



Series 8900 Handicap Door Closer

Adjustable Spring Power – Surface Mounted Grade #1 Closer

Part 1 GENERAL

1.1 SECTION INCLUDES

- A. Series 8900 Grade #1 Door Closer (Handicapped approved and UL listed)
- B. Features:
 - 1. ADA (Handicap) multi-sized closer with adjustable spring power
 - 2. Adjustable spring power 1 through 6 (adjustable after installation)
 - 3. Precision cast aluminum housing with forged steel arm
 - 4. Stable hydraulic door check fluid for any climate operation. Using a fire resistant oil with an operating range from -43.6°F (-42°C) to 140°F (60°C)
 - 5. Standard sweep and latch speed
 - 6. Standard adjustable backcheck or without backcheck
 - 7. Two speed control valves allow closing and latching speeds to be controlled by separate valves; fully adjustable after installation
 - 8. Standard Tri-packed for regular arm, top jamb and parallel arm application
 - 9. Numerous accessories are available to allow for special installations or adaptability
 - 10. Finishes available in Aluminum (AL) and Duronodic (DU)

1.2 REFERENCES

- A. ANSI A117.1 – Barrier Free Operation to comply with Federal Accessibility Standards (ADA)
- B. ANSI A156.4 – Factory tested to meet or exceed standard for Grade #1
- C. UL 10C and UBC 7-2 (1997) Fire Safety and Fire Endurance tested
- D. Underwriters Laboratories (UL/C) listed – Fire Resistance Directory

1.3 SUBMITTALS

- A. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations
 - 2. Storage and handling requirements and recommendations
 - 3. Installation methods
- B. Shop Drawing: Manufacturer's approved drawings detail the application
- C. Section Samples: Samples are available depicting the finish types
- D. Verification Samples: For the finish product specified, two full size samples representing the actual product, color and size

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Series 8900 will be provided by a single manufacturer with over 30 years of experience in door closers

1.5 DELIVERY, STORAGE AND HANDLING

- A. Store products in manufacturer's unopened packing until ready for installation
- B. No harsh chemicals are used during this process, so no special handling or disposal is required

1.6 PROJECT CONDITIONS

Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by the manufacturer for optimum results. Do not install this product if environmental conditions are outside the manufacturer's limits.

1.7 WARRANTY

After project completion, the owner or owner's representative will receive a copy of the Manufacturer's Limited Warranty against manufacturing defects. The duration of this warranty is 10 years.

PART 2 PRODUCTS

2.1 MANUFACTURER

International Door Closers, Inc (Manufacturers' Rep):

1140 N Kraemer Pl, Anaheim, CA 92806 (800) 544-4422
1920 Air Lane Dr, Nashville, TN 37210 (800) 225-6737

2.2 DOOR CLOSER

Series 8900

Adjustable Spring Power – Surface Applied

<u>Description</u>	<u>Dimensions</u>
Length of Closer	9-3/4"
Horizontal Mounting Holes	9-1/16"
Vertical Mounting Holes	3/4"
Height of Closer	1-13/16"
Projection from Door	2-3/4"

Optional Accessories:

- Drop Plate
- Slide Arm (Optional for door closer)
- Friction type-Hold open arm
- Plastic Cover
- Sex Nuts
- Cush Stop Hold-open Arm

PART 3 EXECUTIONS

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared
- B. If the substrate is the responsibility of another installer, notify the Architect of any unsatisfactory preparation before proceeding

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions

3.4 PROTECTION

- A. Protect installed products until completion of project
- B. Repair or replace any damaged products before substantial completion

END OF SECTION