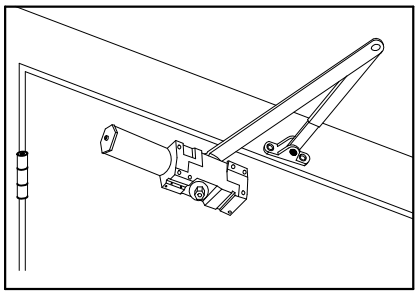
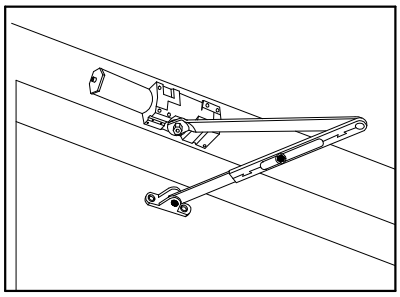
C8000 Series Door Closer
Surface Mounted
Adjustable & Preset "Back Check"
Optional: Delayed Action (DA)
Non Hold-Open / Hold-Open

MODEL : C8000 ADJ 1-6 INSTALLATION INSTRUCTIONS

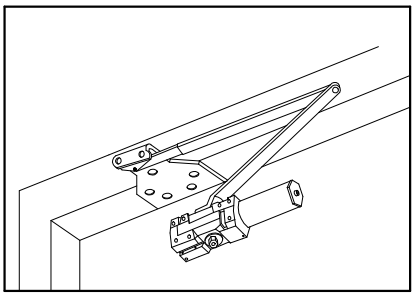
MOUNTING OPTIONS：



REGULAR ARM MOUNT
(PULL SIDE)

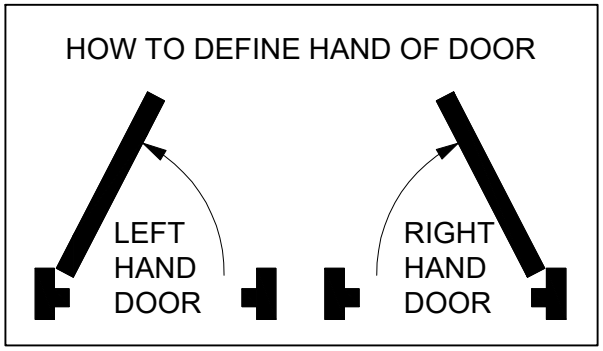


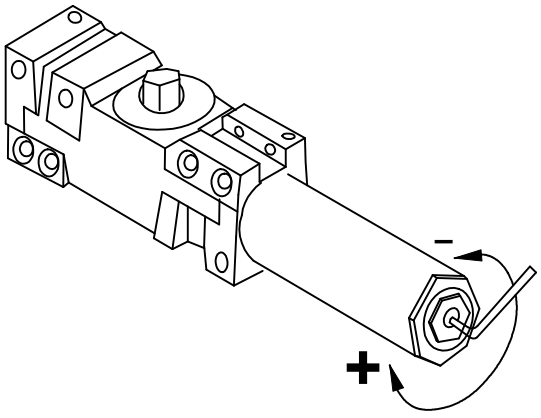
TOP JAMB MOUNT
(PUSH SIDE)



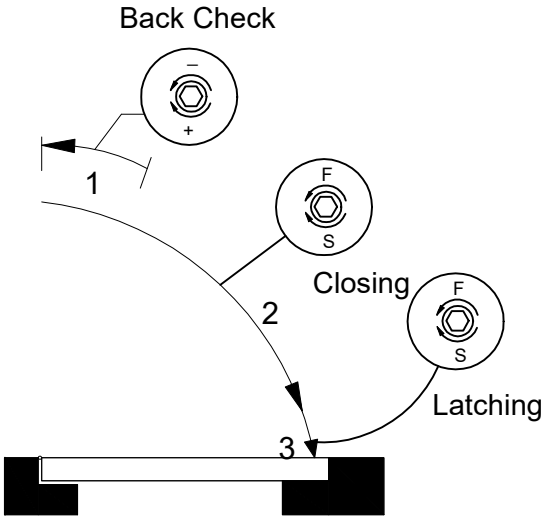
PARALLEL ARM MOUNT
(PUSH SIDE)

MAXIMUM DOOR WIDTH		FULL TURNS REQUIRED
EXTERIOR DOORS	INTERIOR DOORS	
————	28"(711)	5 TURNS C.C.W.
————	36"(914)	2 TURNS C.C.W.
30"(762)	42"(1067)	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.





Spring Power Adjustment

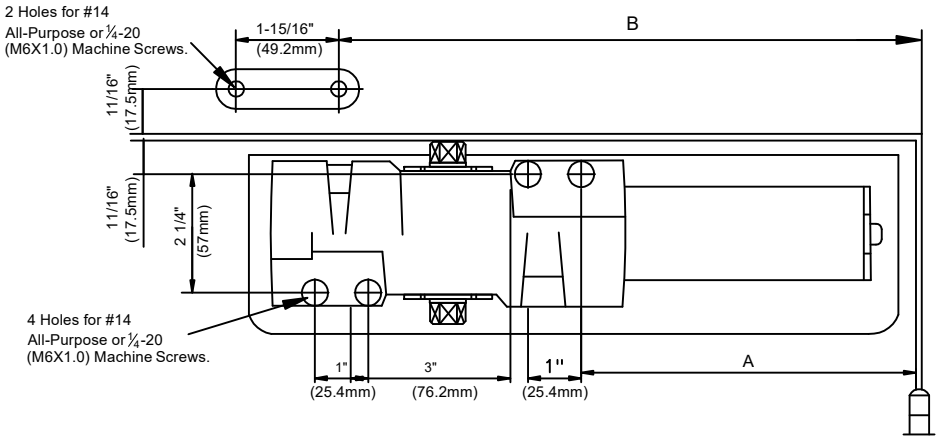


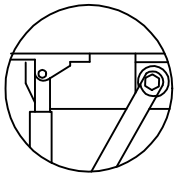
Control Range

C8000 Series Door Closer
Surface Mounted
Adjustable & Preset "Back Check"
Optional: Delayed Action (DA)
Non Hold-Open / Hold-Open

Installation Instructions for REGULAR ARM (PULL SIDE) Mounting

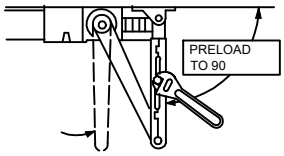
TECHNICAL DIMENSIONS:

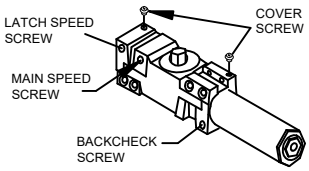


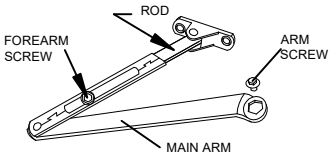


OPENNING	"A"	"B"
TO 100	7-5/16" (185mm)	11-13/16" (300mm)
TO 130	6-¼" (159mm)	10-13/16" (275mm)

- Left hand door shown
- Right hand door opposite
- Dimensions are in inches (mm)
- Not to scale drawing







INSTALLATION STEPS:

1. Adjust spring power to match door width as indicated by chart on page 1.
2. Mount closer on door as dimensions shown. Tube end toward hinge. If pivots are used, locate closer and shoe from CENTERLINE OF PIVOT. (For offset pivots, increase the marked dimensions by ⅛").
3. Place main arm on top 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. (IF HOLD OPEN ARM IS USED, THE NUT IS ON THE TOP FOR RH DOOR AND BOTTOM FOR LH DOOR).

SPEED AND BACKCHECK ADJUSTMENT:
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 socket key 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. To increase backcheck force, turn regulating screw nearest hinge clockwise.

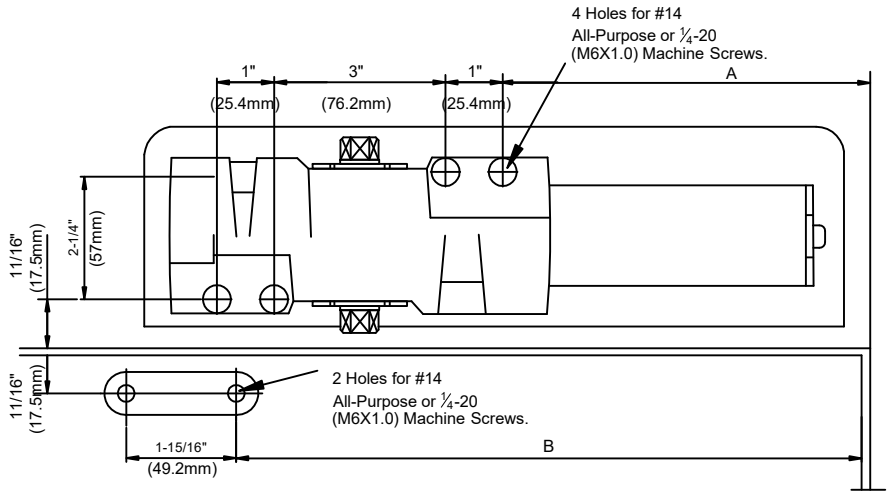
HOLD OPEN ADJUSTMENT (WHEN HOLD OPEN ARM IS USED):
Loose adjusting nut, open door to designed hold open position and tighten nut. Do not permit door to swing beyond hold open setting.

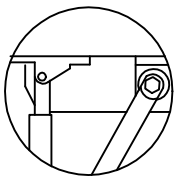
Caution IMPROPER INSTALLATION MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE. FOLLOW ALL INSTRUCTIONS CAREFULLY.

C8000 Series Door Closer
Surface Mounted
Adjustable & Preset "Back Check"
Optional: Delayed Action (DA)
Non Hold-Open / Hold-Open

Installation Instructions for TOP JAMB (PUSH SIDE) Mounting

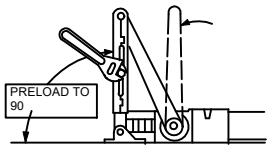
TECHNICAL DIMENSIONS:

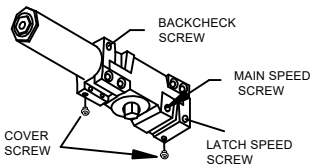


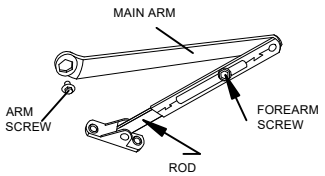


OPENNING	"A"	"B"
TO 100	7-5/16" (185mm)	11-13/16" (300mm)
TO 130	6-¼" (159mm)	10-13/16" (275mm)

- Right hand door shown
- Left hand door opposite
- Dimensions are in inches (mm)
- Not to scale drawing







INSTALLATION STEPS:

1. Adjust spring power to match door width as indicated by chart on page 1.
2. Mount closer on frame as dimensions shown. Tube end toward hinge. If pivots are used, locate closer and shoe from CENTERLINE OF PIVOT. (For offset pivots, increase the marked dimensions by 1/8").
3. Place main arm on top shaft 100 to closer body, insert arm screw into top of shaft and tighten.
4. Attach shoe to door as shown. (if more latching power is required, rotate shoe 180).
5. Open door and insert rod in forearm - for reveals 2 5/8" through 4 13/16" use long rod, for reveals 4 7/8" to 8" use FOREARM EXTENDER ROD.
6. With forearm at right angle to door (90), insert forearm set screw and tighten. (IF HOLD OPEN ARM IS USED, THE NUT IS ON THE TOP FOR RH DOOR AND BOTTOM FOR LH DOOR).

SPEED AND BACKCHECK ADJUSTMENT:
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 socket key 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. To increase backcheck force, turn regulating screw nearest hinge clockwise.

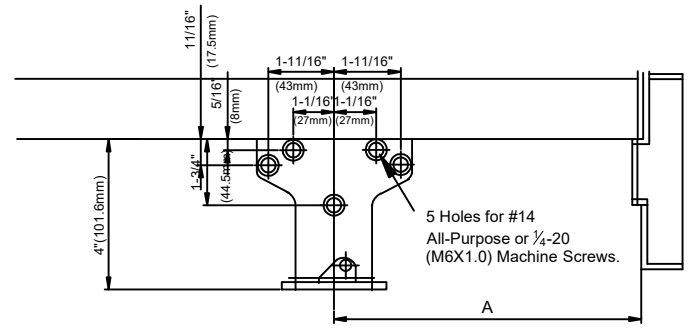
HOLD OPEN ADJUSTMENT (WHEN HOLD OPEN ARM IS USED):
Loose adjusting nut, open door to designed hold open position and tighten nut. Do not permit door to swing beyond hold open setting.

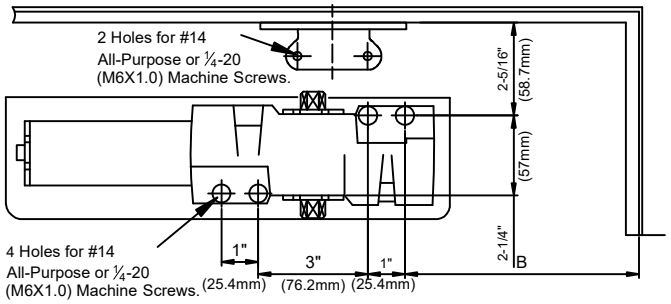
Caution IMPROPER INSTALLATION MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE. FOLLOW ALL INSTRUCTIONS CAREFULLY.

C8000 Series Door Closer
Surface Mounted
Adjustable & Preset "Back Check"
Optional: Delayed Action (DA)
Non Hold-Open / Hold-Open

Installation Instructions for PARALLEL ARM (PUSH SIDE) Mounting

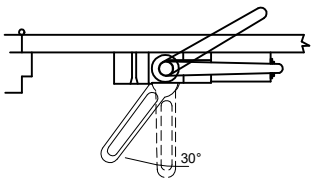
TECHNICAL DIMENSIONS:

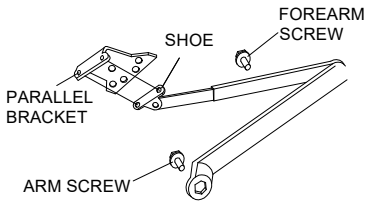


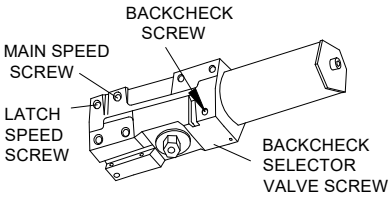


OPENNING	"A"	"B"
TO 100	9-7/16" (240)	8-¼" (210)
TO 120	8 5/8" (220)	7 -5/16" (185)
OVER 140	7 7/8" (200)	6- 1/2" (165)

- Right hand door shown
- Left hand door opposite
- Dimensions are in inches (mm)
- Not to scale drawing







INSTALLATION STEPS:

1. Before installation, turn Backcheck selector valve screw 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 parallel bracket on frame as dimensions shown.
6. Attach rod and shoe to parallel bracket as shown.
7. Insert rod in forearm, and then insert main arm to closer parallel to door. Then insert forearm set screw and tighten.

SPEED AND BACKCHECK ADJUSTMENT:
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 socket key 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. To increase backcheck force, turn regulating screw nearest hinge clockwise.

HOLD OPEN ADJUSTMENT (WHEN HOLD OPEN ARM IS USED):
Loose adjusting nut, open door to designed hold open position and tighten nut. Do not permit door to swing beyond hold open setting.

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