



DOOR CLOSERS - GENERAL INFORMATION

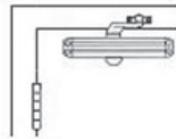
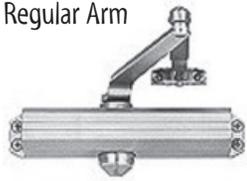
To determine the correct door closer you need to know the door size, door location within the building and location of the closer on the door.

FACTORS AFFECTING DOOR CLOSER SELECTION:

- **Weight and width of door:**
Doors vary in weight from a light hollow core wood door to a heavy metal door. Door sizes given in tables are based on doors of standard weight and height. Compensation must be made for extra-heavy doors and doors of unusual width.
- **Draft and wind conditions:**
Draft and wind conditions are perhaps the most important factors to consider in determining door closer size. Sizes listed in tables apply to normal conditions. Stairwells, air conditioning, building construction and location of door can result in strong draft and wind conditions, requiring a larger size closer than listed.
- **Location of closer:**

3 MOUNTING APPLICATIONS:

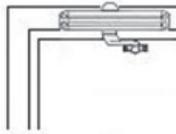
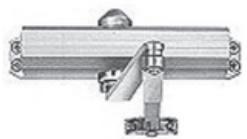
Regular Arm



■ Regular Arm

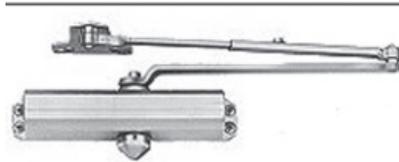
The closer is mounted on the **pull side** of the door. The arm is attached to door frame face. Generally used on interior doors.

Top Jamb

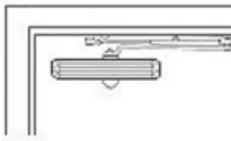


■ Top Jamb

The closer is mounted on the frame face above the door on the **push side** of the door. The arm is attached to the top of the door (top rail.) Generally used on doors with narrow top rail, i.e. aluminum and glass "store front" doors.



Parallel Arm

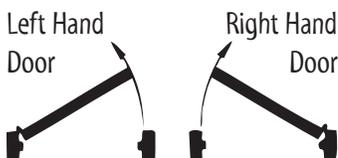


■ Parallel Arm

The closer is mounted on the **push side** of the door. The arm is attached to a special Parallel Arm Bracket, that is then mounted to bottom of frame stop. Arm is "parallel" to the door, therefore able to endure mischievous abuse as in schools. Generally used where aesthetics are important and for locations where ceilings are flush with the doorway.

HOW TO SIZE A DOOR CLOSER:

REGULAR & TOP JAMB CLOSERS				PARALLEL ARM CLOSERS		
Maximum Door Size				Maximum Door Size		
Closer Size	Interior	Exterior Inswinging	Exterior Outswinging	Closer Size	Interior	Exterior Outswinging
1	28"			1		
2	36"			2	30"	
3	42"	30"	36"	3	36"	30"
4	48"	36"	42"	4	42"	36"
5	54"	42"	48"	5	48"	42"
6	60"	48"	54"	6	54"	48"



Fire labeled doors must be self-closing and self-latching. For more information about door closers to meet this building code, call ANDERSON LOCK at 800-323-LOCK [5625].

DOOR CLOSERS - GENERAL INFORMATION

The way a door closer is mounted affects its operation.

HOW FAR SHOULD THE DOOR OPEN?

■ Three basic rules apply to maximum degree of opening.

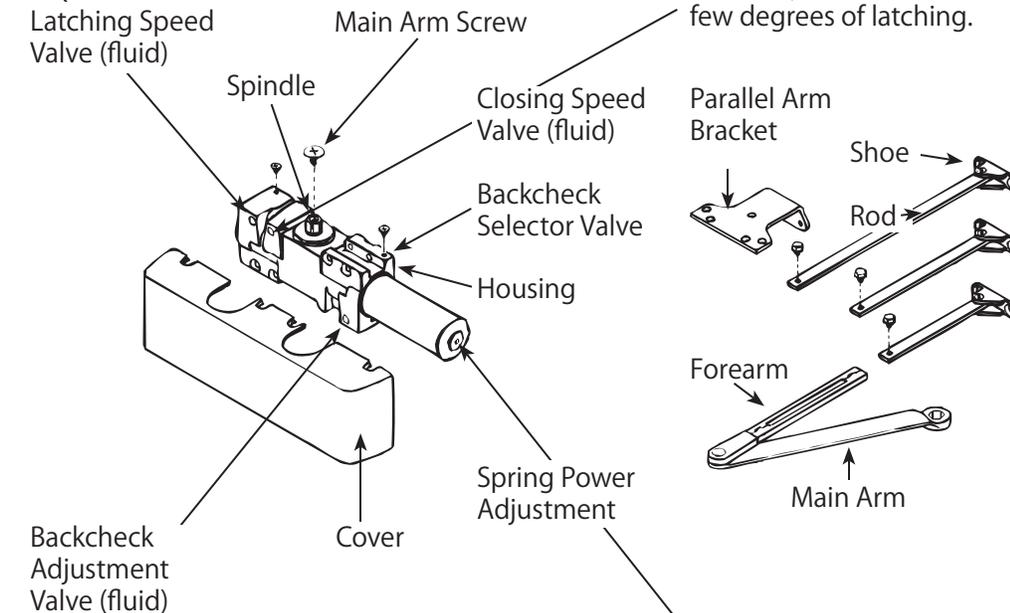
1. It is best to let the door swing as far as it can swing freely. Some closers are mounted in different locations for different degrees of opening.
2. Use a mechanical stop when a door cannot swing 180°, or at the selected hold-open point of a double lever arm system. The mechanical stop can be mounted on the floor, wall, overhead, or built into the closer arm.
3. The closer should be positioned so backcheck takes place well in advance of the stop position to cushion the opening swing and prevent door and frame damage from an abrupt stop.



BASIC DOOR CLOSER COMPONENTS:

LATCHING SPEED: the speed of the door during the last few degrees of closing, to allow latching of the door.

CLOSING SPEED: the speed of the door swing (sweep) from fully open to within a few degrees of latching.



BACKCHECK: a closer feature which slows the opening of a door by providing a cushioned resistance to a forceful opening.

SPRING POWER: the closing force of a door closer to overcome draft conditions, air pressure differentials, door weight and resistance to other friction.

REMEMBER:
 Spring = Power
 Fluid = Control

Universal Mounting: We stock many closers that can be mounted all three ways. This universal mounting capability is noted where it applies.

DOOR CLOSERS



ASSA ABLOY



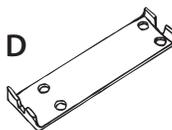
DC3000 Series

Narrow Stile Universal Door Closer

Heavy duty door closer ideal for high traffic applications.

- Multi-sized, adjustable 1 thru 6
- Spring power regulated by full turns of the adjustment nut
- Cast iron body
- Non-handed
- Universal installation
DC3200 Regular Arm Mounting
DC3210 Parallel Arm Mounting
DC3220 Top Jamb Mounting
- Adjustable backcheck
Cushions door opening cycle, minimizing damage to hinges, frame and wall
- Quik-Install™ mounting bracket
Reduces installation time; assures correct mounting

- To order bracket only: DC3210 D



Options:
Hold-Open Arm
Closer arm has adjustable hold-open 90° to 180°

Order: **DC3210 H**
Hold Open Closer

To order arm only:
DC2210 AH

DOOR SIZES & ADJUSTMENTS

Maximum Door Width:



Interior	Exterior	*Power Adjustment
32"		0
36"	30"	2
42"	36"	5
48"	42"	8
	48"	11

* The spring power adjustment is a recommended guide. Modifications may be necessary depending on wind or other building conditions.

FINISHES:

Aluminum	689
Dark Bronze	690

DOR-O-MATIC



SC60

Medium Duty Aluminum Storefront Door Closer

Universal mounting, dependable, economical.

- Non-handed
- Adjustable backcheck
- Multi-sized 2 - 5
- Grade 1
- SC60 closers for interior doors from 30" to 54" wide; exterior doors up to 42" wide
- SC61 closers for interior doors up to 48" wide; can be adjusted to meet ADA accessibility requirements
- UL10C approved all weather fluid

FINISHES:

Aluminum	AL
Dark Bronze	DB

ORDER	12	DC3200	H	689	Hold Open Door Closer
EXAMPLE:	QTY	MODEL	OPTION	FINISH	DESCRIPTION

Narrow Stile Door Closers

Heavy duty closer designed for use on standard 2" aluminum frame.

- Cast iron body
- Multi-sized: replaces closers sized 1 thru 6
- Non-handed
- Universal installation: regular arm, parallel arm or top jamb
- Adjustable backcheck
- Slim style cover
- Grade 1; UL listed ; ADA compliant 

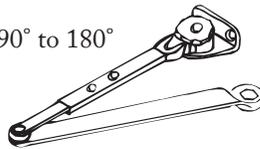
Options:

Hold-Open Arm

Closer arm has adjustable hold-open 90° to 180°

Order: **1461 H Hold Open Closer**

To order arm only: **1460-3049**



LCN



1461

FINISHES:

Aluminum	AL
Dark Bronze	DB
Brass	BRS
Black	BLK

Standard duty closer is designed for low to moderate traffic in both interior and exterior applications. Ideal for hotels/motels, retail/restaurants, offices/banks, manufacturing, and other light commercial facilities.

- Mounts to most common commercial footprint (3/4" x 9-1/16")
- Cast iron body
- Multi-sized: replaces closers sized 1 thru 5
Adjusts for interior doors to 4'6" and exterior doors to 3'6"
- Non-handed
- Dual mounting: regular arm or top jamb
- Optional mounting requires PA shoe:
For parallel arm (push side) mounting, order 1260-62PA
- Easy to install with peel-n-stick installation templates
- Adjustable backcheck
- Optional slim line cover
- Grade 1; UL listed ; ADA compliant 

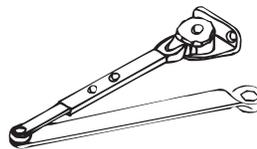
Options:

Hold-Open Arm

Closer arm has adjustable hold-open 90° to 180°

Order: **1260 H Hold Open Closer**

To order arm only: **1260-3049**



1260

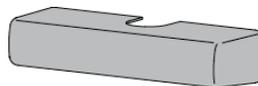
Replaces LCN 1071

DOOR
CLOSERS

Cover:

1260-72

Non-handed, slim line plastic cover

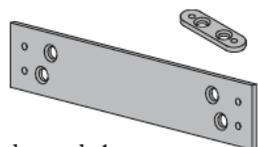


Quick Fix™ Bracket Kit:

1260-QF

Optional kit includes retro-fit mounting plates for closer cylinder and shoe.

Useful in applications when previously drilled holes are damaged.



FINISHES:

Aluminum	AL
Dark Bronze	DB
Brass	BRS
Black	BLK

ORDER	12	1461	AL	Door Closer
EXAMPLE:	QTY	MODEL	FINISH	DESCRIPTION

LCN



4041

4041 Barrier-Free Door Closers

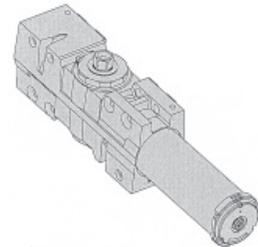
Versatile, heavy-duty closer recommended for institutional and other high traffic applications. Meets ADA requirements.

- Multi-sized, adjustable sizes 1 - 6
- Non-handed
- Cast iron body with forged steel arm
- Universal installation: regular arm, parallel arm or top jamb
- Adjustable backcheck valve that cushions the door opening cycle, minimizing damage to hinges, frame and wall
- LCN Fast™ Power Adjust
- Grade 1; UL listed (UL); ADA compliant ♿

■ NEW! 4040XP

LCN's most durable heavy duty closer for the most demanding, high use and abuse applications

- 44% increased load capacity
- Strongest pinion ever, stronger pinion teeth
- XP = eXtra Protection in real world applications



4040 Series Arms and Options:

	<p>Regular Arm (for replacement) Order: 4040-3077</p>	<p>Non-handed, mounts pull side or top jamb with shallow reveal; P40441 closer includes PA SHOE, 4040-62PA required for parallel arm mounting</p>
	<p>Hold-Open Arm closer 4041 H To Order Arm Only: 4040-3049</p>	<p>Closer arm has adjustable hold-open 90° to 180°</p>
	<p>Spring Hold Cush 4041 SHCUS To Order Arm Only: 4040-3049SCNS</p>	<p>Selective hold open Parallel arm for abusive applications Spring loaded stop in shoe Non-handed</p>
	<p>Extra -Duty Arm 4041 EDA To Order Arm Only: 4040-3077EDA Hold Open EDA 4041-EDA To Order Hold-Open EDA Arm Only: 4040-3049EDA</p>	<p>EDA arm non-handed parallel arm of forged, solid steel for potentially abusive installations Hold-open EDA arm is handed; provides hold-open function, adjustable at the shoe</p>

FINISHES:

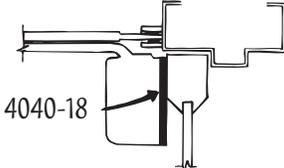
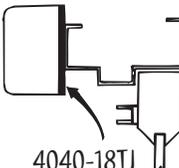
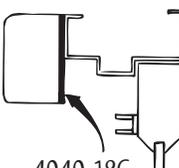
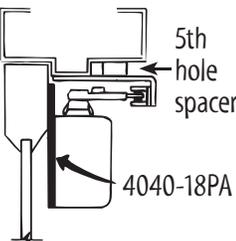
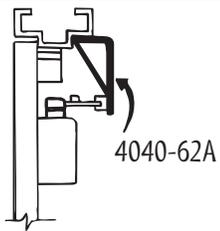
Aluminum	AL
Dark Bronze	DB
Black	BLK
Brass	BRS

ORDER	12	4041	H	AL	Hold Open Door Closer
EXAMPLE:	QTY	MODEL	OPTION	FINISH	DESCRIPTION

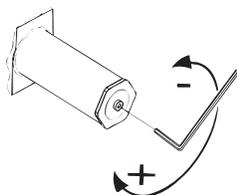
4041 Closer Parts and Accessories

Drop plates and spacers allow closers to be installed in a variety of retrofit applications.

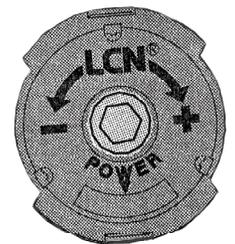
Drop Plates and Brackets:

Required for hinge side mounts where top rail is less than 3-3/4" 2" minimum top rail	4040-18		
Centers top jamb mounted closer vertically on head frame where face is less than 3-1/2" 1-3/4" minimum head frame	4040-18TJ		
Locates top jamb mounted closer flush with top of head frame face in flush ceiling condition 1-3/4" minimum head frame	4040-18G		
Required for parallel arm mounting where top rail is less than 5-1/2" 2" minimum top rail	4040-18PA		
For use with Glynn-Johnson 90 Series heavy-duty overhead stop and holder	4040-62A		
For aluminum doors 1/2" thick spacer lowers parallel arm to clear blade stop	4040-61 Blade Stop Spacer		
	4040-201 Fifth Hole Spacer		
Package of 4 thru-bolts <i>Specify finish when ordering: i.e. AL or DB</i>	4041-XX-TB XX = finish Thru Bolts		

DOOR CLOSERS



ADJUSTMENTS:	
Spring Power	5/32" Allen Wrench
Valve Adjustments	3/32" Allen Wrench



The 4040 Series includes the LCN® FAST™ Power Adjust, a revolutionary visual indicator for Spring Power Adjustment.

ORDER	6	4040-18PA	Drop Plate
EXAMPLE:	QTY	MODEL	DESCRIPTION

Norton[®]

ASSA ABLOY

Yale[®]



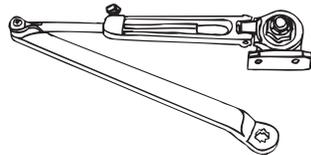
Norton 1600 Series

1600 Series Door Closer

Heavy duty closer designed for use on narrow frames and top rails. Check models for specific applications. Great for retrofit.

- 1601 - Adjustable spring sizes 3 thru 6
- 1601BF - Adjustable spring sizes 1 thru 4 
- Compares equally to Yale 51 Series
- Non-handed
- Universal installation: regular arm, parallel arm or top jamb
- Cast aluminum body
- Adjustable backcheck
- Mounts to most common commercial footprint (3/4" x 9-1/16")
- Ideal for utility / storefront applications
- Grade 1; UL listed ; ADA compliant 

DOOR
CLOSERS

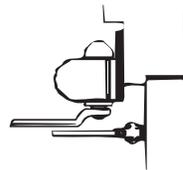


Options:
Hold-Open Arm
 Closer arm has adjustable hold-open 90° to 180°

Order: **1601 H**
Hold Open Closer

To order arm only: **1620-3**

Drop Plates & Brackets:



1687 Allows top jamb mounting with low ceiling clearance

Use for 1-3/8" - 2-5/8" clearance



2018S For use with overhead stop and holders

Provides up to 1-1/2" clearance

FINISHES:

Aluminum	AL
Dark Bronze	313

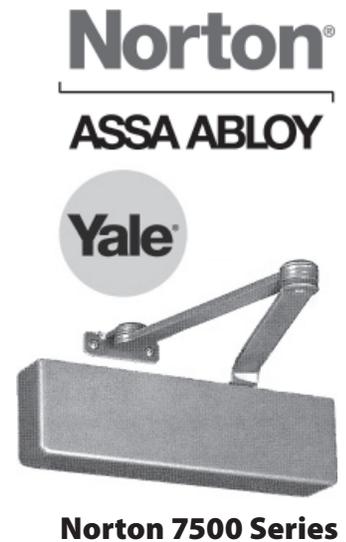
Sex nuts & bolts: **1420 SNB** 1/4 x 20 screws, package of 4

ORDER	12	1601	H	AL	Hold Open Door Closer
EXAMPLE:	QTY	MODEL	OPTION	FINISH	DESCRIPTION

7500 Series Door Closer

Heavy duty closer recommended for institutional and other high traffic applications. Meets ADA requirements.

- 7500 - Adjustable sizes 1 - 6
- Compares equally to Yale 4400 Series
- Non-handed
- Cast aluminum body
- Universal installation: regular arm, parallel arm or top jamb
- Adjustable backcheck
A valve that cushions the door opening cycle, minimizing damage to hinges, frame and wall.
- Selective backcheck
Allows you to choose at which point in the opening cycle backcheck begins
- Full cover, full size closer
- Grade 1; UL listed ; ADA compliant 

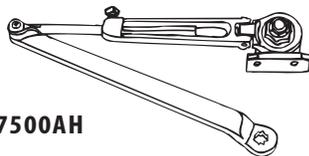


Options:

Hold-Open Arm

Closer arm has adjustable hold-open 90° to 180°

Order: **7500 H**
Hold Open Closer



To order arm only: **7500AH**

Unitrol Arm

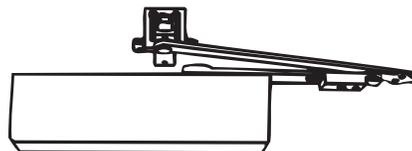
Use with parallel arm or top jamb

Unitrol arm combines the features of overhead door stop/holder with the backcheck feature of door closer

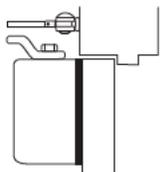
Reduces door stopping shock

Provides the most controlled stop available with a surface door closer

Order: **UNI-7500 Unitrol Closer**



Drop Plates:



7786

Narrow Top Rail Drop Plate

Allows top jamb mounting with low ceiling clearance; for closer mounted on top rail between 7/8" and 3-3/8" in height

77860H

Overhead Door Holder Drop Plate

For use where a surface or concealed overhead door holder prevents normal arm mounting screws to clear the bottom of the door holder.

FINISHES:

Aluminum	AL
Dark Bronze	313

ORDER	4	7500	--	AL	Door Closer
EXAMPLE:	QTY	MODEL	OPTION	FINISH	DESCRIPTION

SARGENT

ASSA ABLOY



351UO Powerglide®

351 Series Heavy Duty Door Closer

Heavy-duty door closer ideal for exterior doors in heavy draft and wind conditions... hospitals, schools, convention centers.

- 351UO - Adjustable to sizes 1 - 6
- Heavy duty door closer for high traffic applications
- All-weather capabilities
- Cast aluminum body
- Cover included
- Non-handed
- Universal installation: regular arm, parallel arm or top jamb (with UO arm package)
- Adjustable backcheck
- Grade 1; UL listed (UL); ADA compliant ♿

Option:

Hold Open Arm

Universal hold open arm package provides brackets and arms to install closer in top jamb, standard or parallel applications

Order: **351-UH**

DOOR CLOSERS



1431UO Powerglide®

1430 Series Powerglide® Door Closer

Door closers designed for exterior and interior door applications.

- 1431 - Adjustable sizes 1 - 6 for exterior and interior doors
- Retrofits 1231 Series
- Separate closing and latching speed valves
- Cast aluminum body
- Cover included
- Non-handed
- Universal installation: regular arm, parallel arm or top jamb (with UO arm package)
- Adjustable backcheck
- Grade 1; UL listed (UL); ADA compliant ♿

Option:

Hold Open Arm

Universal hold open arm package provides brackets and arms to install closer in top jamb, standard or parallel applications

Order: **1431-UH**

FINISHES:

Aluminum **EN**

Dark Bronze **EB**

281 Series Powerglide®

Ideally suited for schools and hospitals maintaining "cast iron" specs.

ORDER	8	1431	-UH	EN	Hold-Open Door Closer
EXAMPLE:	QTY	MODEL	OPTION	FINISH	DESCRIPTION

4040SE Series Sentronic Holders / Closers

Single point hold-open for interior fire and smoke barrier doors.

LCN

- Heavy duty, multi-sized closer / holder designed to provide single point hold-open for fire and smoke barrier doors
- Wired to fire alarm system - when fire alarm is activated, door automatically closes
- Installation: push or pull mount
- Non-handed
- 24V AC/DC, 120V optional



4040SE

OPTIONAL MODELS:

SEL track provides hold-open points between 90° and 120°, in approximately 3° increments. **4040SEL (long track)**

Single point hold-open for fire and smoke barrier doors that **must be used** with an opposite side mounted UL listed door closer. **4040SEH (hold open)** Single lever (track) arm for interior doors.

Heavy duty, electrically controlled closer/holder designed to provide infinitely adjustable hold-open for fire and smoke barrier doors. **4410ME**



Double lever arm closer for interior doors.

SE, SEL ELECTRICAL OPTIONS:

Track assemblies require a single power circuit for holding solenoid; either 24V or 120V input, please specify. **4040SE-3210 TRANSFORMER** Reduces 120V AC line voltage to 24V AC. Circuitry accepts either AC or DC input.

REPLACEMENT ROLLERS:

Roller for Sentronic Closer **3034**

Roller for standard track closers: **3034J**



SensaGuard™ Stand-Alone Holder / Release Smoke Detector

- Adjustable hold-open
- Battery operated, fail safe operation
- Automatic release when battery power drops
- Easy to Install, self-contained
- UL listed

GLYNN-JOHNSON™



280

FINISHES:

Aluminum	AL
Dark Bronze	DB

ORDER	6	4040SE	Sentronic Holder / Door Closer
EXAMPLE:	QTY	MODEL	DESCRIPTION

DOOR CLOSERS

Auto-Equalizer Electric Power Operator

Electrically powered automatic operatr that opens doors slowly to provide easy access for the disabled, elderly or frail.

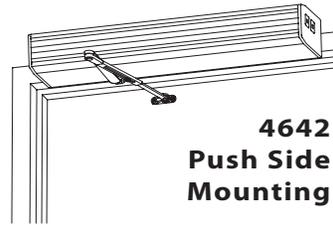
LCN

- **Models:**
4631 - Pull Side Mounting
4642 - Push Side Mounting



**4631
Pull Side Mounting**

- Heavy duty, multi-sized, non-handed
- Cast iron body
- Soft start motor
- Adjustable backcheck
- Digital control box:
Provides precise control of functions; digital readouts make adjustments easy, accurate.
- On-board diagnostics:
Built-in didagnostics program monitors microprocessor, power supplies, drive system and actuators.
- LED function indictors
- Built-in power supply
Provides power to card readers, manual actuators and other peripherals.



**4642
Push Side
Mounting**

Push Buttons:

HARDWIRED:
4-1/2" diameter
hardwired low voltage
actuator; round,
stainless steel
touch plate

**Round
Wall Mounted
Push Plate**

8310-856



1-1/2" X 4-3/4" jamb
mounted actuator
for use with electro-
mechanical power
operators

**Rectangular
Frame Mounted
Push Plate**

8310-818



WIRELESS:
Wireless, 9V battery
powered RF actuator
requires:
8310-865 receiver

**Surface Mounted
Radio Frequency
Actuator**

8310-852WP



433MHz wireless trans-
mitter

**One Button
Handheld**
8310-861



Receiver
8310-865



FINISHES:

Aluminum	AL
Dark Bronze	DB
Black	BLK
Brass	BRS

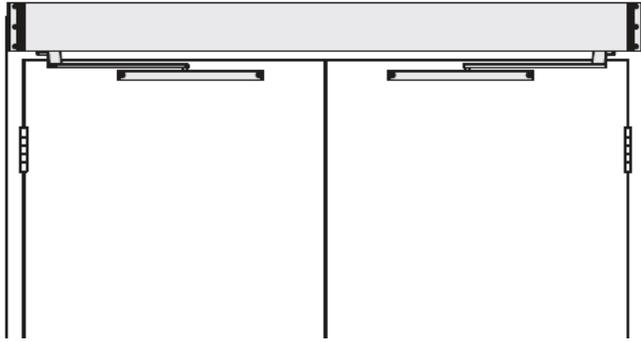
DOOR
CLOSERS

ORDER	6	4631	Auto Equalizer Power Operator
EXAMPLE:	QTY	MODEL	DESCRIPTION

LCN

9500 Series Senior Swing ADA Door Operator

Opens doors automatically for wheelchair access, yet allows for manual operation for regular pedestrian traffic.



- Push 'N Go permits non-switch activation
- Power Boost for additional latching force
- Electromechanical unit with microprocessor control
- Digital keypad for easy setup
- Grade 1; UL approved for fire doors (UL); ADA compliant ♿
- Shipped with motor gearboxes, control box, arms, header, and mounting hardware; actuators available separately

9553 Senior Swing
Simultaneous pair, surface mount

- Handed; simultaneous pair, surface mounted
- Meets ADA requirements (power mode only)
- Pull, push or double egress applications available
- 72" header length standard, specify other: 60" to 98"
- Adjustable hold-open, 1 to 32 seconds, in automatic or manual mode

Push Buttons / Actuators:

	4-3/4" square	8310-853 Wall Mounted Actuator	Hardwired; low voltage Stainless steel touch plate Engraved blue-filled handicap symbol conforms to most accessibility codes
	4-3/4" square	8310-813 Touchless Wall Mount Actuator	K Band Technology Activated by movement near actuator face; mounts in 4" x 4" electrical box Includes black plexiglass cover

FINISHES:

Aluminum	AL
Dark Bronze	DB



WKS4RFBLACK
4-1/2" round with black escutcheon; 7-13/16" X 1-9/16" outside diameter

FINISH:
Satin Stainless **US32D**
Steel

Wikk Push Buttons / Actuators / Enclosures / Transmitter

		4R5 Round switch	4-1/2 inch round surface mount Engraved blue-filled symbol
		N4RS Enclosure for round switch	5" X 2-1/8"; 2" inside depth Impact-resistant black thermoplastic
		4X43 Push to Open	4-1/2" square, 3/4" mounting depth Surface mount switch; compatible with single gang and 2 gang boxes Engraved blue-filled symbol
		AA332D Push to Open Narrow switch	1-3/4" x 4-1/2" for narrow jambs Use with JSB Mount for surface or wireless applications Engraved blue-filled symbol
		JSB Jamb surface box kit	1-3/4" X 4-9/16" X 1-3/4" 1-5/8" inside depth
		SWTRAN300M Mini-Transmitter	Switch Transmitter Compatible with any surface mount

ORDER EXAMPLE:	8	4X43	US32D	Surface Mount Switch
	QTY	MODEL	FINISH	DESCRIPTION

DOOR CLOSERS

Concealed Overhead Closer Body

Heavy-duty concealed closer for aluminum and tempered glass doors.

- Universal application: single or double-acting doors, center-hung or offset
- Non-handed
- End-load arm
- Dual valve control: Both closing and latching speeds are adjustable.
- 105° swing
- Non hold-open



21-101-A-17

Optional Model:
21-101-A-19
 Concealed Overhead Closer
 with 90° swing

Dimensions:

Length	11-5/8"
Height	1-1/2"
Width	3-11/16"
<i>Fits into 1-3/4" x 4" header</i>	

Offset Pivot Set for Aluminum Doors & Frames

Replacement pivot set for standard commercial applications.

- J27 = flush with frame face
- J28 = 1/8" offset

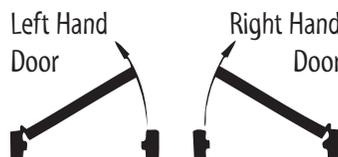
Replacement Pivot Sets

MODEL	TYPE	HANDING	DOOR MANUFACTURER	FINISH
J-27	Offset	Non-handed	Miscellaneous	628 & 313
J-28	Offset	Non-handed	Miscellaneous	628 & 313
J-34	Offset	RH or LH	US Aluminum	628 & 313
J-40	Offset	RH or LH	Amarite	628 & 313
J-41	Offset	RH or LH	PPG	628 & 313
20-1155	Center Hung	Non-handed	Miscellaneous	--



J-40

Specify Right Hand or Left Hand



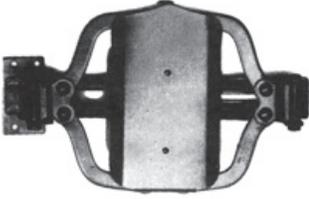
FINISHES:

Satin	628
Aluminum	
Dark Bronze	313

ORDER	2	21-101-A-17	Concealed Overhead Closer
EXAMPLE:	QTY	MODEL	DESCRIPTION

DOOR CLOSERS

Kant-Slam



1469A31

7-1/2" high, 13" wide, 2-1/2" deep
Mounting bracket measures
3-1/4" by 1-3/4"

Hydraulic Gate Holder / Closer

Closes large or small gates up to 150 lbs, easily, gently, smoothly.

- Will not slam gate
- Complies with most pool gate legislation restrictions
(always check local ordinances)
- Adjusting screw regulates closing speed
- Installs on side, top, middle or bottom of right or left hand gate
- Mounts on opening side of door
- Hydraulic action gives ample closing force at the latching point
- Steel base material, may be welded
- Mounting screws, instructions included

NATIONAL DOOR CONTROLS



NDC 102

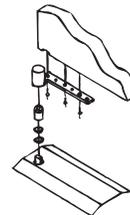
Floor Closer Conversion Pivots

Convert concealed closers to surface-mounted closers. Leave old door closer in place. Replace closer arm with a retrofit pivot arm. Install a surface-mounted closer or automatic operator.

- Reduce installation time, cut hardware costs
- No need to remove old closer or remove threshold

- **NDC 100** 
Retrofit concealed floor checks to surface-mounted door closers
Rixson 28, 30 & 40 series; Dor-O-Matic 300M & 2600M series & Pittco
Neutralizes all center-hung floor checks

- **NDC 101** 
Retrofit concealed floor checks to surface-mounted door closers:
Rixson 27 series; Dor-O-Matic 2500M series & Pittco
Neutralizes 3/4" & 1.5" offset pivoted floor checks
Handed: specify RH or LH



- **NDC 102** 
Retrofit endload and sideload overhead concealed door closers
Jackson • Kawneer Husky • Dorma NDC/Rixson 808
For Rixson overhead concealed closers

ORDER	2	NDC 101	RH	--	Floor Closer Conversion Pivot
EXAMPLE:	QTY	MODEL	HAND	FINISH	DESCRIPTION

DOOR
CLOSERS

27 & 28 Floor Closer Bodies

Heavy-duty floor closer body for retrofit applications.

- LAP = Less All Parts, for ordering body only
- 27LAP: 450 lb. weight capacity
- 28LAP: 300 lb. weight capacity
- Close doors up to 4'0" x 8'6"
- Handed, specify RH or LH when ordering

Floor Closer Options:

Single acting, handed **27**
 Exterior or interior doors **3/4" Offset**
 Weight to 450 lbs. **Complete Floor Closer**
 Door width up to 4'0"

Cement case, floor plate,
 top pivot



27LAP
3/4" offset

Complete Door Control
 for Exterior and Interior Doors
 Where Concealment
 Is Desired

Single acting, handed **28**
 Exterior or interior doors **Center Hung**
 Weight to 350 lbs. **Complete Floor Closer**
 Doors up to 4'0", 8'6"

Cement case, floor plate,
 top pivot



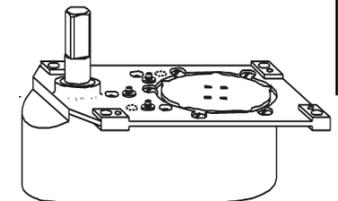
28LAP
center hung

For lead-lined / heavy /
 high traffic doors, up to
 1,500 lbs. **L27 or L28**
for Lead Lined Doors

not shown

800 lb. weight capacity **H27 or H28**

not shown



DOOR
 CLOSERS



HOWARD MANUFACTURING CO.



DPG

Door Pressure Gauge

Measures door pressure to satisfy door codes.

In addition to satisfying door codes, the DPG may be used to determine correct belt tensions on drives of auxiliary equipment such as air compressors, fans, and refrigeration and air conditioning equipment.

- Tests door pressure to meet ADA requirements
- 5 lbs. of pressure is the maximum force allowed to open interior doors
- For exterior doors, 8.5 lbs. is recommended; check with local authorities
- Measures forces up to 35 lbs.

ORDER	2	28LAP	Floor Closer
EXAMPLE:	QTY	MODEL	DESCRIPTION