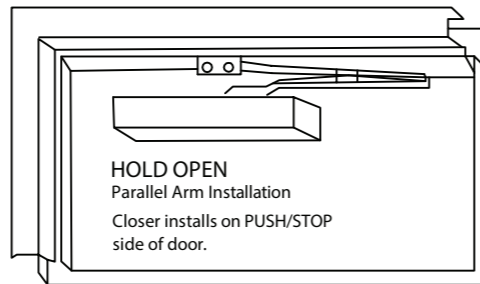
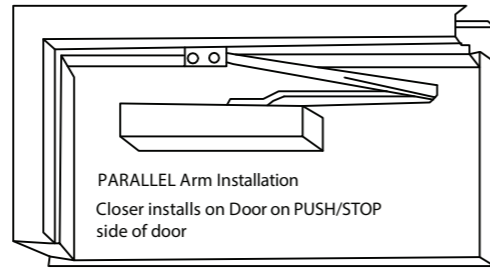
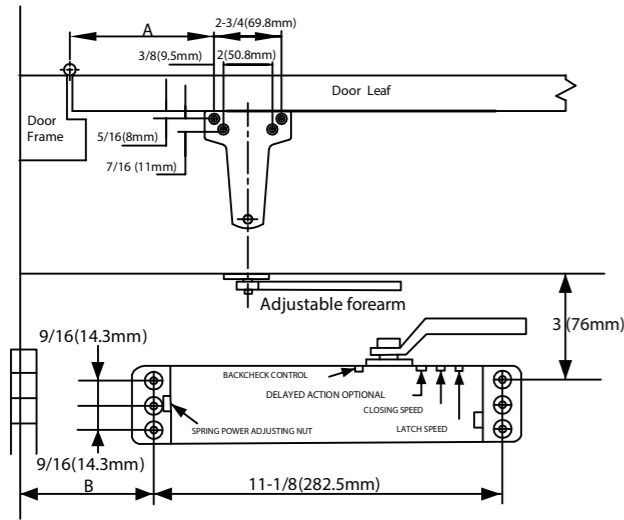


PARALLEL ARM(PUSH SIDE) Mounting



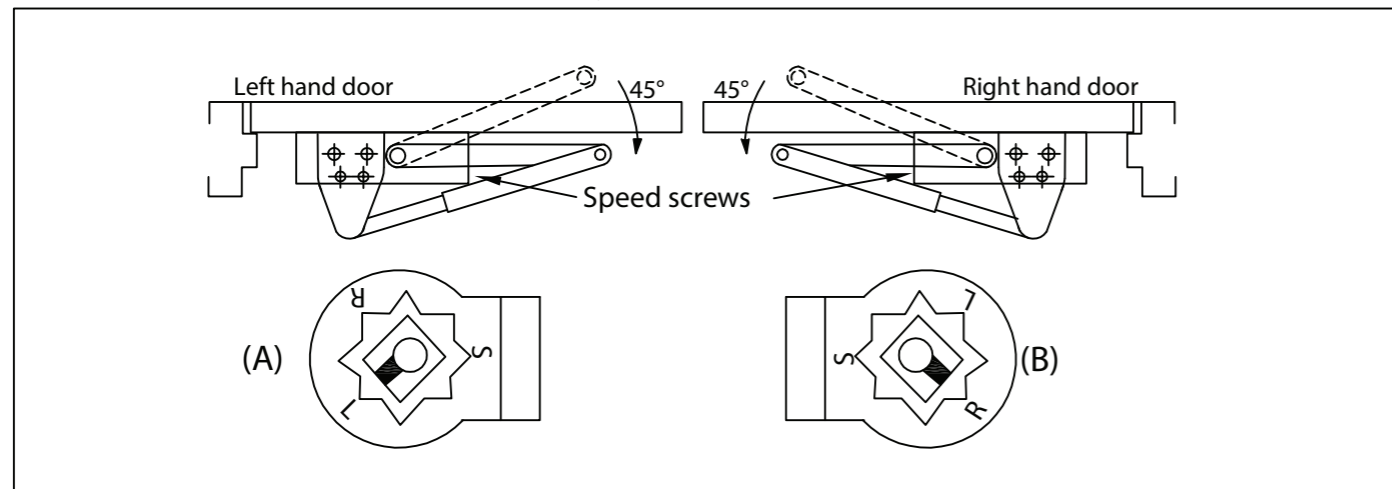
OPENING	DIM.A	DIM.B
TO 120 °	9-1/8(241mm)	6-1/8(151mm)
120° -180°	5-7/8(149.2mm)	2-9/16(65mm)

- Left hand door shown
- Right hand door opposite
- Dimensions are in inches
- Drawing not to scale

INSTALLATION INSTRUCTIONS

1. Select degree of opening from table and use template dimensions shown in above, mark FOUR (4) holes on door for door closer and four (4) holes underside of frame for bracket.
2. Drill pilot holes in door and frame for #14 all-purpose screws of drill and tap for 1/4-20 machine screws.
3. Mount closer on door using screws provided. SPRING POWER ADJUSTING NUT MUST BE POSITIONED TOWARD HINGE EDGE.
4. Install parallel Arm Bracket to frame using screws provided.
5. Using a wrench on the square shaft at bottom of closer, rotate shaft approximately 45 ° toward hinge edge of door. Hold and place main arm of shaft on top of closer at proper index mark as illustrated. FOR LEFT HAND DOOR "L"(illustratin "A"). FOR RIGHT HAND DOOR "R" (illustration "B"). Tighten arm screw with lockwasher securely.
6. Remove arm shoe from the forearm and discard (arm shoe is not used for parallel installation) and tighten screw securely.
7. Adjust length of adjustable forearm so that main arm is parallel to frame.
8. Snap pinion cap over shaft at bottom closer (When using full cover, pinion cap is not necessary)
9. Adjust the closer following instructions shown page 1.

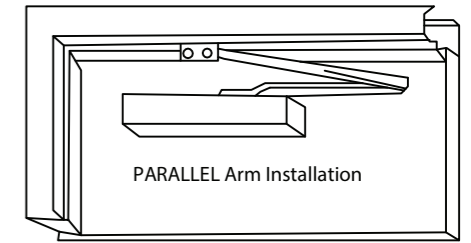
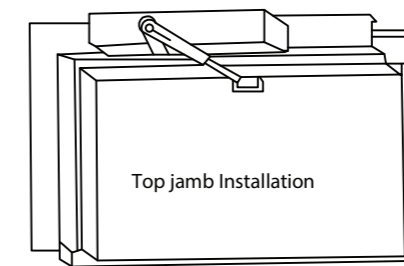
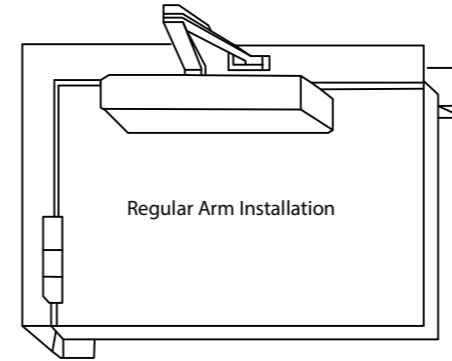
Top View Typical Installation



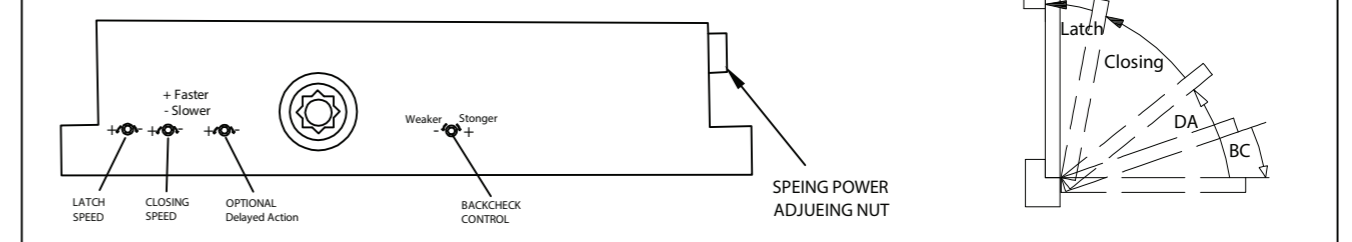
KROME

DOOR CLOSER 911DA, NON HOLD OPEN, SIZE 1-6 INSTALLATION INSTRUCTIONS

INSTALLATION SELECTION:



CLOSER ADJUSTMENT



BACK CHECK CONTROL

- To increase backcheck intensity, turn backcheck control valve clockwise.
- To decrease backcheck intensity, turn backcheck control valve anticlockwise.

DELAYED ACTION CONTROL (Optional)

To Increase the Delayed closing time, turn the DA screw clockwise. Closing time is regulated for approximately 20 seconds.

SPRING POWER CONTROL

- To increase opening force and closing force, turn the spring adjusting nut clockwise.
- To decrease opening force and closing force, turn the spring adjusting nut anticlockwise.

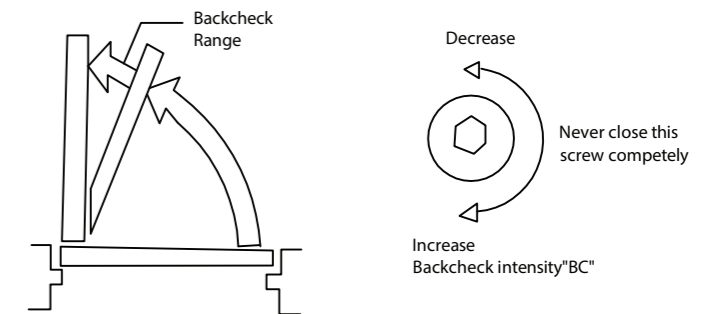
FULLY ADJUSTABLE SPRING

BE NOTED THE CLOSER IS PRESET AT SIZE 3 FROM THE FACTORY.
* TO INCREASE THE POWER, ROTATE THE SPRING ADJUSTMENT NUT CLOCKWISE
* TO DECREASE THE POWER, ROTATE THE SPRING ADJUSTMENT NUT COUNTER-CLOCKWISE.

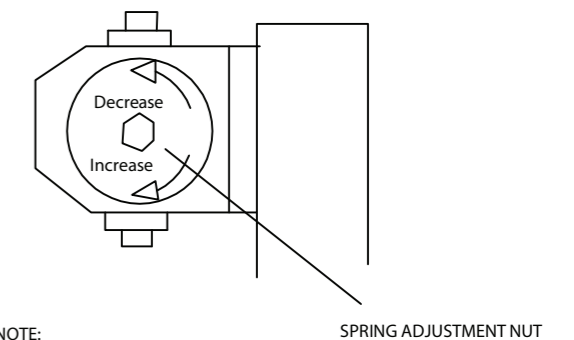
SPRING POWER ADJUSTMENT			
Exterior doors	Interior doors	Full turns required	Spring Power Rating
32" (0.81m)	28" (0.71m)	-5 TURNS C.C.W	1
36" (0.91m)	32" (0.81m)	-3 TURNS	2
42" (1.07m)	36" (0.91m)	0 TURNS C.W	3
48" (1.22m)	42" (1.07m)	3 TURNS C.W	4
54" (1.37m)	48" (1.22m)	6 TURNS C.W	5
58" (1.47m)	54" (1.37m)	9 TURNS C.W	6

-5 Means 5 turns counter-clockwise
3 Means 3 turns clockwise

OPENING CYCLE



ADJUSTABLE SPRING POWER



NOTE:
MAXIMUM ADJUSTMENT IS APPROXIMATELY 10 TURNS
DO NOT FORCIBLY EXTEND ADJUSTMENT BEYOND LIMITS

