



20 SERIES EXIT DEVICE

2085 & 2086 CONCEALED VERTICAL ROD



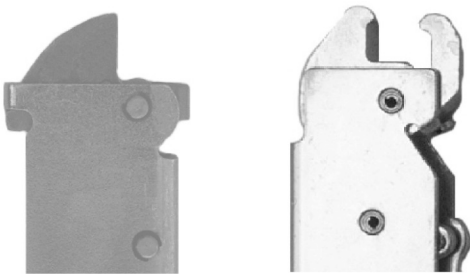
APPLICATION

- 1-3/4" (45 mm) Narrow , Medium and Wide Stile Aluminum Doors.
- Product is shipped for use with standard 1-3/4" (45 mm) Thick Doors - 2" (51 mm) Door Mounting is optional.

FEATURES

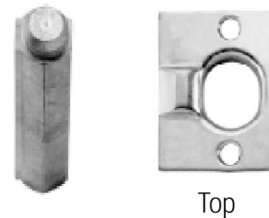
- Handed - Not Reversible
- Adjustable bolt guides allow bolt adjustment with door installed.
- Requires No. 30-821J Cylinder mounting pad when using mortise cylinder for keyed entry.
- Uses standard mortise cylinder with maximum security (MS) type cam. (Supplied by Others)
- Foam rubber silencers to quiet rod operation.
- Standard mounting package consists of machine screw type fasteners.
- Touchbar mounting height centerline at 38" (965 mm) from bottom of door.

2085 TOP LATCH



- Positive locking, spring loaded top latch design for increased security.
- Rod length shipped standard for 7/0 (2134 mm) high doors.
For doors over 7/0 (2134 mm) High:
Top Rod Extender - 12" (305 mm) No. 30-1347
Top Rod Extender - 24" (609 mm) No. 30-1348
- Top Strike No. 30-1305
- Bottom Bolt No. 30-763P
- Bottom Strike No. 30-412
- Pullman Latch (Optional) No. 30-2770

2086 TOP BOLT

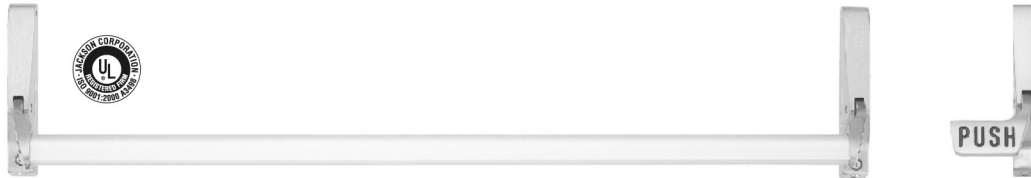


- Independent top and bottom bolt action - 1/2" (13 mm) bolt throw.
- Trigger action, positive bolt release
- Rod length shipped standard for 7/0 (2134 mm) high doors.
For doors over 7/0 (2134 mm) High:
Top Rod Extender - 12" (305 mm) No. 30-1347
Top Rod Extender - 24" (609 mm) No. 30-1348
- Top & Bottom Bolt No. 30-763P
- Top & Bottom Strikes No. 30-1084



10 SERIES EXIT DEVICE

1085 CONCEALED VERTICAL ROD



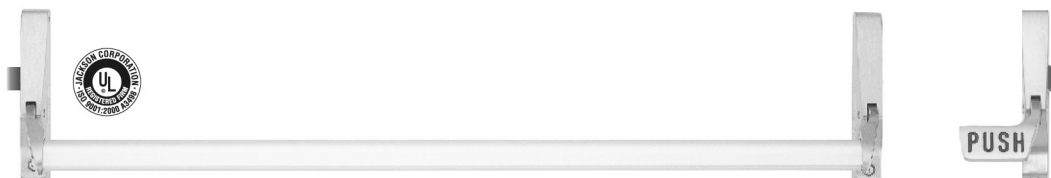
APPLICATION:

- 1-3/4" (44.5 mm) Narrow, Medium and Wide Stile Aluminum Doors.
- Product is shipped for use with standard 1-3/4" (44.5 mm) Thick Doors - 2" (51 mm) Door Mounting is optional

FEATURES:

- Non-Handed
- Independent top and bottom bolt action - 1/2" (13 mm) bolt throw.
- Trigger action, positive bolt release
- Adjustable bolt guides allow bolt adjustment with door installed.
- Requires No. 30-821J Cylinder mounting pad when using mortise cylinder for keyed entry.
- Uses standard mortise cylinder with maximum security (MS) type cam. (Supplied by Others)
- Foam rubber silencers to quiet rod operation.
- Standard mounting package consists of machine screw type fasteners.
- Crossbar mounting height 36-1/2" from bottom of door.
- Rod length shipped standard for 7/0 (2134 mm) high doors. For doors over 7/0 (2134 mm) High:
 - Top Rod Extender - 12" (305 mm) No. 30-1347
 - Top Rod Extender - 24" (609 mm) No. 30-1348
- Top & Bottom Bolt No. 30-763P
- Top & Bottom Strikes No. 30-1084

1095 RIM EXIT DEVICE



APPLICATION:

- Aluminum, wood or hollow metal Doors.
- Product is shipped for use with aluminum or hollow metal doors - Wood door mounting is optional.

FEATURES:

- Handed - Not Reversible
- Uses standard rim cylinder for keyed entry - mounting pad not necessary. (Cylinder supplied by others)
- Dual function operation - Field Selectable:
 - Standard - Key removable in unlocked position
 - Optional - Night Latch function
 - Optional - (Key removable in locked position only)
- Adjustable Strike Options:
 - Surface Mounted Strike:
 - Type "C" (Standard) . . . No. 30-2436
 - Surface Mounted for use with Applied or Blade Stop:
 - Type "S" No. 30-2501



20 SERIES EXIT DEVICE

2095 RIM EXIT DEVICE



APPLICATION

- Aluminum, Wood or Hollow Metal Doors.

FEATURES

- Uses standard rim cylinder for keyed entry - mounting pad not necessary. (Cylinder supplied by others).
- 3/4" (19 mm) Throw Deadlocking Latchbolt.
- Standard mounting package consists of machine screw type fasteners - Optional Wood Door Mounting Kit No. 30-2521
- Adjustable Strike Options:
 - Surface Mounted Strike: Type "C" (Standard).....No. 30-2436
 - Surface Mounted for use with Applied or Blade Stop: Type "S"No. 30-2501

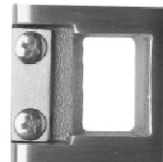
Surface Mounted
Strike - Type "C" (Standard)

No. 30-2436



Surface Mounted
for use with applied or
blade stop - Type "S"

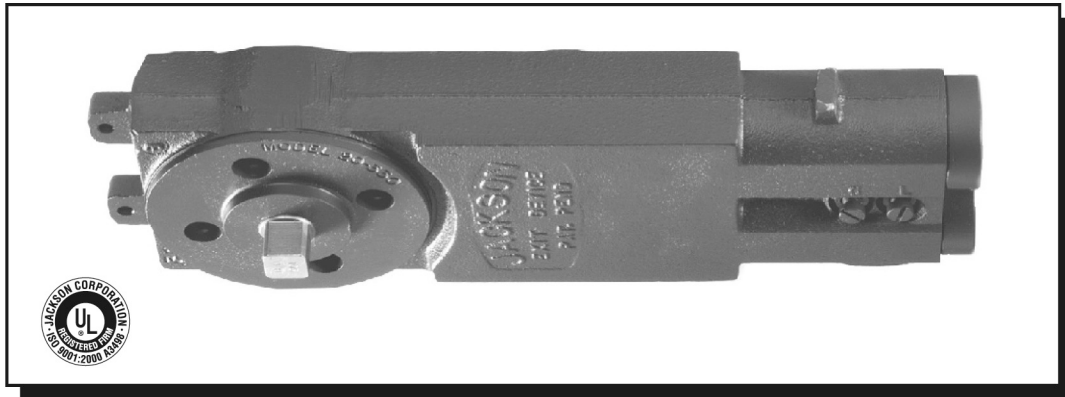
No. 30-2501



See **Access Control** section for more options.



STANDARD OVERHEAD CONCEALED CLOSERS



The Jackson 20-330 Series Overhead Concealed Closer has been the leader in the industry for more than 35 years. The closer is manufactured in the U.S.A. under strict ISO 9001 guidelines and is designed to give long lasting, maintenance-free performance. This closer is truly universal. One basic closer mechanism allows for single or double acting, center-hung or offset applications and is non-handed. Suitable for both interior and exterior installations, it provides complete door control in a compact and concealed design. Available in 4 fixed spring sizes or adjustable spring power, making this the ideal closer for aluminum, wood or hollow metal doors and frames.

TECHNICAL INFORMATION

DIMENSIONS: All Jackson 20-330 Series Overhead Closers are the same size and fit into a 1-3/4" x 4" (44.5 x 101.5mm) header.

LENGTH: 11-5/8" (295 mm)

HEIGHT: 1-1/2" (38mm)

WIDTH: 3-11/16" (94mm)

WEIGHT: Mechanism Only 8 lbs. (3.6 kg)

Center-Hung Package. 10 lbs. (4.5 kg)

Offset Package. 11lbs. (5.0 kg)

NOTE: Weights will vary depending on Package type

ACTION: Non-Handed Design
Single or Double Acting
Center-Hung or Offset Applications

WARRANTY: Guaranteed to be free from defects in materials and workmanship for 5 years from date of shipment.

ACCESSORIES: Complete selection of Arms, Pivots, Mounting Brackets and optional accessories.

OPTIONS:

• **EXTENDED LENGTH SPINDLE:**

Standard Spindle. . . 1/2" (13 mm)

Medium Spindle . . . 7/8" (22 mm)

Long Spindle . . 1-13/64" (31 mm)

FEATURES:

• **DUAL VALVE CLOSING CONTROL** - Both sweep and latch speeds are adjustable.

• **FOUR FIXED SPRING SIZES:**

XLD = Extra Light Duty

LD = Light Duty

RD = Regular Duty

HD = Heavy Duty

NOTE: See the Closer Operational and Size Selector Charts on page C2 to determine proper closer size for the application.

• **90° or 105° Swing**

• **HOLD or NON-HOLD OPEN**

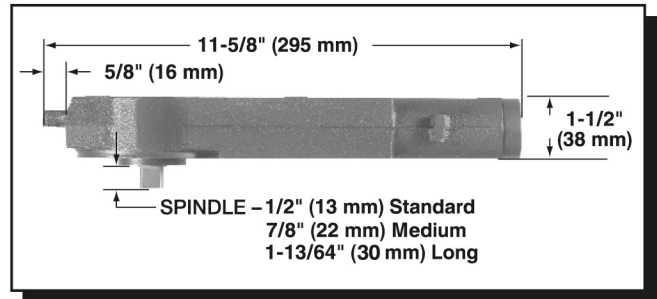
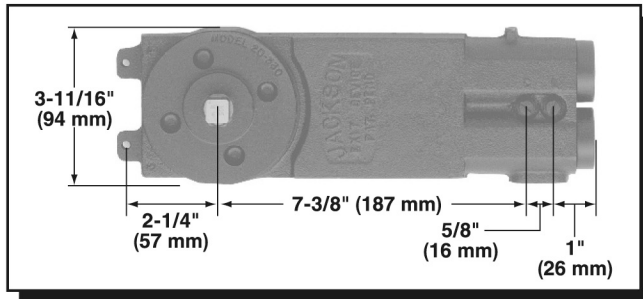
• **UL LISTED, MEETS UL228 (NON-HOLD ONLY)**

• **CUSHION BACKSTOP:** Provides cushion stop to protect both the closer and opening from damage.



STANDARD OVERHEAD CONCEALED CLOSERS

DIMENSIONS - Inch (Metric)



CLOSER OPERATIONAL DATA

APPROXIMATE OPENING FORCE IN POUNDS

	CENTER HUNG				OFFSET SLIDE-ARM			
	2/6 x 7/0	3/0 x 7/0	3/6 x 7/0	4/0 x 7/0	2/6 x 7/0	3/0 x 7/0	3/6 x 7/0	4/0 x 7/0
Adjustable				N/A				
Extra Light Duty	6	4.5	4	N/A	8	6	5.5	5
Light Duty	10	8	6	5	14	12	10	8
Regular Duty	12	10	8	6	17	14.5	13	11
Heavy Duty	17	15	13	11	N/A	19	17	15

= Adjustable opening force 5 lbs to 8.5 lbs for barrier-free applications for door width noted.

N/A = Application not recommended.

NOTE: Readings are in *pound force* required to open door and are taken at the lock stile to full degree of opening.

CLOSER SELECTION CHART

CLOSER	Maximum Interior Door	Maximum Exterior Door
Adjustable	3'-6" (1067 mm)	3'-0" (914 mm)
Extra Light Duty	3'-0" (914 mm)	2'-6" (762 mm)
Light Duty	3'-6" (1067 mm)	3'-0" (914 mm)
Regular Duty	3'-6" (1067 mm)	3'-0" (914 mm)
Heavy Duty	4'-0" (1219 mm)	3'-6" (1067 mm)

SPRING POWER ADJUSTMENT DATA

Closer leaves factory set at size *LD* for a 3'-0" (914 mm) door.

To change opening force 1 size takes approximately 4 turns

– Clockwise to increase

– Counter-clockwise to decrease

- NOTES:**
1. All recommendations are based on average conditions. Tall doors or doors that may be subjected to wind, draft or extreme air conditioning may require the next size closer
 2. An auxiliary floor or overhead door stop is always recommended to prevent structural interference and possible door and closer damage due to over-extension of maximum allowable door swing.