

Non Hold Open Door Closers — **Parallel Arm** DHDC 8600

7 Open Valves Right Hand Door or Left Hand Door. Flat. A. Caution: Don't remove valves.

8 Assemble Arm Sweep. Latch.

9 Assemble Arm.

10 Arm Screw 1-1/2 (38).

11 Spring Power Adjust

12 Sweep

13 Latch

14 Backcheck Caution: Don't completely close valves.

15 OPTIONAL DELAY ACTION Adjust delay action accordingly to obtain desired delay time.

16 Pinion Cap or Optional Cover

Non Hold Open Door Closers — **Top Jamb Arm** DHDC 8600

1 Parts Covers. Optional.

2 Mark and Drill Holes 12 (304.8), 3/4 (19), A, Top of Frame, 1-7/8 (38), 1-3/4 (44), 5-1/2 (140), 1/2 (13), Reveal.

| Opening | Dimension "A" |
|--------------|---------------|
| To 100" | 7-1/2 (191) |
| 101" to 130" | 6 (152) |
| 131" to 180" | 4-1/2 (114) |

Inches (mm) Right Hand Shown * Door/Wall/Hardware/Jamb conditions permitting. Alonger connecting rod is required for reveals greater than 3 (76).

3 Installation Sequence

4 Sweep

5 Latch

6 Backcheck Caution: Don't completely close valve.

7 OPTIONAL DELAY ACTION Adjust delay action accordingly to obtain desired delay time.

8 Pinion Cap or Optional Cover

Adjustments Page DHDC 8600

(Use 1/8" Hex Wrench for these Adjustments)

OPTIONAL DELAY ACTION Adjust delay action accordingly to obtain desired delay time.

Spring Power Adjust (Use 1/8 Hex Wrench for this Adjustment)

| MAXIMUM DOOR WIDTH | | FULL TURNS REQUIRED |
|--------------------|----------------|---------------------|
| EXTERIOR DOORS | INTERIOR DOORS | |
| — | 5 lb-ft* | 5 TURNS C.C.W. |
| 8.5 lb-ft* | 34" (864) | 3 TURNS C.C.W. |
| 30" (762) | 38" (962) | 0 TURNS |
| 36" (914) | 48" (1219) | 5 TURNS C.W. |
| 42" (1067) | 54" (1372) | 10 TURNS C.W. |
| 48" (1219) | 60" (1524) | 15 TURNS C.W. |

*15 Full (360°) turns maximum available. Closer was set down as size 3 from the factory originally.

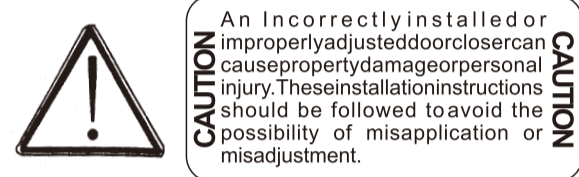
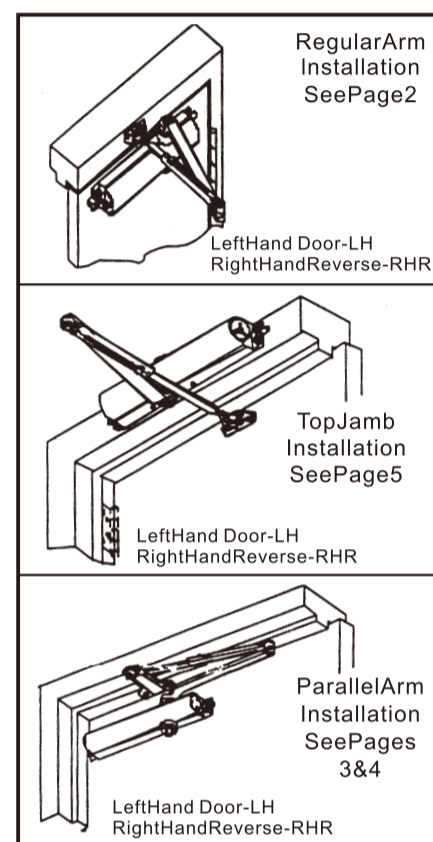
Arm Placement in Shoe: 7-1/2% stronger (+) or 7-1/2% weaker (-)

Installation instructions/operation instructions DOOR CLOSER

DHDC 8600

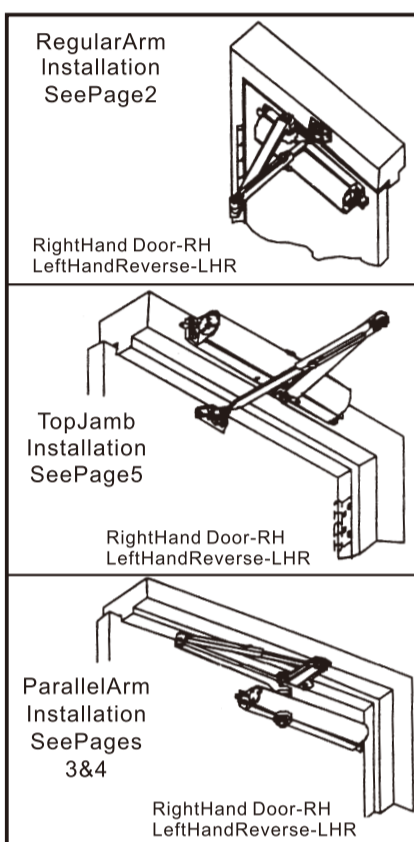
Non Hold Open Models

Non Handed Door Closer



NOTE: For special applications a separate door and frame preparation template is packed with these instructions. Use this instruction sheet for installation sequence and closer adjustments only.

- Doors should be hung on ball bearing or Anti-friction hinges.
- A separate door stop is recommended.
- Door and frame must be properly reinforced.
- Adjust closing time speed between 3 and 7 seconds from 90° to 0°. Greater closing Times may be required for elderly or handicapped.



- These door closers should NOT be installed on the exposed side (weather side) of exterior doors.

| | | | | |
|--|---|---------------------------------|---|---|
| | <p>Metal</p> <p>#7</p> <p>1/4-20</p> | <p>Wood</p> <p>3/16"</p> | <p>(Optional)</p> <p>Self-Drilling Screws Wood and Metal</p> <p>For Wood drill 3/16 hole</p> <p>Machine Screws</p> <p>#7 Drill, 1/4-20 Tap</p> | <p>Sleeve Nut and Bolt</p> <p>Drill 9/32 thru from Closer Side 3/8 Drill on other side</p> <p>Thru Bolt and Gronmet Nut</p> <p>Drill 9/32 thru from Closer Side 3/8 Drill on other side</p> |
| | | | | |

Non Hold Open Door Closers — Regular Arm

DHDC 8600

Parts

Mark and Drill Holes

Right Hand Shown

| Opening | Dimension 'A' | Inches (mm) |
|--------------|---------------|-------------|
| To 100" | 7-1/2 (191) | |
| 101" to 130" | 6 (152) | |
| 131" to 180" | 4-1/2 (114) | |

* Door/Wall/Hardware/Jamb conditions permitting

Installation Sequence

Sweep

Latch

Backcheck

Caution: Don't completely close valve

Pinion Cap or Optional Cover

Adjust delay action accordingly to obtain desired delay time

Non Hold Open Door Closers — Parallel Arm

DHDC 8600

Parts

Mark and Drill Holes

Right Hand Shown

| Door Opening | A | B |
|---------------|-------------|------------|
| To 120" | 9-1/2 (241) | 3-3/4 (95) |
| *121" to 180" | 7 (178) | 1-1/4 (32) |

* Door/Wall/Hardware/Jamb conditions permitting

Installation Sequence

Close Valves

Install Closer and Bracket

Preload Closer

Place Arm on Spindle

Rotate

Remove Arm from Spindle