Grip: 6-1/4" C-C
Projection: 2-11/16"
Brass and Stainless Steel
Falcon - *Exits*

### XX Series - Rim Device

- Part number XXRE0 X finish
- Handed Specify LHR or RHR
- Trim available See page 6, Same trim as 18 series
- Finishes: US3, 10B and 32D
- Lengths: 48” stock; can be cut down
- Cross Bars: 1” OD
- Projections: 5” Maximum; 4” when dogged
- ANSI A156.3-2001 Grade 1 standards

The Monarch XX-R Series Rim Device is produced to meet the demanding requirements of higher traffic installations. This device is a single point, rim type latch with the traditional crossbar design.

### XX Series - Vertical Rod Device

- Part number XXVE0 X finish
- Handed: Specify LHR or RHR
- Trim available; See page 6, same trim as 18 series
- Finishes: US3, 10B, 32D

The Monarch XX-V Series Vertical Rod Device is designed to meet the demanding requirements of higher traffic installations. The XX-V device is a surface-applied (including strikes) vertical rod type with the traditional crossbar design.
XX - Trim Designs
All Trims Supplied Less Cylinder

812L Trim

812L Dane
Rim Cylinder Required

812L Quantum
Rim Cylinder Required

812L BE Dane

Specify:
812LR - Rim
812LV - Vertical

Stocked Product
10B, 32D
US3 DANE ENTRY

820 NL Vanguard and Trim
Rim Cylinder Required

Stocked Product
10B, 32D
Falcon

19, 25, and XX Accessories and Options

Removable Mullion

- Falcon removable mullions are easily removed and reinstalled for full width access.
- Rim devices are used on both leaves, attaining a perfectly symmetrical opening.
- The mullion assembly consists of a mullion, top and bottom mounting brackets and a screw pack.
- The F4023 and KRF-4023 fire-rated mullions also include four stabilizer blocks as required for labeled installations.
- Mullions may be cut on the job for doors under stock lengths.
- KR Mullions require 1 1/4” mortise cylinder with standard A cam.

Features

- Mullion fittings – ductile iron.
- F4023, 4023, KRF-4023 and KR-4023 – 2” x 3” x height.
- 2923 mullion - 1-1/2’ x 2-1/2’ x height.
- SP28
- 7’ or 8’ door opening standard, other door opening as specified.

Cylinders

- Cylinder supplied only when specified.
- Cylinders keyed different unless specified keyed alike.

Sex Bolts

- 325 (1/4”-20 Thread)
- 425 (#10-24 Thread)

Stocked Product

- 4023, F4023 7’2” & 8’0” SP28
- KR4023, KRF4023 7’2” & 8’0” SP28

*Backset to vertical center line on the device.
Falcon

8200 Series - Low Energy Operator

Designed to fit perfectly.

The small footprint and elegant design of the Falcon 8200 Series make it a perfect solution for a range of applications.

- Assisted living
- Retail
- Restaurants
- Hospitality
- Small office
- Ambulatory care

Features:

- **SmartLatch** – Senses and overcomes external pressure conditions with a graduated energy assist for secure latching.
- **Push ‘n’ Go** – Selectable feature allows door to open automatically as soon as it feels pressure.
- **Open Position Learning** – Automatically sets the opening position to eliminate wall and door damage.
- **Obstacle Obstruction Detection** – Safety feature stops and reverses door direction when distress or an obstruction is sensed.
- **Pre-Load Strike Assist** – Removes load on strike lip with a one second delay allowing the door to release and automatically open.
- **LED Light Illumination** – Light illumination on control box signals accurate installation and helps with connection diagnostics.
- **On Board Power Supply (12 VAC)** – Powers the accessories without the need to install an external power supply.

Adjustable features:

- Hold-open time delay
- Backcheck speed
- Backcheck/latch position
- Opening/closing speed

Stocked Product

8231 Pull side operation
8242 Push side operation

Finish: aluminum
**SC61 Series - Light to Medium Duty Closer**

**Features:**
- Meets ANSI A1117.1
- ANSI/BHMA A156.4, Grade 1
- UL Listed
- 1-3/8" diameter piston
- Closer mounts hinge side, top jamb or parallel arm when either the Rw/PA or Hw/PA arm is specified.
- Adjustable sizes 1-4
- Single piece cast aluminum body
- Staked valves
- Non-handed left or right swinging doors
- Separate adjustable general speed, latch speed, and backcheck
- Heat-treated steel piston
- Heat-treated pinion
- UL 10C approved fluid
- Universal screw pack
- 10-year warranty

**Stocked Product**
SC61 Aluminum, Dark Bronze

**SC80 Series - Medium Duty Closer**

**Features:**
- Meets A156.4, Grade 1 Standard
- 1-3/8" diameter piston
- Ready to mount hinge side, top jamb or parallel arm configurations
- Arm options: regular
- Suitable for interior doors up to 48" (1219 mm) wide, exterior doors up to 36" (914 mm) and can be adjusted to meet the ADA accessibility requirements
- Single piece cast aluminum body
- Staked valves
- Non-handed left or right swinging doors
- Separate adjustable general speed, latch speed, and backcheck
- Heat-treated steel piston
- Heat-treated pinion
- Cover is high-impact UL listed fire retardant plastic that meets UL 10C and UBC-7-2 (1997) fire test
- UL 10C approved fluid
- Universal screw pack
- 10-year warranty

**Stocked Product**
SC81 Aluminum, Dark Bronze
Dor-O-Matic by Falcon - Closers

**SC90 Series - Light Duty Closer**

*Features:*
- Meets A156.4, Grade 1
- Ready to mount hinge side, top jamb or parallel arm configurations
- Arm options: regular
- Single piece cast aluminum body
- Non-handed left or right swinging doors
- Separate adjustable general speed and latch speed
- Heat-treated steel piston
- Heat-treated pinion
- UL 10C approved fluid
- Universal screw pack
- 10-year warranty

*Stocked Product*

SC91 Aluminum, Dark Bronze

Falcon - Actuators

**8310-844 - Series**
Transmission Kit

**8310-856T - Series**
Round Surface 4-1/2” Actuator

**8310-865 - Series**
Wireless Receiver

**8310-868S - Series**
4-1/2” Box only