GC8700 SERIES DOOR CLOSERS
INSTALLATION INSTRUCTIONS

MOUNTING OPTIONS:

Regular Arm(Pull Side)
Top Jamb(Push Side)
Parallel Arm(Push Side)

PLEASE READ THIS INSTRUCTION CAREFULLY BEFORE INSTALLATION; WE WON’T BE RESPONSIBLE FOR ANY RESULTS WHICH ARE CAUSED BY IMPROPER INSTALLATION.

SPARE PARTS OF CLOSERS

HOW TO TELL HAND OF DOOR.

This is a left hand door
This is a right hand door

DOOR CLOSING CONTROL

ATTENTION: Adjust closing time between 4 to 6 seconds from 90° USE of the door by handicapped, elderly or small children may require longer closing time.

DOOR OPENING CONTROL

ATTENTION: Backcheck(“BC”) valve controls the hydraulic resistance to door opening in backcheck range. NEVER close this valve completely. it is not to provide a positive stop.
TECHNICAL DIMENSIONS

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Dimension “A”</th>
<th>Opening Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series No.</td>
<td>Inch</td>
<td>mm</td>
</tr>
<tr>
<td>GC8700</td>
<td>7</td>
<td>178</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>152</td>
</tr>
<tr>
<td></td>
<td>3-1/2</td>
<td>89</td>
</tr>
</tbody>
</table>

Right hand door illustrated. Same dimensions apply to left hand door. Measured from hinge Center. Dimensions are in inches (mm)

INSTALLATION STEPS:
1. Select opening degree of the door. USE Dimensions as shown to drill mounting holes on door leaf and frame.
2. Assemble main arm to closer pinion spindle.
3. Attach the closer body to door leaf with speed regulating valves toward hinge.
4. Attach the foot and rod to the door frame.
5. Adjust length of the forearm to position forearm at right angle to the door frame when connected to main arm at elbow. USE Washer and screw provided to secure pivot connection. Tighten locknut on forearm.
6. Snap pinion cap over spindle at bottom of closer.
7. Adjust closer.

SAFETY CAUTION:
IMPROPER INSTALLATION MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE. FOLLOW ALL INSTRUCTIONS CAREFULLY PLEASE.
INSTALLATION STEPS:

1. Select opening degree of the door. USE Dimensions as shown to drill mounting holes on door leaf and frame.
2. Assemble main arm to the closer spindle.
3. Attach the closer body to door frame with speed regulating valves toward the hinge.
4. Attach the foot and rod on the door leaf.
5. Adjust length of the forearm to position forearm at right angle to the door leaf when connected to main arm at elbow. USE Washer and screw provided to secure pivot connection. Tighten locknut on forearm.
6. Snap pinion cap over spindle at bottom of the closer.
7. Adjust closer. (Same as Page 2)

TECHNICAL DIMENSIONS:

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Dimension“A”</th>
<th>Opening Angle</th>
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</thead>
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<tr>
<td>Series No.:</td>
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</table>

IMPROPER INSTALLATION MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE. FOLLOW ALL INSTRUCTIONS CAREFULLY PLEASE.
PARALLEL ARM MOUNTING (PUSH SIDE)

TECHNICAL DIMENSIONS:

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Series No.</th>
<th>Dimension A</th>
<th>Dimension B</th>
<th>Opening Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GC8700</td>
<td>Inch</td>
<td>mm</td>
<td></td>
</tr>
<tr>
<td>9-1/4</td>
<td>235</td>
<td>7-5/8</td>
<td>194</td>
<td>TO 100°</td>
</tr>
<tr>
<td>7-3/4</td>
<td>197</td>
<td>5-1/8</td>
<td>156</td>
<td>101° TO 131°</td>
</tr>
<tr>
<td>5-3/4</td>
<td>146</td>
<td>4-1/8</td>
<td>105</td>
<td>OVER 131°</td>
</tr>
</tbody>
</table>

INSTALLATION STEPS:

1. Select opening angle of the door. USE dimensions shown in chart and illustration above to drill mounting holes on door frame and leaf.
2. Attach closer to door leaf with speed regulating valves away from hinge.
3. Attach PA plate to top frame as shown.
4. Remove foot from forearm and discard it.
5. Install main arm on pinion shaft. Rotate pinion 45° toward hinge edge of door to align main arm letter "B" (Right hand door) or "A" (Left hand door) with pinion flat. Fasten with arm screw.
6. Fasten forearm to PA plate.
7. Adjust forearm length to set the arm elbow about 1-1/2" (38mm) from door when connected to main arm. USE washer and screw provided to secure pivot connection. Tighten locknut.
8. Snap pinion cap over spindle at bottom.
9. Adjust closer. (Same as Page 2)

Caution: IMPROPER INSTALLATION MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE. FOLLOW ALL INSTRUCTIONS CAREFULLY PLEASE.