CAS
ARCHITECTURAL AND
FIRE DOOR HARDWARE

Outstanding Design and Performance
Conforming to ANSI Grade 1

- FIRE EXIT HARDWARE
- AUTOMATIC FLUSH BOLT
- DOOR COORDINATORS
  - DOOR CLOSER
  - DOOR SPRING
- CYLINDER MORTICE LOCK
- DOOR & WINDOW ACCESSORIES

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UL 520 Series  PANIC EXIT DEVICE

REVERSIBLE RIM TYPE
Conforming to ANSI standard A 156.3 Grade 1

UL520 PANIC EXIT DEVICE

SPECIFICATIONS:
For Doors .......................... 1-3/4" thick, Wood or Metal
(Specify thickness if other than 1-3/4")
Door widths from 30" - 48".
Hand .................................. Non-Handed.
Latchbolt ......................... Stainless Steel, 3/4" throw.
Dead Latch ......................... Stainless Steel, 5/8".
Strike .............................. For 5/8" Stop plus Shim for 1/2" stop.
Spring ................................ Stainless steel.
Chassis ......................... Steel or Stainless Steel.
Cover .............................. High density rust-resistant alloy.
Rail Assembly ...................... Steel or Stainless Steel.
End cap ......................... Steel or Stainless Steel.
Dogging ......................... Allen type dogging standard.
UL Listed ......................... PANIC HARDWARE, UL/CUL.
Finishes ......................... USP- Alum/Duro/Bronze,

UL520V VERTICAL ROD PANIC EXIT DEVICE

SPECIFICATIONS:
For Doors .......................... 1-3/4" thick, Wood or Metal
(Specify thickness if other than 1-3/4")
Door widths from 30" - 48" &
Door height up to 96".
Hand .................................. Field Reversible.
Latchbolt ......................... SSS Top latch, Steel Bottom bolt.
Strike .............................. TS520V for Top & BS520V for Bottom.
Spring ................................ Stainless steel.
Chassis ......................... Steel, Stainless Steel or Brass.
Cover .............................. High density rust-resistant alloy.
Rail Assembly ...................... Steel or Stainless Steel.
End cap ......................... Steel or Stainless Steel.
UL Listed ......................... PANIC HARDWARE, UL/CUL.
Finishes ......................... USP- Alum/Duro/Bronze,

DS520
Door Strike for #520
1-3/16" X 3-1/4", Project 3/16" plus 1/8" Shim

SF520
Strike Filler
4-7/8" X 1-5/8"

LFF520
Lock Front Filler
2-1/4" X 1-1/8"

DDS520
Double Door Strike
3-1/8" X 2-1/2" X 3/4"

SB520
Sex Bolts
1/4-20
**UL 620 Series**

**FIRE EXIT DEVICE**

**REVERSIBLE RIM TYPE**

Conforming to ANSI standard A 156.3 Grade 1

**UL620 FIRE EXIT DEVICE**

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Feature</th>
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<tbody>
<tr>
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<td>(Specify thickness if other than 1-3/4&quot;)</td>
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<td></td>
<td>Door widths from 30&quot; - 48&quot;</td>
</tr>
<tr>
<td>Hand</td>
<td>Non-Handed</td>
</tr>
<tr>
<td>Latchbolt</td>
<td>Stainless Steel, 3/4&quot; throw</td>
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<tr>
<td>Dead Latch</td>
<td>Stainless Steel, 5/8&quot;</td>
</tr>
<tr>
<td>Strike</td>
<td>DS620, SSS</td>
</tr>
<tr>
<td>Spring</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>Chassis</td>
<td>Steel or Stainless Steel</td>
</tr>
<tr>
<td>Cover</td>
<td>High density rust-resistant alloy</td>
</tr>
<tr>
<td>Rail Assembly</td>
<td>Steel or Stainless Steel</td>
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<tr>
<td>End cap</td>
<td>Steel or Stainless Steel</td>
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<td>UL Listed</td>
<td>FIRE EXIT HARDWARE, UL/CUL</td>
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**UL620V VERTICAL ROD FIRE EXIT DEVICE**

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<tr>
<td>Hand</td>
<td>Field Reversible</td>
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<tr>
<td>Latchbolt</td>
<td>SSS Top latch, Steel Bottom bolt</td>
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<tr>
<td>Strike</td>
<td>TS520V for Top &amp; BS520V for Bottom</td>
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<tr>
<td>Spring</td>
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<tr>
<td>Chassis</td>
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**AFL620 Aux fire latch assy**

The AUX fire latch assy being used with vertical rod exit device no bottom unit is to keep fire doors in alignment during a fire.

**TS520V**

Top Strike for #520V/#620V
1-3/16" X 1-7/8" X 5/8"

**Locked**

Latch retraction hold in the top: Retainer is released when it engages the strike.

**Unlocked**

**DS620**

Door Strike for #620
1-3/16" X 3-1/4", Project 5/16"

**Locked**

**Unlocked**

Bottom sliding drop bolt, operated the hold and release by the top latch.

**BS520V**

Bottom Strike for #520V/#620V
2" X 1-1/4" X 13/16"
TP620    NTP620    LE620    NLE620
8" X 2-5/8" X 2-5/8"
Overall length 12"
Thumbpiece Plate
Trim-Entry-Passage

LE620A    NLE620A    KE620    NKE620
8" X 2-5/8" X 3-1/8"
Lever Plate Trim-Entry-Passage

8" X 2-5/8" X 3-1/4"
Knob-Plate Trim-Entry-Passage

All Plate Trim is furnished LHR & without Cylinder, unless order specified.
All Plate Trim is changeable Handed- LH/RH without dissolved except TP620/NTP620.

TRIM & PLATE
for UL520&620series

Lever Handle
LH520
ENTRY
SC4, 6 Pins, US26D, US3

PP520
Plain Pull Plate
Painted Alum, US32D

DLH520
STOREROOM

NLH520
PASSAGE

Ball Knob
BK520
ENTRY
SC4, 6 Pins, US32D, US3

PC520
Cylinder Pull Plate
Painted Alum, US32D

DBK520
STOREROOM

NBK520
PASSAGE

MC620
Mortise Cylinder
1", SC4, 6 Pins, US32D

RC520
Rim Cylinder
SC1, 5 Pins, US26D
SC4, 6 Pins, US26D/US3

APPLICATIONS:
Single Door with Rim Device
Single Door with Vertical Device
Pair of Doors with Rim Device and Vertical Device
Pair of Doors with two Vertical Devices
Pair of Doors with two Rim Devices and Mullion
UL 1000 Series PANIC EXIT DEVICE

PUSH BAR TYPE
Conforming to ANSI standard A 156.3
High extruded aluminum Arm House & Cross Bar
Concealed fastening

UL 1000 PANIC EXIT DEVICE (Handed)

- Suitable for Aluminum, Hollow Metal, and Wood.
  Single Doors, or Pair of Doors with Mullion.
- Dual dogging by Dogging Pin or Cylinder Key.
- Cross Bar pre-cut for 36", 42", 48" door.
- Finish: Anodize Alum/Duro.

UL 1000V CONCEALED VERTICAL ROD PANIC EXIT DEVICE (Non-Handed)

- Suitable for Aluminum and 1-3/4" Hollow Metal Door.
- Dual dogging by Dogging Pin or Cylinder Key.
- Steel Vertical Rods for added strength and endurance.
- Adjustable Top Rod ensuring proper fit for a 7' (84") door standard, variations to be specified when order.
- Cross Bar pre-cut for 36", 42", 48" door.
- Finish: Anodize Alum/Duro.

TRIM (OPTIONAL)

PH1000  Pull Handle (offset, 10")
Alum / Duro

MC1000  Mortise Cylinder
1", SC4, 6 Pins, US32D

RC1000  Rim Cylinder
SC1, 5 Pins, US26D
SC4, 6 Pins, US26D
UL 600 Series DOOR COORDINATORS

Stop-Applied Coordinators

Conforming to ANSI 156.3, TYPE 21, UL

The 600 Series Door Coordinators are widely used to control closing cycles of active doors, and inactive doors equipped with vertical rod exit device or automatic flush bolts. Coordinator with companion filler is designed to become an integral part of the door frame and when painted with frame becomes virtually invisible. It is engineered to prevent damage in case of abnormal force against active door that is held open.

Coordinator Components

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>#636 34&quot; THRU 56&quot;</td>
<td>32&quot;</td>
<td>Active Dim. A 18&quot;</td>
<td>36&quot;</td>
</tr>
<tr>
<td>#648 44&quot; THRU 76&quot;</td>
<td>42&quot;</td>
<td>Inactive Dim. B 18&quot;</td>
<td></td>
</tr>
<tr>
<td>#672 54&quot; THRU 96&quot;</td>
<td>52&quot;</td>
<td>Dim. B Widths 24&quot;</td>
<td>48&quot;</td>
</tr>
<tr>
<td>#6108 62&quot; THRU 112&quot;</td>
<td>60&quot;</td>
<td>Dim. B Widths 36&quot;</td>
<td>72&quot;</td>
</tr>
</tbody>
</table>

Optional - Filler (F) usually supplied pre-cut in 18". Advise if "S" dimension is other than 5/8".

Stop Width (Dim. D)
Standard Stop is 1-1/4", and Modified Stop Widths 1/2" to 1-1/8".

CB600 Carry Bar
Used with 600 Coordinator when the inactive door is equipped with hardware that permits it to open before the active door.
#0148/#0149 AUTOMATIC FLUSH BOLT

REVERSIBLE, NON-HANDED
Conforming to ANSI 156.3, TYPE 25

- Smooth easy action, requires only 5 Lbs Force needed to drive actuate cam and piston mechanism, meet ADA regulations.
- Steel body with stainless steel components, specially designed thermal lock automatically locks inactive door in case of fire.
- Fully automatic, when active door is opened, inactive door is free. When active door is closed, 3/4" bolt projects into the frame, securing latching for inactive leaf.
- Override feature, prevents bolt obstruction damage.
- Adjustable for unusual clearances or conditions.
- Packed : Two (2) bolts per box

#80 Dustproof Strike
3"x1-1/2"x2"
(Optional)

Frame & Sill Strike
2-1/4" x 15/16"

Active Door Strike
1-1/4" x 1-3/4"

3/4"

3/4"

Reversible Bolt Guide
1-7/8" x 1"

Top & Bottom Bolt Guide
6" x 1"

#0148(For Metal Doors)
1" x 6-3/4" Face plate
SS-1/2" Bolt, Actuate Cam

#0149(For Wood Doors)
1" x 8-1/2" Face plate
SS-1/2" Bolt, Actuate Cam