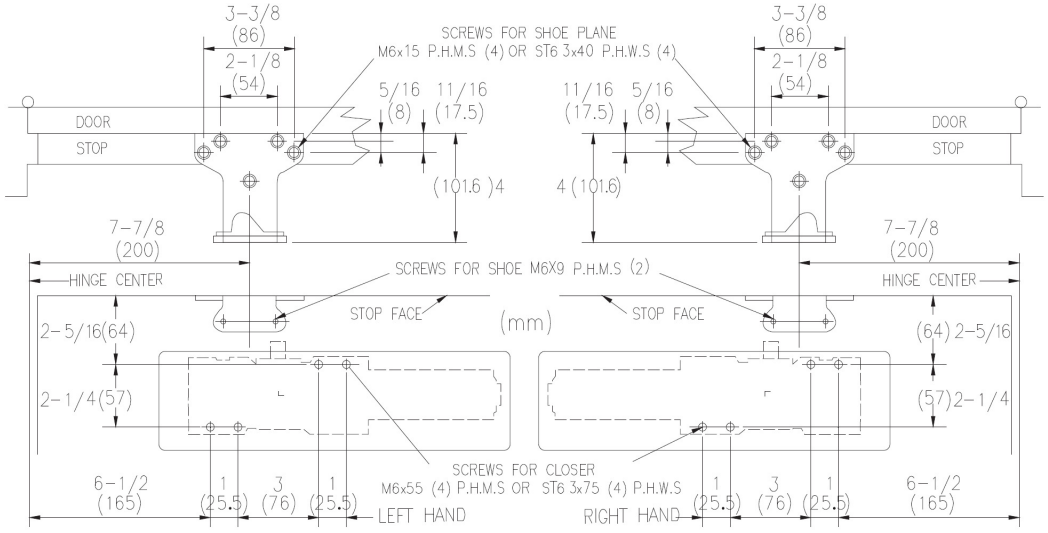
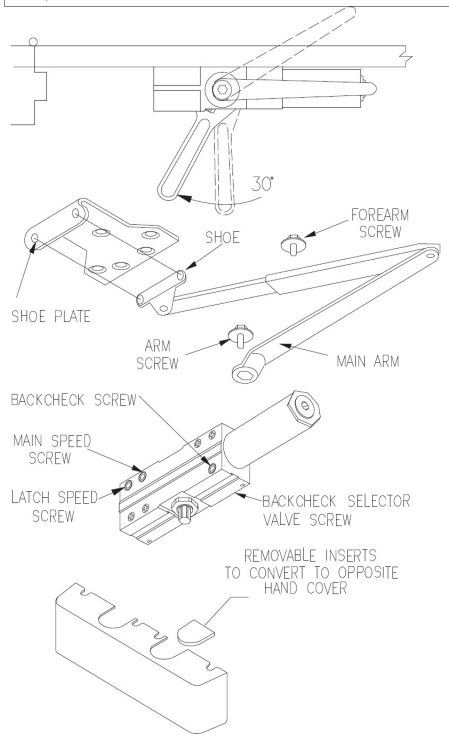
MOUNTED STOP FACE (PUSH SIDE) PARALLEL ARM

IF RAIL IS LESS THAN 6", A DROP PLATE (AVAILABLE FROM DEALER) WILL BE REQUIRED. (180° MAX)



BEFORE INSTALLING MOUNTED STOP FACE (PARALLEL ARM) TURN BACKCHECK SELECTOR VALVE (FOUND ON OPPOSITE SIDE OF CLOSER FROM REGULATING SCREW SIDE) ALL THE WAY IN (CLOCKWISE)!



INSTALLATION STEPS

1. Adjust spring power to match door width as indicated by chart on Page 1.
2. Mount closer on door to dimensions shonw, Tube end toward latch. Locate closer and shoe from center of hinge.
3. Attach arm as follow:
   (A) Place open end wrench on bottom shaft & turn toward hinge jamb about 30°.
   (B) Place main arm on top shaft, insert arm screw into top of shaft and tighten.
4. Attach PA shoe plate to stop as shown
5. Attach rod and shoe to shoe plate as shown. (offset toward hinge)
6. Open door and insert rod in forearm, close door.
7. With main arm parallel to door, insert forearm screw and tighten.

REGULATION

BACKCHECK

ATTACH COVER

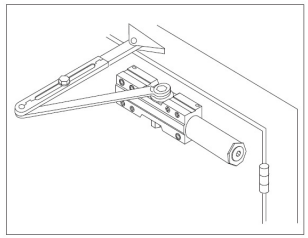
CAUTION

AS SAME AS PAGE 2 OR PAGE 3

ADJUSTABLE POWER DOOR CLOSER

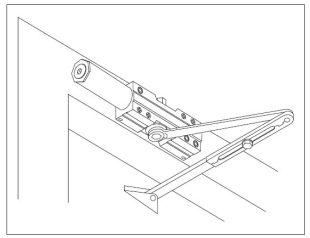
INSTALLATION & INSTRUCTION SHEET

Door closers can be installed THREE different ways. There is a proper closer application for every door. Consult Hardware Schedule or Hardware Supplier for preferred mounting.



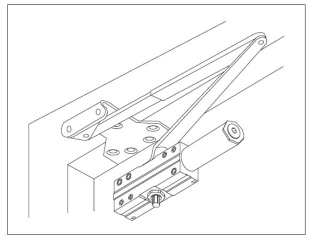
MOUNTED ON HINGE FACE (PULL SIDE)

Permit 120° maximum opening
See page 2



MOUNTED OVER DOOR FACE (PUSH SIDE)

Permit 120° maximum opening
See page 3



MOUNTED ON STOP FACE (PUSH SIDE) PARALLEL ARM

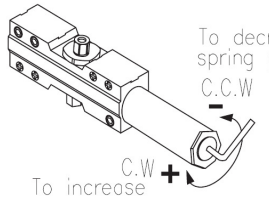
Permit 180° maximum opening
See page 4

GENERAL NOTES

The closer is non-handed and desigend to meet entrance accessibility requirement Before installation, determine hand of door first. Then select degree of opening door. Refer to the drawing (right and over).

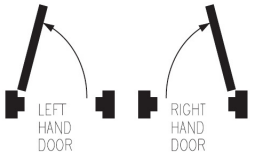
The closer can be adjusted to handle all exterior doors up to 4'0" and interior doors up to 5'0" wide Adjust the spring power as shown before installing the closer. Turn the spring adjustment nut clock-wise or counter-clockwise the required number of turns to match door width as indicated in chart below.

MAXIMUM DOOR WIDTH		FULL TURNS REQUIRED
EXTERIOR DOORS	INTERIOR DOORS	
	30"	-5 TURNS C.C.W
	34"	-2 TURNS C.C.W
30"	38"	0 TURNS C.C.W
36"	48"	5 TURNS C.W
42"	54"	10 TURNS C.W
48"	60"	15 TURNS C.W

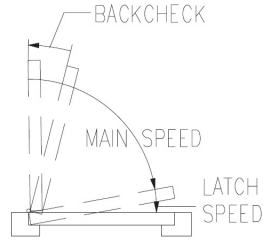


Adjust spring power DO NOT exceed the maximum turns in either direction!

HOW TO TELL HAND OF DOOR

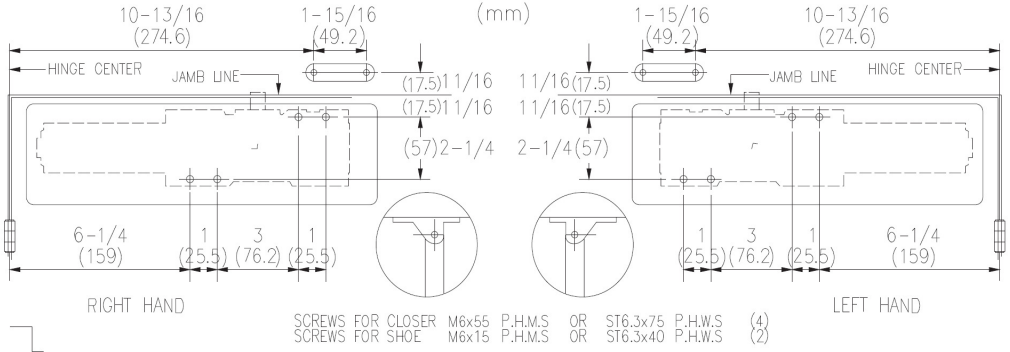


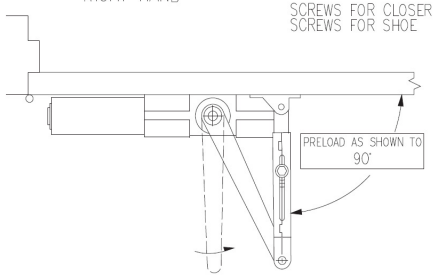
CLOSER CONTROL DIAGRAM

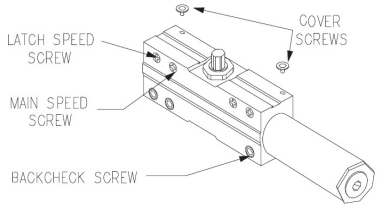


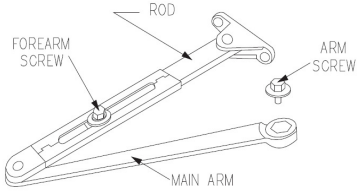
MOUNTED ON HINGE FACE OF DOOR (PULL SI E)

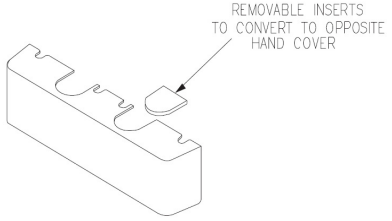
IF DOOR TOP RAIL IS LESS THAN 3 3/4", A DROP PLATE
(AVAILABLE FROM DEALER) WILL BE REQUIRED. (120° MAX)











INSTALLATION STEPS

1. Adjust spring power to match door width as indicated by chart on page 1.
2. Mount closer on door to dimensions shown, Tube end toward hinge. Locate closer and shoe from center of hinge
3. Place main arm on top shaft, about 90° to closer, 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, close door.
6. With forearm at right angle to door, insert forearm screw and tighten.

REGULATION

7. Do not allow door to slam into frame. A" Normal" closing time from 90° open position is from 5 to 7 seconds, evenly divided between main swing speed and latch swing speed. Use socket key (furnished) to adjust speed. To slow main speed of door, turn regulating screw nearest shaft clockwise. To slow latch speed, turn regulating screw nearest latch clockwise.

BACKCHECK

To increase backcheck intensity turn regulating screw nearest hinge clockwise. DO NOT USE ABRUPT BACKCHECK OR EXPECT DOOR CLOSER TO ACT AS A DOOR STOP.

ATTACH COVER

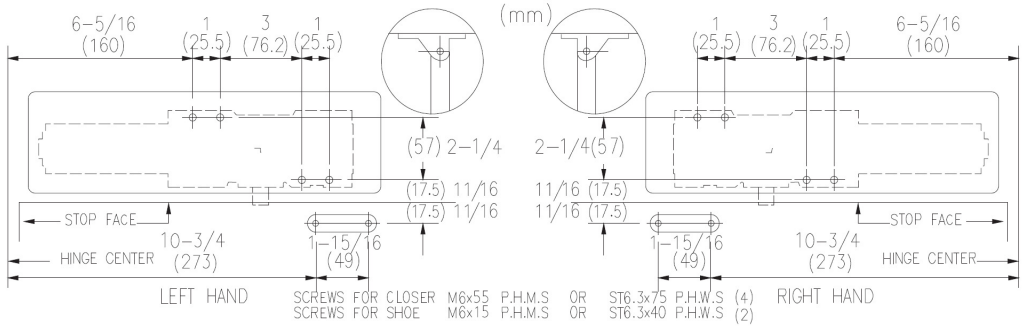
8. First, place inserts in proper cutouts, push cover against door frame and tighten both cover screws securel .

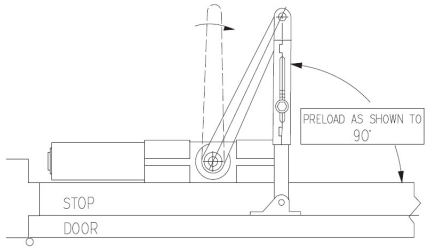
CAUTION

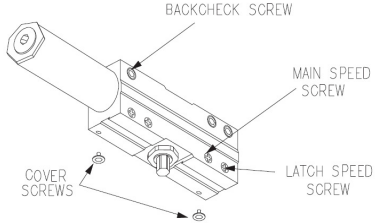
⚠ IMPROPER INSTALLATION OR REGULATION MAY RESULT IN PERSONAL INJURY OR PROPERTY DAMAGE. FOLLOW ALL INSTRUCTIONS CAREFULLY PLEASE.

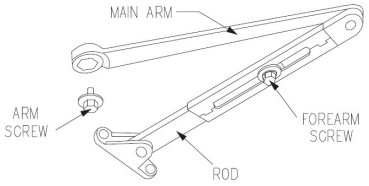
MOUNTED OVER DOOR (PUSH SIDE)

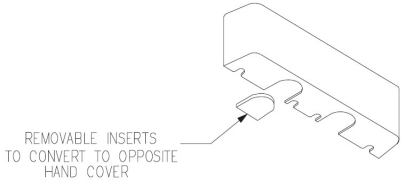
ADAPTER PLATES ARE REQUIRED WITH MOST INSTALLATIONS.
(AVAILABLE FROM DEALER) (120° MAX)











INSTALLATION STEPS

1. Adjust spring power to match door width as indicated by chart on page 1.
2. Mount closer on frame to dimensions shown, Tube end toward hinge. Locate closer and shoe from center of hinge
3. Place main arm on top shaft, about 90° to closer, 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, close door. If reveals is wider, use extra long rod. (avaiable from dealer)
6. With forearm at right angle to door, insert forearm screw and tighten.

REGULATION

7. Do not allow door to slam into frame. A" Normal" closing time from 90° open position is from 5 to 7 seconds, evenly divided between main swing speed and latch swing speed. Use socket key (furnished) to adjust speed. To slow main speed of door, turn regulating screw nearest shaft clockwise. To slow latch speed, turn regulating screw nearest latch clockwise.

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