ADJUSTABLE SPRING POWER SURFACE APPLIED GRADE 1 CLOSER

44CI SERIES

HEAVY DUTY CAST IRON

FEATURES

- Application for HIGH TRAFFIC Doors
- Cast Iron Body; Forged Steel Arm
- Double Heat Treated Steel Pinion
- All Weather Fluid
- Non-Handed
- Non-Sized Adjustable 1 Through 6; Standard with Back Check
- Universal Application for Regular Arm, Top Jamb, or Parallel Arm Mounting
- Standard Plastic Cover - Non Handed
- Hold-open arms are adjustable for holding from 85° to 180°.
- 10 year Warranty



OPTIONS AVAILABLE

- Metal Cover
- Heavy Duty Arm (EDA)
- Hold-Open arm
- Stop Only Arm
- Friction Hold Open Arm

View 3D Model Online

FINISHES

- AL - Aluminum
- DU - Storefront Bronze

10 YEAR WARRANTY

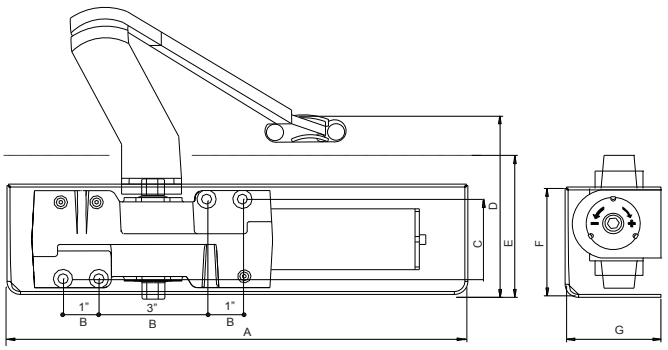
(Other finishes available by Special Order)

COMPLIANCE STANDARDS

- ANSI/BHMA A156.4 Grade 1 Certified
- UL/C-UL Listed
- UL 10B and UL 10C Compliant for positive pressure
- Certified to Conform to UBC 7-2 (1997, UL 228)
- Barrier Free Operation to Comply with Federal Accessibility Standards (ADA): Complying with ANSI A117.1 (4.13.11)

TECHNICAL DIMENSIONS

Description	Dimensions
A. Length of Closer Body (With Cover)	12-1/4"
B. Horizontal Mounting Holes	SEE DRAWING
C. Vertical Mounting Holes	2-1/4"
D. Overall Height	4-7/8"
E. Top of Door to Bottom of Closer	3-11/16"
F. Closer Body Height	3-1/2"
G. Projection from Door	2-1/4"



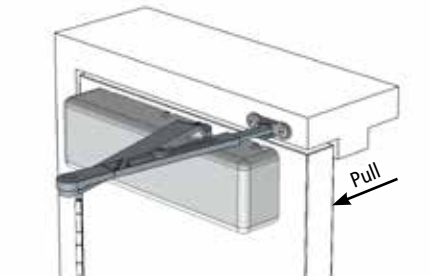
Front View End View

International Door Closers, Inc.

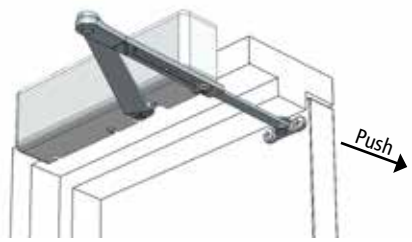
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INSTALLATION TYPES



Regular Arm (Pull Side)
Permits 120° maximum opening

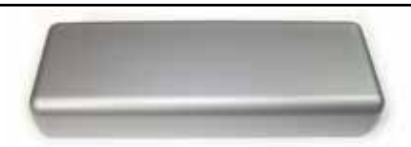


Top Jamb (Push Side)
Permits 120° maximum opening



Parallel Arm (Push Side)
Permits 180° maximum opening

PARTS AND ACCESSORIES — PART NO.

	Plastic Dress Cover	DC-44
	Metal Dress Cover (special order)	DC-44M
	Complete Arm Assembly	44-2021
	Cushion - Hold-open arm - Mechanical Turn Type	44-2022
	Cushion Stop Arm	44-2023
	Friction Hold Open Arm	44-2024
	Heavy Duty Arm (EDA)	44-2026
	Parallel Bracket	425
	Drop Plate for Pull Side installation when top Door Rail is less than 3-3/4". Requires a 2" minimum height Door Rail.	44-18
	Drop Plate for Top Jamb installation when ceiling is flush to top of Header. Requires a minimum 1-3/4" header height.	44-18G
	Drop Plate for Top Jamb installation on Door Headers less than 3-1/2" in height.	44-18J
	Drop Plate for Parallel Arm installation on Door Rails less than 5-1/2" (measured down from the door stop). Requires a 2" minimum height Door Rail.	44-18PA

SPECIFY FINISH:
- AL - Aluminum
- DU - Storefront Bronze

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850 SERIES
STANDARD

SURFACE APPLIED CLOSER
880 SERIES
ADJUSTABLE BACK-CHECK

UL LISTED

FINISHES
- AL - Aluminum
- DU - Storefront Bronze

5 YEAR WARRANTY



View 3D Model Online

FEATURES

- Series 880 has adjustable Back-Check function controlled by a separate regulating valve, adjustable after installation.
- Underwriters' Laboratories Inc. Listed.
- Range of sizes:
  - **Standard:** 851, 852, 853, 854 and 855
  - **Back-Check:** 883, 884 and 885
- Two Adjustment Valves: Closing and Latching speeds controlled by separate regulating valves, adjustable after installation.
- Universal application. Non-handed for standard, top jamb or parallel arm installation.
- Available with regular, hold-open or fusible link hold open arms.
- Regular arms are equipped with a 15% (+)(-) 7½% power adjustment bracket.
- Hold-open arms are adjustable for holding from 90° to 180°.
- Rack and pinion mechanism contained in a high tensile precision cast aluminum housing assures the highest quality.
- Stable hydraulic door check fluid for any climatic operation and constant lubrication.
- Narrow design permits installation on most modern glass and aluminum doors without adaptors.



- 850 & 880 Series Closing and Latching Adjustment Valves

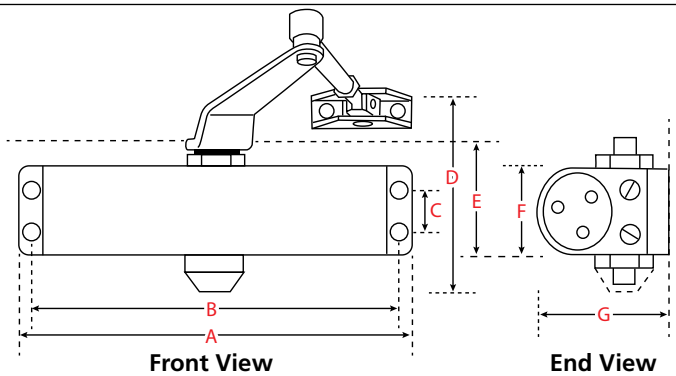


- 880 Series Back-Check Adjustment Valve

TECHNICAL DIMENSIONS

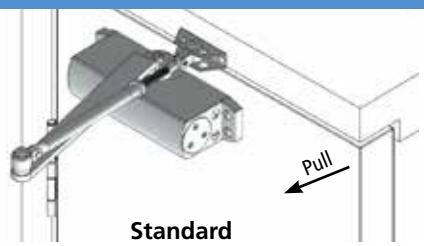
Size 1 Meets ADA Requirments

Description	Dimensions			
	1	2	3	4 & 5
A. Length of Closer Body	7 1/8"	8 1/16"	8 7/8"	9 3/4"
B. Horizontal Mounting Holes	6 1/2"	7 3/8"	8 3/16"	9 1/16"
C. Vertical Mounting Holes	3/4"	3/4"	3/4"	3/4"
D. Overall Height	4 1/16"	4 3/4"	4 3/4"	4 3/4"
E. Top of Door to Bottom of Closer	1 15/16"	2 1/4"	2 1/4"	2 1/4"
F. Closer Body Height	1 5/8"	1 3/4"	1 3/4"	1 3/4"
G. Projection from Door	2 9/16"	3"	3"	3"

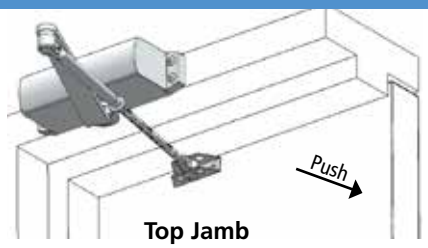


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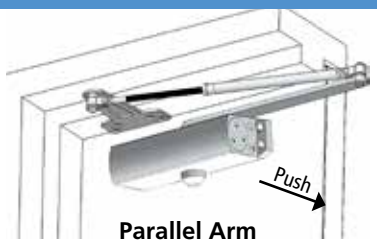
INSTALLATION TYPES



Standard



Top Jamb



Parallel Arm

SELECTION CHART

INTERIOR DOOR SIZE	EXTERIOR DOOR SIZE		MODEL NUMBER		TYPE
	Swing Out	Swing In	Standard	Back-Check	
32″ 28″	28″ 24″	24″ —	851 851-P	— —	Regular Arm Parallel Arm
36″ 32″ 36″ 32″	32″ 28″ 32″ 28″	28″ 24″ 28″ 24″	852 852-P 1852 1852-P	— — — —	Regular Arm Parallel Arm Hold-Open Arm Parallel Hold-Open Arm
42″ 36″ 42″ 36″	36″ 32″ 36″ 32″	32″ 28″ 32″ 28″	853 853-P 1853 1853-P	883 883-P 1883 1883-P	Regular Arm Parallel Arm Hold-Open Arm Parallel Hold-Open Arm
48″ 42″ 48″ 42″	42″ 36″ 42″ 36″	36″ 32″ 36″ 32″	854 854-P 1854 1854-P	884 884-P 1884 1884-P	Regular Arm Parallel Arm Hold-Open Arm Parallel Hold-Open Arm
54″ 48″ 54″ 48″	48″ 42″ 48″ 42″	42″ 36″ 42″ 36″	855 855-P 1855 1855-P	885 885-P 1885 1885-P	Regular Arm Parallel Arm Hold-Open Arm Parallel Hold-Open Arm

PARTS AND ACCESSORIES - SERIES 850 & 880

Parts	Description	Size	1	2	3	4 & 5
	Main Arm	Part #	510	520	520	520
	Regular Forearm	Part #	511	521	521	521
	Hold-Open Forearm	Part #	None	522	522	522
	Parallel Bracket for Regular Arm	Part #	515	525	525	525
	Flat Drop Bracket	Part #	None	527	537	547
	Top Jamb Bracket	Part #	None	None	TJB-53	TJB-54
	Dress Cover	Part #	None	None	DC-8000	DC-8000
	Thru Bolt & Grommet Nut (Set of 4 each)	Part #	TBGN-50	TBGN-50	TBGN-50	TBGN-50

NOTE:
Doors of unusual height or weight, or doors subject to severe wind or draft conditions, or abusive usage, require the next larger model closer than the schedule.

SPECIFY:
Closer Model or Part Number

SPECIFY FINISH:
AL - Aluminum
DU - Storefront Bronze

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FIXED SPRING POWER SURFACE APPLIED

1800 SERIES

GRADE 1 • FIRE RATED • HANDICAP



FEATURES

- Narrow design permits installation on most glass and aluminum doors without adapters
- Standard application for regular arm and Top Jamb installation; parallel arm installation
- Two Adjustment Valves: Closing and Latching speeds controlled by separate regulating valves, adjustable after installation. (Three valves with optional back-check)
- Ranges of Sizes
  - Standard: 1803, 1804, and 1805
  - Back-Check: 1803-BC, 1804-BC, and 1805-BC

c UL us LISTED

FINISHES

- AL - Aluminum
- DU - Storefront Bronze

10 YEAR WARRANTY

View 3D Model Online

COMPLIANCE STANDARD

- Factory tested to meet or exceed ANSI 156.4 Grade 1
- Barrier Free operation to comply with Federal Accessibility Standards (ADA) complying with ANSI 117.1

OPTIONS AVAILABLE

- Slim or Full Plastic Cover
- Hold-Open Arm
- Drop Plates
- Sex Nuts and Bolts



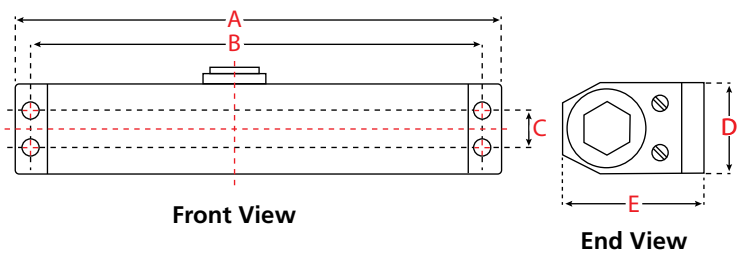
- Closing and Latching Adjustment Valves



- 1803-BC, 1804-BC and 1805-BC Series Back-Check Adjustment Valve

TECHNICAL DIMENSIONS

Description	Dimensions
A. Length of Closer Body	9-3/4"
B. Horizontal Mounting Holes	9-1/16"
C. Vertical Mounting Holes	3/4"
D. Closer Body Height	1-31/32"
E. Projection from Door	2-29/32"

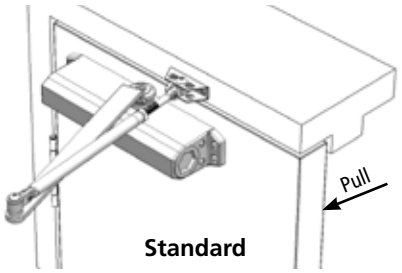


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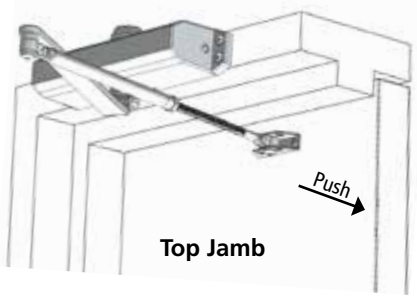
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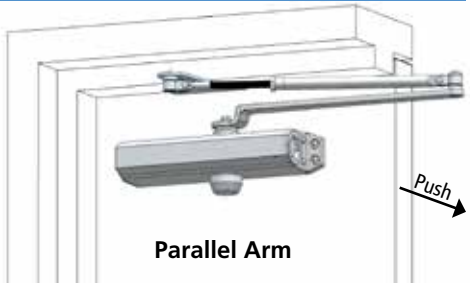
INSTALLATION TYPES



Standard



Top Jamb



Parallel Arm

SELECTION CHART

Regular & Top Jamb				Parallel Arm			Applicable Door Weight Lbs (Kg)
Maximum Size of Door							
Closer Size	Interior	Exterior Inswing	Exterior Outswing	Closer Size	Interior	Exterior	
1	28″ (0.71m)			1			33-66 (15-30)
2	36″ (0.91m)			2	30″ (0.76m)		66-99 (30-45)
3	42″ (1.07m)	30″ (0.76m)	36″ (0.91m)	3	36″ (0.91m)	30″ (0.76m)	99-143 (45-65)
4	48″ (1.22m)	36″ (0.91m)	42″ (1.07m)	4	42″ (1.07m)	36″ (0.91m)	143-187 (65-85)
5	54″ (1.37m)	42″ (1.07m)	48″ (1.22m)	5	48″ (1.22m)	42″ (1.07m)	178-264 (85-120)
6	60″ (1.52m)	48″ (1.22m)	54″ (1.37m)	6	54″ (1.37m)	48″ (1.22m)	264-330 (120-150)

PARTS AND ACCESSORIES - SERIES 1800

Parts	Description	Part #
	Main Arm	520
	Regular Forearm	521
	Hold-Open Forearm	522
	Parallel Bracket for Regular Arm	525
	Flat Drop Bracket for Closers - With Dress Cover	547
	Dress Cover	DC-8000
	Thru Bolt & Grommet Nut (Set of 4 each)	TBGN-50
	Sex Nuts & Bolts	18-SN

NOTE:
Doors of unusual height or weight, or doors subject to severe wind or draft conditions, or abusive usage, require one or two more full turns of hex spring adjustment nut than shown on the Installation instructions.

SPECIFY:
Closer Model or Part Number

SPECIFY FINISH:
Al-Aluminum
DU -Storefront Bronze

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ADJUSTABLE SPRING POWER - SURFACE APPLIED CLOSER

5000-TP SERIES

GRADE 1 • HANDICAP

UBC 7.2 1997 PART 1

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UL LISTED



View 3D Model Online

FEATURES

- **Model 5001-TP**
- ADA (Handicap) multi·sized closer with adjustable spring power for a range of sizes. 1-6 adjustable back check and delay action, adjustable after installation.
- Two Speed Control Valves: Closing and latching speeds controlled by separate regulating valves, adjustable after installation.
- Universal application. Non-handed for standard, top jamb or parallel arm installation.
- Furnished with dress cover and PA bracket.
- Rack and pinion mechanism contained in a high tensile precision cast aluminum housing.
- Stable hydraulic door check fluid for any climatic operation and constant lubrication.
- Optional, hold-open arms.
- Hold-open arms are adjustable for holding from 90° to 180°

FINISHES

- AL - Aluminum
- DU - Storefront Bronze

10 YEAR WARRANTY



- Spring Power Adjustment

COMPLIANCE STANDARD

- ANSI/BHMA A156.4 Grade 1 Certified
- UL/C-UL Listed
- Certified to Conform to UBC 7-2 (1997, UL 228)
- Barrier Free Operation to Comply with Federal Accessibility Standards (ADA): Complying with ANSI A117.1 (4.13.11)



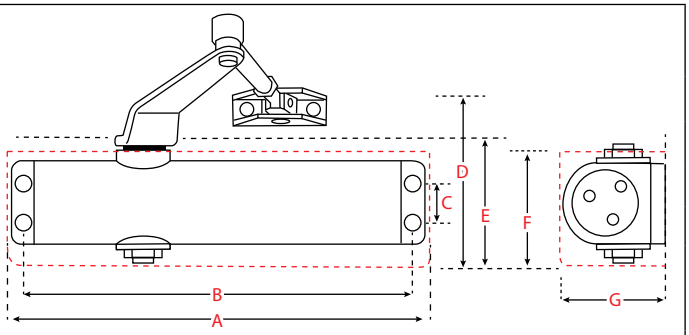
- Latching and Sweep Adjustment Valves



- Back-Check and Delay Adjustment Valve

TECHNICAL DIMENSIONS

Description	WITH DRESS COVER	NO DRESS COVER
A. Length of Closer Body	13″	12 11/16″
B. Horizontal Mounting Holes	12″	12″
C. Vertical Mounting Holes	3/4″	3/4″
D. Overall Height	5 1/8″	5 1/16″
E. Top of Door to Bottom of Closer	3 1/2″	3 7/16″
F. Closer Body Height	3″	2 7/8″
G. Projection from Door	2 5/16″	2 3/16″



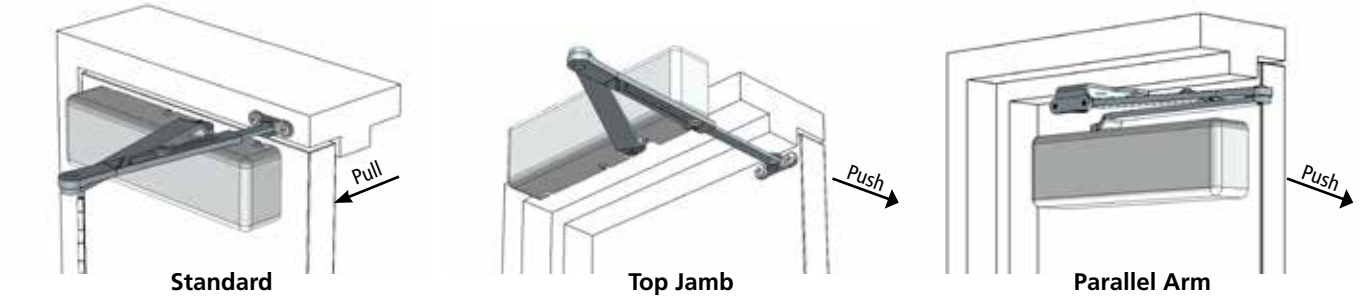
Front View End View

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INSTALLATION TYPES



Standard **Top Jamb** **Parallel Arm**

TYPICAL INSTALLATIONS (REGULAR ARMS SHOWN) Hold-Open Arms are similar

SELECTION CHART

STYLE	MODEL NO.	TYPE
WITH DRESS COVER	5001-TP	Regular Arm Parallel Arm Hold-Open Arm Parallel Hold-Open Arm

PARTS AND ACCESSORIES - 5001-TP

Parts	Description	Part #
	Complete Arm Assembly	501
	Hold-Open Forearm	522
	Parallel Bracket for Regular Arm	525
	Dress Cover	DC-5000
	Thru Bolt & Grommet Nut (Set of 4 each)	TBGN-50
	Sex Nuts & Bolts	18-SN

NOTE:
Doors of unusual height or weight, or doors subject to severe wind or draft conditions, or abusive usage, require one or two more full turns of hex spring adjustment nut than shown on the Installation instructions.

SPECIFY:
Closer Model or Part Number

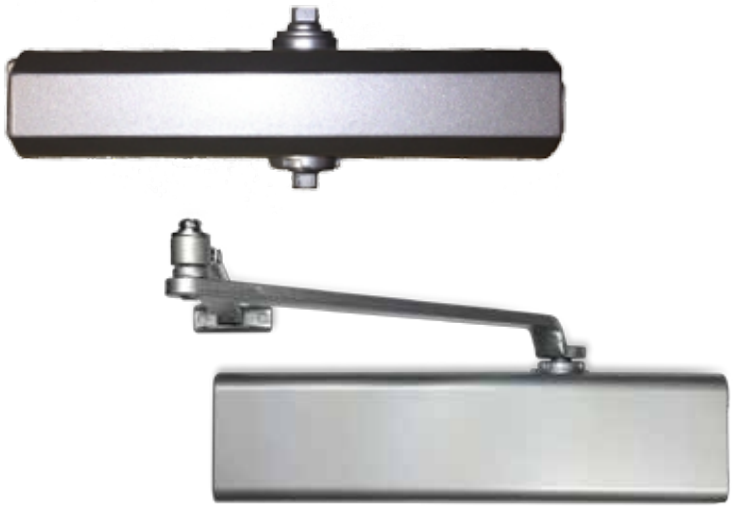
SPECIFY FINISH:
Al-Aluminum
DU -Storefront Bronze

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SURFACE APPLIED GRADE 1 CLOSER

8000-TP SERIES

GRADE 1 • FIRE RATED • HANDICAP



View 3D Model Online

FEATURES

- **Model 8051-TP** Standard with Sweep, Latching, and Back-Check
- **Model 8052-TP** Standard with Sweep, Latching, and Delayed Action
- Adjustable Spring Power Size 1 through 6
- Cast Aluminum body; forged steel arm
- Tri-packed for regular arm, top jamb and parallel arm application
- Hold-open arms are adjustable for holding from 90° to 180°

OPTIONS AVAILABLE

- Drop Plate, Hold Open Arm
- Replacement for Norton 1600 or 1601

COMPLIANCE STANDARD

- ANSI A 156.4 Grade 1 Certified
- UL and CUL Listed: UL 10C Fire Rate
- Underwriters' Laboratories Inc. Listed UL 10B and UL 10C Compliant for positive pressure
- Certified to Conform to UBC 7-2 (1997, UL 228)
- Barrier Free Operation to Comply with Federal Accessibility Standards (ADA): Complying with ANSI A117.1 (4.13.11)

UBC 7.2 1997 PART 1

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UL LISTED

CERTIFIED GRADE 1
ANSI 156.4

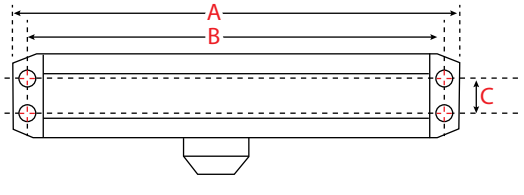
FINISHES

- AL - Aluminum
- DU - Storefront Bronze

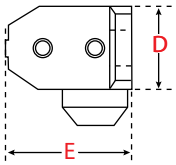
10 YEAR WARRANTY

TECHNICAL DIMENSIONS

Description	Dimensions
A. Length of Closer Body	9-3/4" (248 mm)
B. Horizontal Mounting Holes	9-1/16" (230 mm)
C. Vertical Mounting Holes	3/4" (19 mm)
D. Closer Body Height	1-13/16" (46 mm)
E. Projection from Door	2-3/4" (70 mm)



Front View



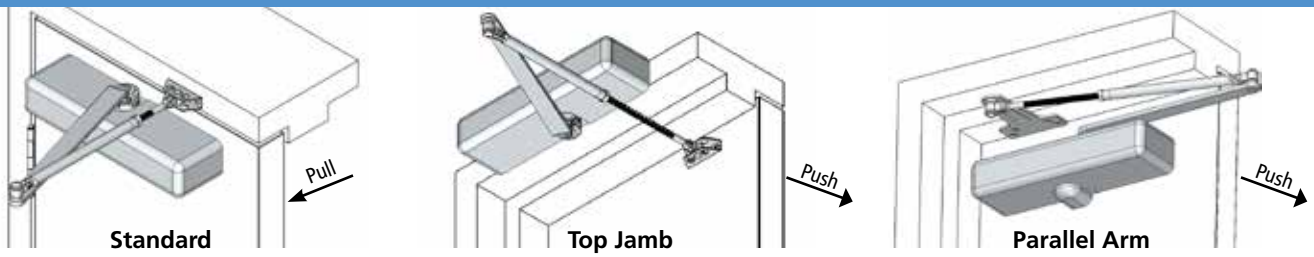
End View

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INSTALLATION TYPES



SELECTION CHART

TYPICAL INSTALLATIONS (REGULAR ARMS SHOWN) Hold-Open Arms are similar

MODEL NO.		Size
Tri-packed; With Back-Check	Tri-packed; With Delayed Action	
8051-TP	8052-TP	1-6

Regular & Top Jamb				Parallel Arm			Applicable Door Weight Lbs (Kg)
Maximum Size of Door							
Closer Size	Interior	Exterior Inswing	Exterior Outswing	Closer Size	Interior	Exterior	
1	28″ (0.71m)			1			33-66 (15-30)
2	36″ (0.91m)			2	30″ (0.76m)		66-99 (30-45)
3	42″ (1.07m)	30″ (0.76m)	36″ (0.91m)	3	36″ (0.91m)	30″ (0.76m)	99-143 (45-65)
4	48″ (1.22m)	36″ (0.91m)	42″ (1.07m)	4	42″ (1.07m)	36″ (0.91m)	143-187 (65-85)
5	54″ (1.37m)	42″ (1.07m)	48″ (1.22m)	5	48″ (1.22m)	42″ (1.07m)	178-264 (85-120)
6	60″ (1.52m)	48″ (1.22m)	54″ (1.37m)	6	54″ (1.37m)	48″ (1.22m)	264-330 (120-150)

PARTS AND ACCESSORIES - SERIES 8001-TP

Parts	Description	Part #
	Main Arm	520
	Regular Forearm	521
	Hold-Open Forearm	522
	Parallel Bracket for Regular Arm	525
	Flat Drop Bracket for Closers - With Dress Cover	547
	FTop Jamb Bracket	TJB-54
	Dress Cover	DC-8000
	Thru Bolt & Grommet Nut (Set of 4 each)	TBGN-50
	Sex Nuts & Bolts	18-SN

NOTE:
Doors of unusual height or weight, or doors subject to severe wind or draft conditions, or abusive usage, require one or two more full turns of hex spring adjustment nut than shown on the Installation instructions.

SPECIFY:
Closer Model or Part Number

SPECIFY FINISH:
Al-Aluminum
DU -Storefront Bronze

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ADJUSTABLE SPRING POWER - SURFACE GRADE 1 CLOSER

9000-TP SERIES

GRADE 1 • ADA HANDICAP

UBC 7.2 1997 PART 1

c UL us LISTED

UL LISTED



10 YEAR WARRANTY

FEATURES

- **Model 9001-TP**: Adjustable spring power (1-6) Opening Force with adjustable back check and delayed action controlled by a separate regulating valve.
- ADA (Handicap) multi-sized closer with adjustable Spring Power for a range of sizes adjustable after installation.
- Two Speed Control Valves: Closing and Latching speeds controlled by separate regulating valves, adjustable after installation.
- Universal Application: Non handed for standard, top jamb or parallel arm installation (parallel arm bracket included).
- Rack and pinion mechanism contained in a high tensile precision cast aluminum housing.
- Stable hydraulic door check fluid for any climatic operation and constant lubrication.
- Furnished with a high impact molded PVC Dress Cover (door closer body casting is finished for use without the dress cover).
- Optional hold-open arms available.
- Hold-open arms are adjustable for holding from 90° to 180°

- Adjustment Valves

FINISHES

- AL - Aluminum
- DU - Storefront Bronze

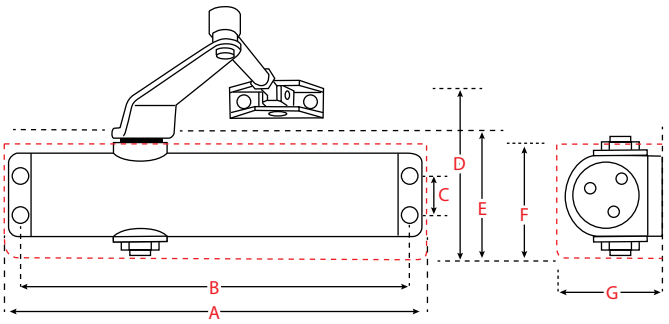
View 3D Model Online

COMPLIANCE STANDARD

- ANSI A 156.4 Grade 1 Certified
- UL/C-UL Listed
- Underwriters' Laboratories Inc. Listed UL 10B and UL 10C Compliant for positive pressure
- Certified to Conform to UBC 7-2 (1997, UL 228)
- Barrier Free Operation to Comply with Federal Accessibility Standards (ADA): Complying with ANSI A117.1 (4.13.11)

TECHNICAL DIMENSIONS

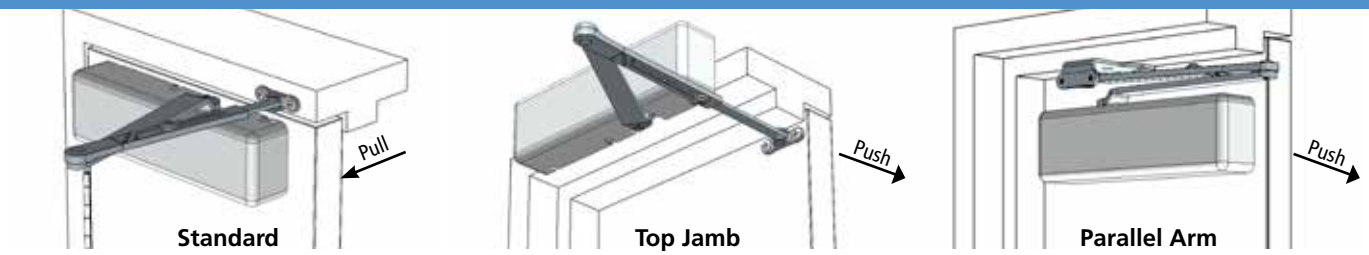
Description	NO DRESS COVER
	9001-TP
A. Length of Closer Body	11 7/8"
B. Horizontal Mounting Holes	11 1/8"
C. Vertical Mounting Holes	3/4"
D. Overall Height	4 9/16"
E. Top of Door to Bottom of Closer	3 5/16"
F. Closer Body Height	2 13/16"
G. Projection from Door	2 9/16"



Front View End View

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INSTALLATION TYPES



Standard | Top Jamb | Parallel Arm

SELECTION CHART

TYPICAL INSTALLATIONS (REGULAR ARMS SHOWN) Hold-Open Arms are similar

MODEL NO. Back-Check / Delayed Action	TYPE
9001-TP	Regular Arm

PARTS AND ACCESSORIES - 9001-TP (PAINTED FINISH ONLY)

Parts	Description	Part #
	Complete Arm Assembly	901
	Hold-Open Forearm	522
	Top Jamb Forearm Extender	514
	Parallel Bracket for Regular Arm	525
	Flat Drop Bracket	9007
	Top Jamb Bracket	TJB-9000
	Thru Bolt & Gromnet Nut (Set of 4)	TBGN-50
	Sex Nuts & Bolts	18-SN

Comparison Chart 9000 Series									
International® Series 9000	Norton 8500	Yale 3000	Dorma 6600 & 7600	Dor-O-Matic/ LCN SC80 1460	Global TC400 TC500	Cal Royal 900	Sargent 1230 1430	Jackson 600	Parker 900

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