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

Regular Arm Installation

Closer mounts on hinge side of door (pull side)

See Page 3.
Closer cover not shown.

Left hand door-LH
Right hand door-RH

Top Jamb Installation

Closer mounts on frame, opposite hinge side of door (push side)

See Page 4.
Closer cover not shown.

Left hand door-LH
Right hand door-RH

Parallel Arm Installation

Closer mounts opposite of hinge side of door (push side)

See Page 5.
Closer cover not shown.

Left hand door-LH
Right hand door-RH
Components:

- It is recommended that the door be hung on ball bearing type hinges so door swings freely.
- A separate door stop (supplied by others) is recommended to prevent damage to the door closer, closer arm, the door, frame or adjacent walls.
- Door and frame must be properly reinforced or through bolts used to prevent the mounting screws from pulling out.

**Figure 1**

**Figure 2**

**Preparation for Fasteners**

<table>
<thead>
<tr>
<th>Fasteners</th>
<th>Door or Frame</th>
<th>Drill Sizes</th>
<th>Where Used</th>
<th>*Drill Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self Drilling/Tapping Machine Screw</td>
<td>Hollow Metal or Aluminum</td>
<td>3/16&quot;</td>
<td>Closer</td>
<td>Through one side</td>
</tr>
<tr>
<td>1/4&quot;-20 Machine Screw</td>
<td>Hollow Metal or Aluminum</td>
<td>#7 (.201&quot;) Drill bit &amp; 1/4&quot;-20 Tap</td>
<td>Closer &amp; Parallel Arm (PA) Plate / Foot</td>
<td>5/8&quot; – Closer</td>
</tr>
<tr>
<td>Wood Screw</td>
<td>Wood</td>
<td>5/32&quot; Drill Bit – Softwood 3/16&quot; Drill Bit – Hardwood</td>
<td>Closer &amp; PA Plate / Foot</td>
<td>1-1/4&quot;</td>
</tr>
</tbody>
</table>

* Measure door thickness before drilling pilot holes to prevent drilling through opposite side
**REGULAR ARM INSTALLATION**
**UH4061 & UH4062 INSTALLATION INSTRUCTIONS**

**INSTALLATION SEQUENCE**

1. Select degree of opening and use dimensions shown to locate 4 holes on door for closer body and 2 holes on frame face for forearm shoe.
2. Prepare door and frame for fasteners (See Preparation for Fasteners, Page 2, Figure 2).
3. Before installing closer body, set spring power for closer using Power Adjustment Chart below.
4. Install closer on door with speed regulating valves towards the hinge.
5. Disassemble forearm from main arm by removing forearm screw (See Figure 1). Fasten forearm shoe and forearm to frame face.
7. Reassemble arm. Adjust forearm length so that it will be perpendicular (at a 90° angle) to the door face. Secure with forearm screw.
8. Adjust closer (See page 6) and install cover.

**Power Adjustment Chart**

<table>
<thead>
<tr>
<th>DOOR SIZE (INCHES)</th>
<th>Full clockwise turns of closer power adjustment nut (from &quot;0&quot; turns)</th>
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<tbody>
<tr>
<td></td>
<td>INTERIOR DOOR</td>
</tr>
<tr>
<td>24&quot; - 30&quot; (61 cm - 76 cm)</td>
<td>-7</td>
</tr>
<tr>
<td>30&quot; - 34&quot; (76 cm - 86 cm)</td>
<td>-3</td>
</tr>
<tr>
<td>34&quot; - 38&quot; (86 cm - 97 cm)</td>
<td>0</td>
</tr>
<tr>
<td>38&quot; - 48&quot; (97 cm - 122 cm)</td>
<td>4</td>
</tr>
<tr>
<td>48&quot; - 54&quot; (122 cm - 137 cm)</td>
<td>8</td>
</tr>
<tr>
<td>54&quot; - 60&quot; (137 cm - 152 cm)</td>
<td>13</td>
</tr>
</tbody>
</table>

NOTE: Maximum of 20 turns (360°) of power adjustment nut.
Closer is shipped at 7 turns from the factory.

**Main Arm Installation Instructions**

- **Top View**
- **Left Hand Door**
- **Right Hand Door**

- **L & S Valves**
- **Main Arm Preload**
- **Arm Mark**
- **Pinion Flat**

**NOTE:** Maximum of 20 turns (360°) of power adjustment nut. Closer is shipped at 7 turns from the factory.
**TOP JAMB INSTALLATION**

**UH4061 & UH4062 INSTALLATION INSTRUCTIONS**

**INSTALLATION SEQUENCE**

1. Select degree of opening and use dimensions shown to locate 4 holes on frame face for closer body and 2 holes on door for forearm shoe.
2. Prepare door and frame for fasteners (See Preparation for Fasteners, Page 2, Figure 2).
3. Before installing closer body, set spring power for closer using Power Adjustment Chart below.
4. Install closer on door with speed regulating valves towards the hinge.
5. Disassemble forearm from main arm by removing forearm screw (See Figure 1). Fasten forearm shoe and forearm to door face.
7. Reassemble arm. Adjust forearm length so that it will be perpendicular (at a 90° angle) to the door face. Secure with forearm screw.
8. Adjust closer (See page 6) and install cover.

---

**Power Adjustment Chart**

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**NOTE:** Maximum of 20 turns (360°) of power adjustment nut. Closer is shipped at 7 turns from the factory.
PARALLEL ARM INSTALLATION
UH4061 & UH4062 INSTALLATION INSTRUCTIONS

For Customer Care Call Toll Free 800-562-5625 or info@hamptonproducts.com

Left hand door shown

Opening Dimensions "A" Dimensions "B"
To 120° 9-1/2" 3-3/4" (95 mm)
To 180° 7" 1-1/4" (32 mm)

Main Arm Installation Instructions

INSTALLATION SEQUENCE
1. Select degree of opening and use dimensions shown to locate 4 holes on door for closer body and 4 holes underside of frame for PA plate.
2. Prepare door and frame for fasteners (See Preparation for Fasteners, Page 2, Figure 2).
3. Before installing closer body, set spring power for closer using Power Adjustment Chart below.
4. Install closer on door with power adjustment value towards the hinge.
5. Mount parallel arm plate to frame. Disassemble forearm from main arm by removing forearm screw. Remove forearm shoe from forearm and attach forearm to parallel plate with forearm shoe screw (See Figure 1).
6. Install main arm on pinion shaft (See Main Arm Installation Instructions, to right.).
7. Reassemble main arm to forearm. Preload is accomplished by adjusting forearm length so that it will set arm elbow about 1-1/2" (38mm) from the door face when connected to the main arm. Secure with forearm screw.
8. Adjust closer (See page 6) and install cover.

Power Adjustment Chart

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NOTE: Maximum of 20 turns (360°) of power adjustment nut. Closer is shipped at 7 turns from the factory.

Use adjustable wrench to rotate spindle 45° counter-clockwise for right hand door or clockwise for left hand door. Place main arm on spindle so that the “R” (Right hand door) or “L” (Left hand door) lines up with spindle flat. Secure main arm and spindle by tightening spindle bolt.
Closer Adjustment

Closing Speed Controls (Figures 1 and 2)
- Valve "S" controls sweep range
- Valve "L" controls latch range

Closing Speed Controls

Closing Power Control (Figure 3)
- Adjusted as required (see charts on pages 3, 4, & 5)

Opening Door Control (Figures 4 and 5)
- Backcheck Valve controls the hydraulic resistance to door opening. Never close this valve completely — it is not to provide a position stop.