STANDARD MOUNT (PULL SIDE)  TOP JAMB MOUNT (PUSH SIDE)  PARALLEL MOUNT (PUSH SIDE)

MAXIMUM DOOR WIDTH

<table>
<thead>
<tr>
<th>EXTERIOR DOORS</th>
<th>INTERIOR DOORS</th>
<th>FULL TURNS REQUIRED</th>
</tr>
</thead>
<tbody>
<tr>
<td>_______</td>
<td>5 lb-f&quot;</td>
<td>5 TURNS C.C.W.</td>
</tr>
<tr>
<td>8.5 lb-f&quot;</td>
<td>34&quot;</td>
<td>2 TURNS C.C.W.</td>
</tr>
<tr>
<td>30&quot;</td>
<td>38&quot;</td>
<td>0 TURNS</td>
</tr>
<tr>
<td>36&quot;</td>
<td>48&quot;</td>
<td>5 TURNS C.W.</td>
</tr>
</tbody>
</table>

HOW TO TELL HAND OF DOOR

LEFT HAND DOOR  RIGHT HAND DOOR

CONTROL RANGE

Spring Power Adjustment

Back Check

Closing

Latch
STANDARD INSTALLATION
CLOSER MOUNTED ON DOOR ON PULL SIDE

2 Holes for Self drilling/tapping machine screws, Wood screws or 1/4-20 Machine Screws.

1. Adjust spring power to match door width as indicated by chart on front page.
2. Mount closer on door as dimensions shown. Tube end toward hinge. If pivots are used, locate closer and shoe from CENTERLINE OF PIVOT.
3. Place main arm on top of shaft 100° to closer body, insert arm screw into top of shaft and tighten.
4. Attach shoe to frame as shown, if more latching power is required, rotate shoe 180°
5. Open door and insert rod in forearm.
6. With forearm at right angle to door (90°), insert forearm set screw and tighten.

REGULATION:
A 'Normal' closing time from 90° open position to door stop position is 4-6 secs, evenly divided between main swing speed and latch swing speed. Use allen wrench (furnished) to adjust speed. To slow main speed of door, turn regulating screw nearest shaft clockwise. To slow latch speed, turn regulating screw nearest hinge clockwise.

BACK CHECK
To increase back-check force, turn regulating screw nearest hinge clockwise. DO NOT USE ABRUPT BACKCHECK OR EXPECT DOOR CLOSER TO ACT AS A DOOR STOP.

COVER
Place insert in proper cutout, then push cover against door frame. Tighten both cover screws securely.

IMPORTANT: When door closer is set to 5lbs to meet ADA compliance or ANSI A117.1 it may not close and latch the door every time the door closes.
TOP JAMB INSTALLATION
CLOSER MOUNTED TOP JAMB ON PUSH SIDE OF DOOR

**Recommended mounting locations for meeting ADA compliance**

<table>
<thead>
<tr>
<th>OPENING</th>
<th>&quot;A&quot;</th>
<th>&quot;B&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>TO 100°</td>
<td>7-5/16&quot;</td>
<td>11-13/16&quot;</td>
</tr>
<tr>
<td>TO 130°</td>
<td>6-1/4&quot;</td>
<td>10-13/16&quot;</td>
</tr>
</tbody>
</table>

**RECOMMENDATIONS**

1. Adjust spring power to match door width as indicated by chart on front page.
2. Mount closer on jamb as dimension shown. Tube end toward hinge. If pivots are used, locate closer and shoe from CENTERLINE OF PIVOT.
   (For offset pivots, pls increase the marked dimensions by 1/8")
3. Place main arm on top of shaft 100° to closer body, insert arm screw into top of shaft and tighten.
4. Attach shoe to frame as shown. (If more latching power is required, rotate shoe 180°)
5. Open door and insert rod in forearm—for reveal 2 5/8" through 4 13/16" use long rod. For reveals 4 7/8" to 8" use FOREARM ENTEATER(ROD)—available from dealer.
6. With forearm at right angle to door (90°), insert forearm set screw and tighten.

**REGULATION:**
A "Normal" closing time from 90° open position to door stop position is 4-6 sec, evenly divided between main swing speed and latch swing speed. Use allen wrench (furnished) to adjust speed. To slow main speed of door, turn regulating screw nearest shaft clockwise. To slow latch speed, turn regulating screw nearest hinge clockwise.

**BACK CHECK**
To increase back-check force, turn regulating screw nearest hinge clockwise. DO NOT USE ABRUPT BACKCHECK OR EXPECT DOOR CLOSER TO ACT AS A DOOR STOP.

**COVER**
Place insert in proper cutout, then push cover against door frame. Tighten both cover screws securely.

**IMPORTANT:** When door closer is set to 5lbs to meet ADA compliance or ANSI A117.1 it may not close and latch the door every time the door closes.
1. Before installation, (parallel arm), turn Back Check selector valve (found on the opposite side of closer) ALL THE WAY IN (CLOCKWISE).
2. Adjust spring power to match door width as indicated by chart on page 1.
3. Mount closer on door as dimensions shown. Tube end toward latch. If pivots are used, locate closer and parallel bracket from CENTERLINE OF PIVOT.
4. Place open end wrench on bottom shaft and turn toward hinge jamb about 30° and then place main arm on top shaft, insert arm screw into top of shaft and tighten.
5. Attach arm bracket using dimensions shown.
6. Attach rod and shoe to parallel bracket as shown.
7. Insert rod into forearm, and then adjust length of forearm so main arm is parallel to the door. Then insert forearm set screw and tighten.

REGULATION:
A Normal closing time from 90° open position to door stop position is 4-6 secs. evenly divided between main swing speed and latch swing speed. Use Allen wrench (furnished) to adjust speed. To slow main speed of door, turn regulating screw nearest shaft clockwise. To slow latch speed, turn regulating screw nearest hinge clockwise.

BACK CHECK
To increase back-check force, turn regulating screw nearest hinge clockwise. DO NOT USE ABRUPT BACKCHECK OR EXPECT DOOR CLOSER TO ACT AS A DOOR STOP.

COVER
Place insert in proper cutout, then push cover against door frame. Tighten both cover screws securely.
IMPORTANT: When door closer is set to 5 lbs to meet ADA compliance or ANSI A117.1 it may not close and latch the door every time the door closes.