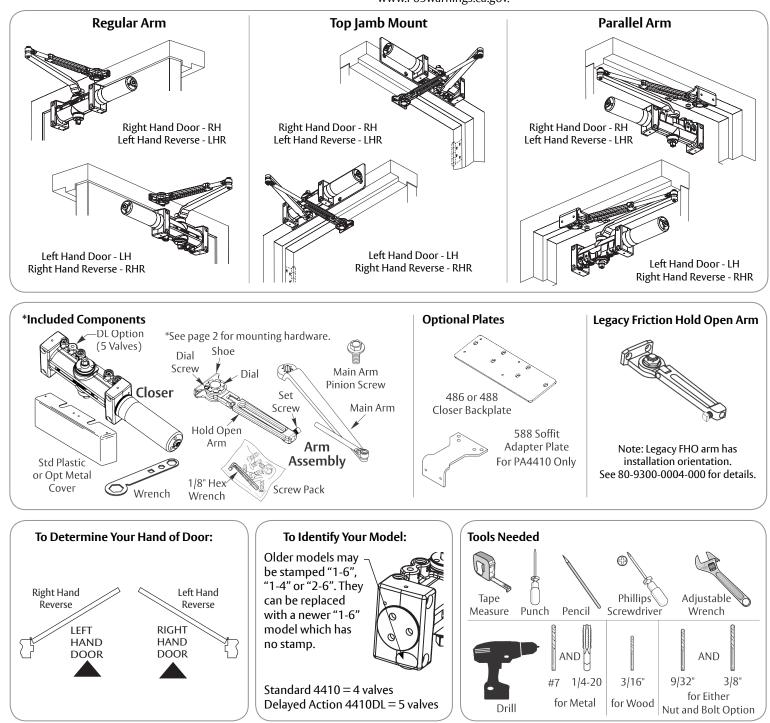
This product is now proudly being offered under the ASSA ABLOY ACCENTRA[™] brand, effective June 20, 2023. Visit YaleCommercial.com/en/Today for support and information.

4410 Hold Open Arm Models Non Handed Door Closer Adjustable (Sizes 1-6) **Regular** Arm 4410 Top Jamb Mount TI4410 Parallel Arm TIL4410 With or without DL suffix (delayed action) PA4410 With or without M suffix (metal cover)

WARNING

This product can expose you to lead which is known to the state of For more information go to www.P65warnings.ca.gov.

Ce produit peut vous exposer au plomb qui, dans l'état de la Californie, California to cause cancer and birth defects or other reproductive harm. est reconnu pour causer le cancer, des anomalies congénitales ou d'autres problèmes de reproduction. Pour plus d'informations, visitez: www.P65warnings.ca.gov.



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80-9344-3204-010 Rev 1 05/19



Before You Begin

ATTENTION:

An incorrectly installed or improperly adjusted door closer can cause property damage or personal injury. These installation instructions should be followed to avoid the possibility of misapplication or misadjustment.

- For special applications, a separate door and frame preparation template is packed with these instructions. Use these instructions for installation sequence and closer adjustments only.
- 4410 Series closing force is adjustable from 1-6 as outlined in • ANSI Standard A156.4. When closer is adjusted to conform to ADA reduced opening force requirements (5 lbs max.) for interior doors, it may not have adequate closing force to reliably close and latch door. Charted power adjustments in instructions are recommended where possible, to ensure proper door control.

Slower



- Doors should be hung on ball bearing or anti-friction hinges.
- A separate door stop is recommended.
- Always consult door/frame manufacturer for fastener compatibility.
- Door and frame must be properly reinforced.
- Adjust closing time speed between 3 and 7 seconds from 90° to 0°.
- These door closers should NOT be installed on exposed side (weather side) of exterior doors.
- Dimensions are given in inches (millimeters).

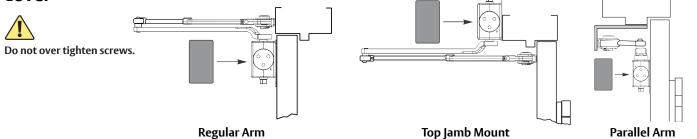
Stronger

Mounting Hardware		Door or Frame	Drill
	Closer, H/O Shoe or Optional PA Bracket: 1/4-14 x 1-1/2 Oval Flat Head Mach. Screw	Wood	3/16" (4.76mm)
Tunn	Closer, H/O Shoe or Optional PA Bracket: 1/4-20 x 3/4 Oval Flat Head Mach. Screw	Metal	Drill #7 (.201 dia. or 5.10mm) Tap 1/4-20
(Danna)	H/O Shoe to Optional PA Bracket: 1/4-20 x 1/2 Oval Flat Head Mach. Screw		
	Closer: Sleeve Nut and Bolt (SNB) (optional)	Hollow Metal	9/32" (7.00mm) thru 3/8" (9.50mm) door face opposite to closer
		Aluminum or Wood	3/8" (9.50mm) thru
	Closer: Thru Bolt and Grommet Nut (TBGN) (optional)	All	9/32" (7.00mm) thru 3/8" (9.50mm) dia. x 3/8" (9.500mm) deep, door face opposite to closer

Closer Adjustments

Normally (-(* Closed. Open to delay in door Faster Weaker Faster opening cycle. **▲**) Use provided hex wrench to turn valves. **▲** + ***** NEVER force valves out of closer. Backcheck Backcheck Spring Closing Latch Sweep on Sweep or NEVER completely close backcheck valve. **DL Closer** Delayed Action Position Power Door must be open to adjust spring closing power. Refer to specific charts on 6 installation pages. Do not use a power drill. Warranty will be void. Cover

Slower



For technical support contact Yale® at 800.438.1951

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1. Prepare door and frame. Dim A 5-5/8 1-3/4 Opening inches (mm) (143)(44.5)To 100° 7-5/8(194) 101° to 120° 6-5/8(168) 1-1/8 121° to 150° 4-5/8 (117) (29) 3/4 151° to 180° 4-1/8(105) (19)4 4-3/8 **Power Adjustment Chart** (101.6)(111.1)1-1/2 Maximum Maximum Turns (38)Exterior Interior from 2-3/8 Door Size Door Size (60.3)**Zero** inches (mm) inches (mm) 3/4 Ð 28 (711) (19) 32 (813) 5 6-3/4 36 (914) 34 (864) 8-1/2 (171.5) 38 (965) 42 (1067) Hinge or Pivot
Hinge 11 12-3/8 (314.3)42 (1067) 52 (1321) 13-1/2 7786 Backplate 48 (1219) Mounting Hole Only 60 (1524) 16-1/2 NOTE: Maximum of 16-1/2 turns (360°) of Power Adjustment Nut. 3a. Remove dial from 2. Mount closer to door. 3b. Install separate arms. Hold Open arm. **RH and LH:** Position flat at S Flat ę x2 **Closer tube AWAY** from hinge. Left and right hand. **Dial DOWN** Left and Right Hand 4. Connect arms, preload spring 5. Set Hold Open. Keep door open in position until dial screw secures dial. and tighten set screw. 90° min. - 180° 90° min. - 180° 1st 1st (i) **Rotating arm** 'n preloads closer 1st spring power. 2nd 3rd 2nd 2nd 3rd 3rd RH: LH: Counter clockwise to Clockwise Rotate elbow until to tighten. tighten. Hold Open arm is perpendicular to frame. You've installed the 4410 Hold Open Closer - Regular Arm.

Go to page 2 for closer adjustments and cover installation.

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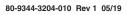




1. Prepare door and frame. **Dimension A** 6-3/4 (171.5)Opening inches (mm) 12-3/8 7-5/8 (194) To 100° (314.3) 4-3/8 4 101° to 120° 6-5/8 (168) (101.6) (111.1)121° to 150° 4-5/8 (117) 151° to 180° 4-1/8 (105) 3/4 Æ (19) 2-3̈/8 **Power Adjustment Chart** (60.3)Maximum Maximum Turns Interior Exterior from Door Size Door Size Zero 1-1/8 1-5/8 inches (mm) inches (mm) 3/8 * (29) (41) (10)28 (711) 32 (813) 5 34 (864) 8-1/2 7786 Backplate 36 (914) Mounting Hole Only 5-5/8 42 (1067) 38 (965) 11 (44.5)(143)* Always use frame or transom 42 (1067) 52 (1321) 13-1/2 rabbet as reference plane, not 60 (1524) 48 (1219) 16-1/2 Hinge or Pivot 4 bottom of stop. NOTE: Maximum of 16-1/2 turns (360°) of Power Adjustment Nut. 2. Mount optional backplate 3a. Remove dial from 3b. Install separate arms. and/or closer to frame. Hold Open arm. Flat ā Dial DOWN **Closer tube AWAY** Left and Right from hinge. Hand Left and right hand. RH and LH: Position flat at S 4. Connect arms, preload spring 5. Set Hold Open. Keep door open in position until dial screw secures dial. and tighten set screw. 1st 1st 0 (i) 70° 70 **Rotating arm** to to preloads closer (**90**' 180 80 spring power. 3rd 1st 2nd Rotate elbow until Hold Open 3rd 3rd 2nd 2nd ! arm is perpendicular to frame. RH: Clockwise to tighten. LH: Counter clockwise to tighten. You've now installed the 4410 Hold Open Closer - Top Jamb Mount.

Go to page 2 for closer adjustments and cover installation.

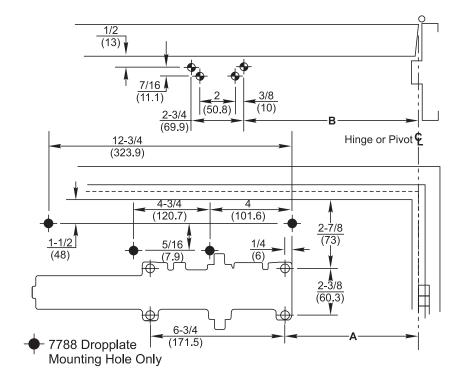
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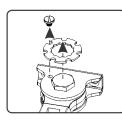
1. Prepare door and frame.



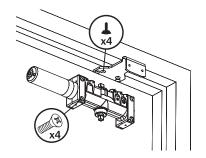
	Dimension A	Dimension B
Opening	inches(mm)	inches (mm)
To 100°	8-3/4 (222)	9-1/4 (235)
101° to 130°	7-1/4 (184)	7-3/4 (197)
131° to 150°	6-1/4 (159)	6-3/4 (171)
151° to 180°	5-1/4 (133)	5-3/4 (146)

Power Adjustment Chart				
Maximum Interior Door Size inches (mm)	Maximum Exterior Door Size inches (mm)	Turns from Zero		
30 (762)	26 (660)	7		
34 (864)	30 (762)	9		
38 (965)	36 (914)	12-1/2		
48 (1219)	42 (1067)	14-1/2		
54 (1372)	48 (1219)	16-1/2		
NOTE: Maximum of 16-1/2 turns (360°) of Power Adjustment Nut.				

2. Remove dial from Hold Open arm.

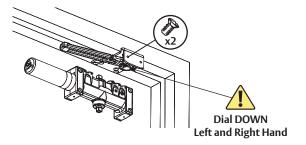


3. Install soffit plate and mount closer.

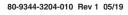




4. Install Hold Open arm to plate.

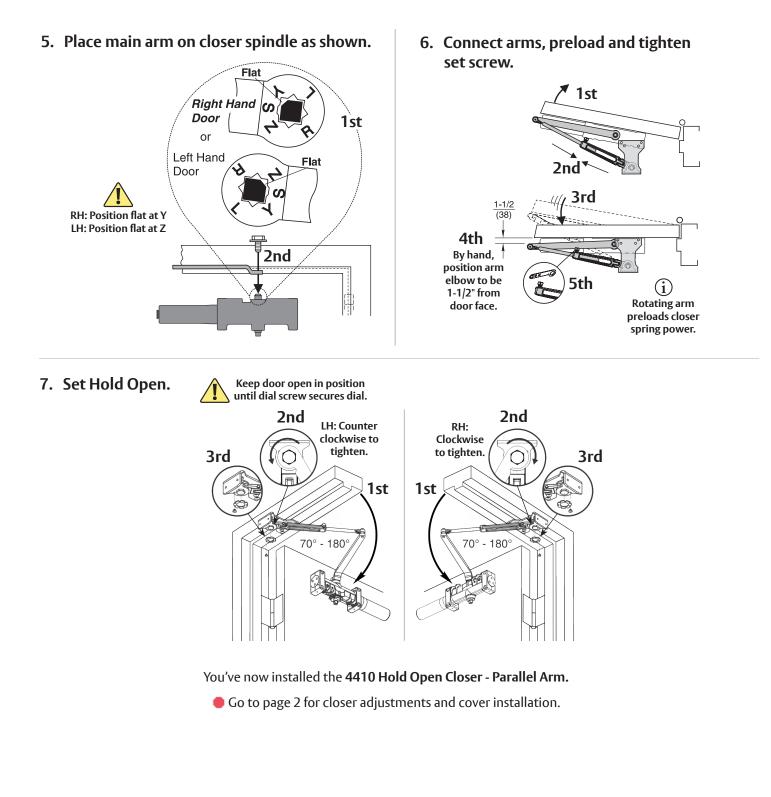


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