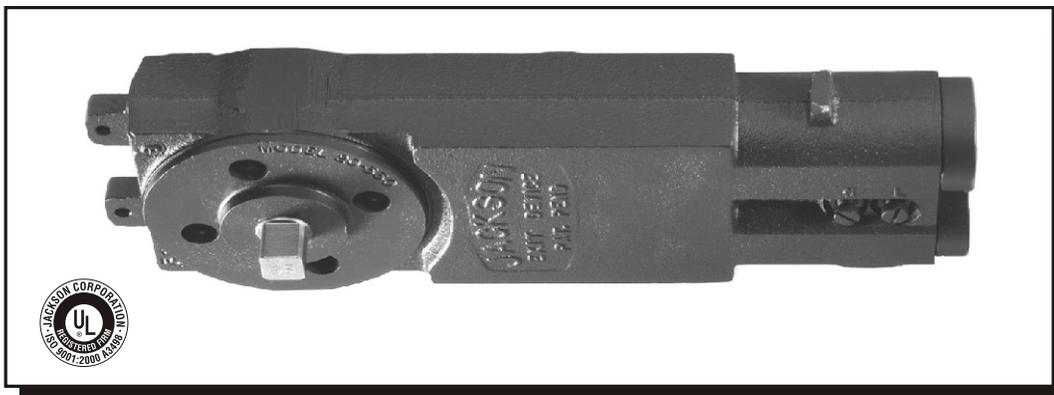




ADJUSTABLE OVERHEAD CONCEALED CLOSERS



The Jackson 20-330 Series Overhead Concealed Closer has been the leader in the industry for over 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. The adjustable spring power, makes 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 independently adjustable.

NOTE: See the Closer Operational and Size Selector Charts on page C4 to determine proper closer size for the application.

• **ADJUSTABLE SPRING POWER** - Size XLD (2) thru RD (4)
This allows you to set an opening force which will meet Barrier-Free requirements for both interior and exterior doors in one closer.

• **90° or 105° Swing**

• **HOLD or NON-HOLD OPEN**

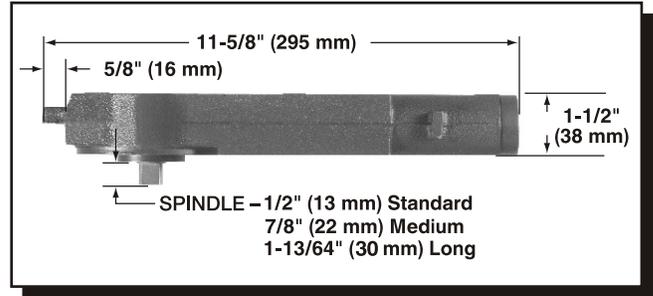
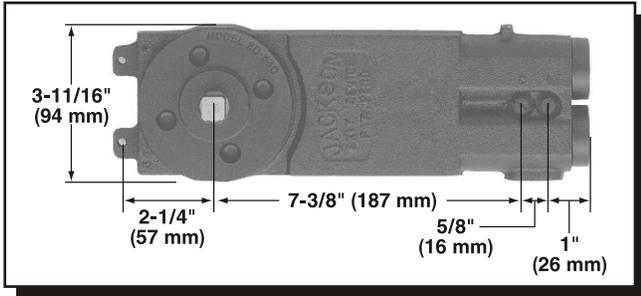
• **UL LISTED, MEETS UL228 (NON-HOLD ONLY)**

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



ADJUSTABLE 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.
- NOTES:** 2. Although the adjustable spring power closer can be adjusted to compensate for site conditions, adequate closing force may not be obtained while complying with barrier-free opening force restrictions.
- NOTES:** 3. 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.