

**Door Control Services, Inc.**



**2017 HARDWARE CATALOG**



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Dear Valued Customer,

Door Control Services, Inc. has installed and serviced automatic doors for over forty years. We are proud of our reputation as the industry leader and strive to maintain that role by providing the best possible service and products to our customers. Each of our service technicians is trained to diagnose and repair every component in any automatic door system.

Door Control Services, Inc. has worked to build the most comprehensive automatic door service company in the industry. Over fifty technicians and sales representatives receive extensive training in order to maximize the safety and value of every door system. The parts division not only ships parts from coast to coast but also provides service to customers with the largest inventory of replacement parts in the country.

Our mission is to provide our customers with the convenience expected from their automatic doors while maintaining the latest safety standards that their patrons deserve.

We value your business,

A handwritten signature in black ink that reads "Don Gilchrist". The signature is written in a cursive, flowing style.

Don Gilchrist  
Owner & Founder

# GENERAL SALES POLICIES

## TERMS AND CONDITIONS

Door Control Services published prices, discounts, payment terms and transportation methods in effect at the time of shipment shall apply unless otherwise expressly stated. Any deviation from stated terms and conditions must be agreed to in writing prior to purchase.

## CLAIMS

All claims must be made within 10 days of receipt of shipment. All shipments made F.O.B. Door Control Services, 321 VZ County Road 4500, Ben Wheeler, Texas 75754 (unless otherwise agreed), and risk of loss of buyer upon shipment.

## RETURNS

All requests for returns must be made within 90 days of original purchase. A 30% restock charge may be assessed for all unused parts returned to Door Controls Services. A 60% restock fee may be assessed for all special order items. All returns must be shipped prepaid. Credit will be given toward future purchase only, and no cash refunds will be given.

## SALES TAX AND INSURANCE

All customers must furnish Door Controls Services a Resale Tax Certificate in order to avoid being charged applicable taxes. Door Control Services refuses the right to request a proof of insurance certificate.

## WARRANTY

Door Controls Services' warranty period for new and rebuilt parts is one year from date of purchase. The warranty provides for the placement or refund only and does not cover any incidental costs incurred by its failure. Warranty is made to the original customer only customer only and is not transferrable.

# GENERAL INFORMATION

## MISSION STATEMENT

Door Control Service's mission is to provide our customers with the convenience expected from their automatic, manual and overhead doors while maintaining the latest safety standards that their patrons deserve.

## COMMITMENT TO SAFETY, SECURITY AND EASE OF ACCESS

With 100+ AAADM certified technicians located across the states of Texas, Louisiana, and Arkansas, Door Control Services is your one-stop solution for service, repair and installation of your commercial doors – from lobby to dock. Every door provides silent testimony of your commitment to safety, security and ease of access.

## SALES AND CUSTOMER SERVICE

At Door Control Services, we are here for you. We go the extra mile when you need it the most. Call us toll-free, fax us or simply e-mail your order. We know the door industry and understand your needs. Open 24/7/365, because no one knows when a door is going to require service. We will provide you with the best service in the industry.

## NEW EQUIPMENT

Door Control Services supplies and installs a full line of custom and standard manual, automatic, overhead doors, dock equipment and security and specialty products in the commercial markets.

## CORRECTIONS / UPDATES

We will constantly be looking for any mistakes or changes made to products, and will always have the most current corrections and updates available upon request in digital or printed formats. Our online catalog will also adhere to these updates, allowing you the most current information available.



Door Controls USA, Inc.



# CUSTOM METAL PRODUCTS

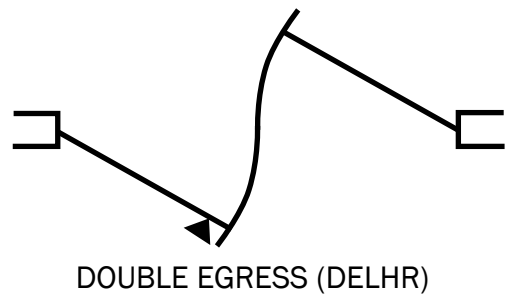
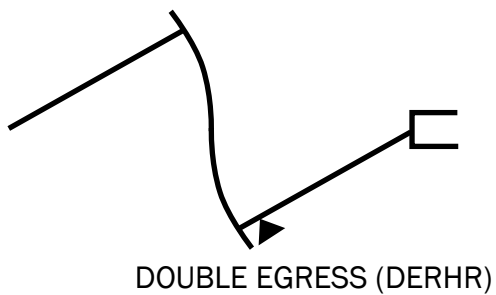
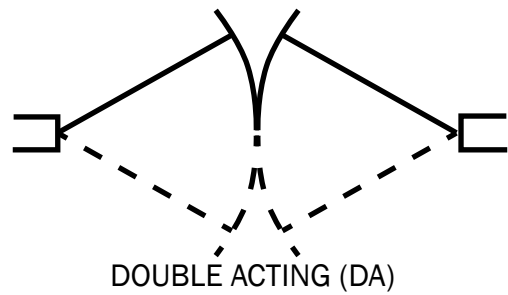
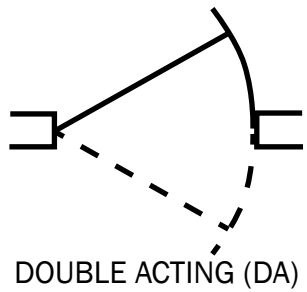
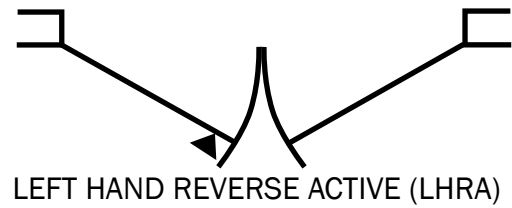
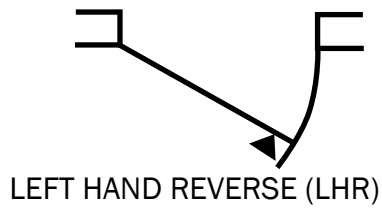
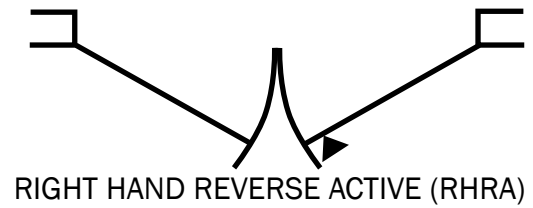
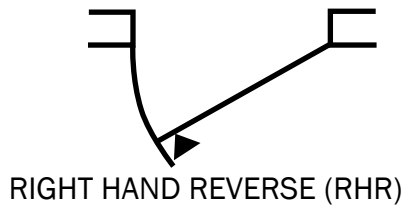
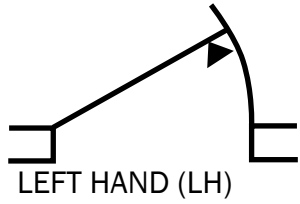
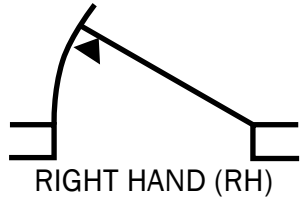


## COLOR & FINISH CHART

Nearest U.S.	Canadian Equivalent	BHMA Code	Finish Description
USP	CP	600	Primed for painting
US2G	C2G	603	Zinc plated
US3	C3	605	Bright brass, clear coated
US4	C4	606	Satin brass, clear coated
US9	C9	611	Bright bronze, clear coated
US10	C10	612	Satin bronze, clear coated
US10B	C10B	613	Oxidized satin bronze, oil rubbed
US14	C14	618	Bright nickel plated, clear coated
US15	C15	619	Satin nickel plated, clear coated
US19	C19	622	Flat black coated
US20A	C20A	624	Dark oxidized, statuary bronze, clear coated
US26	C26	625	Bright chromium plated
US26D	C26D	626	Satin Chromium plated
US27	C27	627	Satin aluminum, clear coated
US28	C28	628	Satin aluminum, clear anodized
US32	C32	629	Bright stainless steel
US32D	C32D	630	Satin stainless steel



# DOOR HANDING



▲ = KEY SIDE

# SURFACE MOUNTED DOOR CLOSERS

## DOOR CONTROLS USA PREMIUM 6000 SERIES

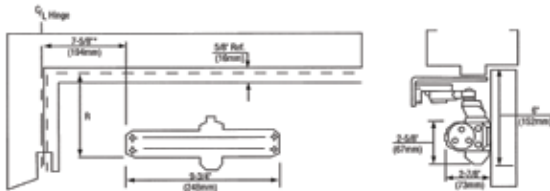
DC USA's 6000 Premium Series Door Closer is constructed for all medium to high traffic commercial storefront applications. The 6000 Series door closer is built on a 9 1/16" hole pattern, manufactured from high-grade aluminum, packaged with an all-weather fluid. DC USA's 6000 Premium Series door comes standard with power adjustable backcheck, sweep, latch and 1-5 spring tension valves.

ANSI Rated A156.4, Grade 1, Certified UL Listed, ADA compliant, meets or exceeds California Building Code requirements for minimal foot pounds of pressure, cycle tested to meet or exceed 2 million cycle counts.

### STANDARD FEATURES

- Package with parallel arm bracket, wood/metal self-tapping screws, full cover
- Mounting templates included for regular arm, top jamb and parallel arm mount
- Allen head adjustment valves
- **Lifetime warranty**
- \*\*Available Finishes: AL-Aluminum (689) & DU-Dark Bronze (690)

### TECHNICAL DRAWING



6115-AL WITH COVER



WITHOUT COVER



WITHOUT COVER

<b>NDP5000**</b> Top Jamb Drop Plate
<b>LDP5000**</b> Parallel Arm Drop Plate
<b>ARM6115HOFAL**</b> Hold Open Friction Arm
<b>6000RA**</b> Standard Threaded Rod Arm
<b>PAB5000**</b> Parallel Arm Bracket
<b>5000SPACK**</b> Metal/Wood Self Tapping Screws
<b>SXN134**</b> Architectural Through Bolts
<b>6000COV**</b> Large Plastic Cover



NDP5000



LDP5000



6000RA



ARM6115HOFAL



5000SPACK



PAB5000



SXN134



6000COV

# SURFACE MOUNTED DOOR CLOSERS

## DOOR CONTROLS USA PREMIUM 4000 SERIES

DC USA's 4000 Premium Series Door Closer is constructed for all medium to high traffic commercial storefront/industrial door applications. The 4000 Series door closer is manufactured from high-grade cast iron, packaged with all-weather fluid. DC USA's 4000 Premium Series door comes standard with power adjustable backcheck, sweep, latch and 1-6 spring tension valves.

ANSI Rated A156.4, Grade 1, Certified UL Listed, ADA compliant, meets or exceeds California Building Code requirements for minimal foot pounds of pressure, cycle tested to meet or exceed 2 million cycle counts.

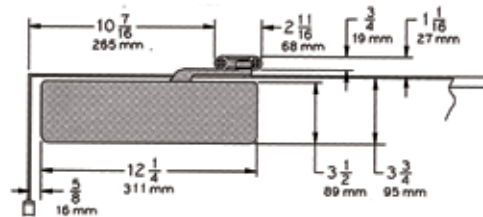


4116-DU

### STANDARD FEATURES

- Package with parallel arm bracket, wood/metal self tapping screws, full cover
- Mounting Templates included for Regular Arm, Top Jamb and Parallel arm mount
- Allen head adjustment valves
- **Lifetime warranty**
- \*\*Available Finishes: AL-Aluminum (689) & DU-Dark Bronze (690)

### TECHNICAL DRAWING



<b>18PA**</b> Parallel Arm Drop Plate
<b>18**</b> Pull Side Drop Plate
<b>18TJ**</b> Tom Jamb Mount Narrow Transom Drop Plate
<b>18G**</b> Top Jamb Mount Flush with the ceiling Drop Plate
<b>4116CUSH**</b> Cushion Stop Arm
<b>4116CUSHHO**</b> Hold Open Cushion Stop Arm
<b>PAB4116**</b> Parallel Arm Bracket
<b>4116SPACK**</b> Metal / Wood Self Tapping Screws
<b>DC4116-30**</b> Cush Shoe Support
<b>DC4116**</b> Blade Stop Spacer
<b>4116COV**</b> Large Plastic Cover
<b>SXN134**</b> Architectural Through Bolts



18PA



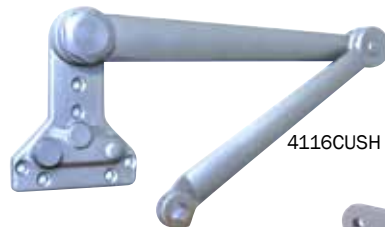
18



18G



18TJ



4116CUSH



4116CUSHHO



PAB4116



4116SPACK



DC4116-30



DC4116-61



4116COV



SXN134

# SURFACE MOUNTED DOOR CLOSERS

## DOOR CONTROLS USA PREMIUM 8000 SERIES

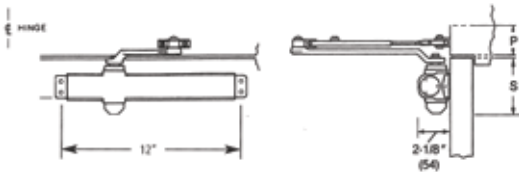
DC USA's 8000 Premium Series Door Closer is constructed for all medium to high traffic commercial storefront, hollow metal and wood door applications. The 8000 Series door closer is built on a 12" hole pattern, manufactured from high-grade aluminum, packaged with all-weather fluid. DC USA's 8000 Premium Series door comes standard with power adjustable backcheck, sweep, latch and 1-6 spring tension valves.

ANSI Rated A156.4, Grade 1, Certified UL Listed, ADA compliant, meets or exceeds California Building Code requirements for minimal foot pounds of pressure, cycle tested to meet or exceed 2 million cycle counts.

### STANDARD FEATURES

- Package with parallel arm bracket, wood/metal self tapping screws, full cover
- Mounting Templates included for Regular Arm, Top Jamb and Parallel Arm Mount
- Allen head adjustment valves
- Available in Full Cover and Slim Cover Models
- **Lifetime warranty**
- \*\*Available Finishes: AL-Aluminum (689) & DU-Dark Bronze (690)

### TECHNICAL DRAWING



8116-AL



WITHOUT COVER

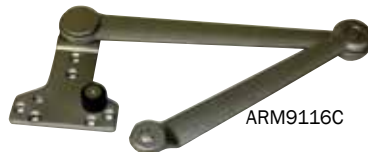
<b>8116LDP**</b> Parallel Mount Drop Plate
<b>8116NDP**</b> Top Jamb Mount Drop Plate
<b>ARM8116HOC**</b> Hold Open Cushion Stop Arm
<b>ARM9116C**</b> Cushion Stop Arm
<b>6000RA**</b> Standard Slide Arm
<b>PAB5000**</b> Parallel Arm Bracket
<b>8116COVFC**</b> Full Plastic Cover
<b>8116COVSL**</b> Slim Plastic Cover
<b>5000SPACK**</b> Metal/Wood Self Tapping Screws
<b>SXN134**</b> Architectural Through Bolts



8116LDP



ARM8116HOC



ARM9116C



PAB5000



8116NDP



6000RA



8116COVFC



8116COVSL



SXN134



5000SPACK

Service @ [DoorControlServices.com](http://DoorControlServices.com)

888-833-7857

# SURFACE MOUNTED DOOR CLOSERS

## DOOR CONTROLS USA PREMIUM 9000 SERIES

DC USA's 9000 Premium Series Door Closer is constructed for all medium to high traffic commercial storefront, hollow metal and wood door applications. The 9000 Series door closer is built on a 11 3/4" hole pattern, manufactured from high-grade aluminum, packaged with all-weather fluid. DC USA's 9000 Premium Series door comes standard with power adjustable backcheck, sweep, latch and 1-6 spring tension valves.

ANSI Rated A156.4 Grade 1, Certified UL Listed, ADA compliant, meets or exceeds California Building Code requirements for minimal foot pounds of pressure, cycle tested to meet or exceed 2 million cycle counts.



9116-AL

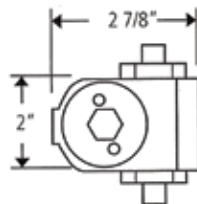
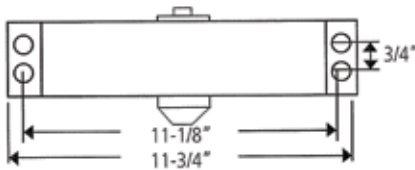


WITHOUT COVER

### STANDARD FEATURES

- Package with parallel arm bracket, wood/metal self tapping screws, full cover
- Mounting Templates included for Regular Arm, Top Jamb and Parallel Arm Mount
- Allen head adjustment valves
- Available with Full Cover
- **Lifetime warranty**
- \*\*Available Finishes: AL-Aluminum (689) & DU-Dark Bronze (690)

### TECHNICAL DRAWING



<b>LDP9000**</b> Parallel Mount Drop Plate
<b>ARM8116HOC**</b> Hold Open Cushion Stop Arm
<b>ARM9116C**</b> Cushion Stop Arm
<b>6000RA**</b> Standard Slide Arm
<b>PAB5000**</b> Parallel Arm Bracket
<b>9000COV**</b> Full Plastic Cover
<b>5000SPACK**</b> Metal/Wood Self Tapping Screws
<b>SXN134**</b> Architectural Through Bolts



LDP9000



ARM8116HOC



6000RA



ARM9116C



PAB5000



9000COV



SXN134



5000SPACK



# OVERHEAD CONCEALED CLOSERS

## DOOR CONTROLS USA SIGNATURE 50 SERIES

DC USA Signature 50 Series Overhead Concealed Door Closer is constructed for all wood, metal, aluminum and hollow metal headers where aesthetically a surface mounted door closer will not work.

DC USA Signature 50 Series Overhead Concealed Door Closer is built with a adjustable spring tension valve allowing to meet all ADA requirements for interior and exterior door applications.



DC5031

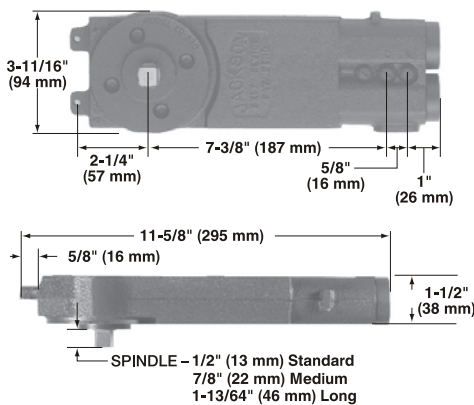
### STANDARD FEATURES

- Certified UL Listed
- Dual and single acting
- Spring tension adjustment allen head valve
- Positive centering for alignment
- Cast iron body
- Flat head adjustment valves for closing and latching speeds
- Mounting brackets included
- 1/2" spindle size standard

### AVAILABLE MODELS

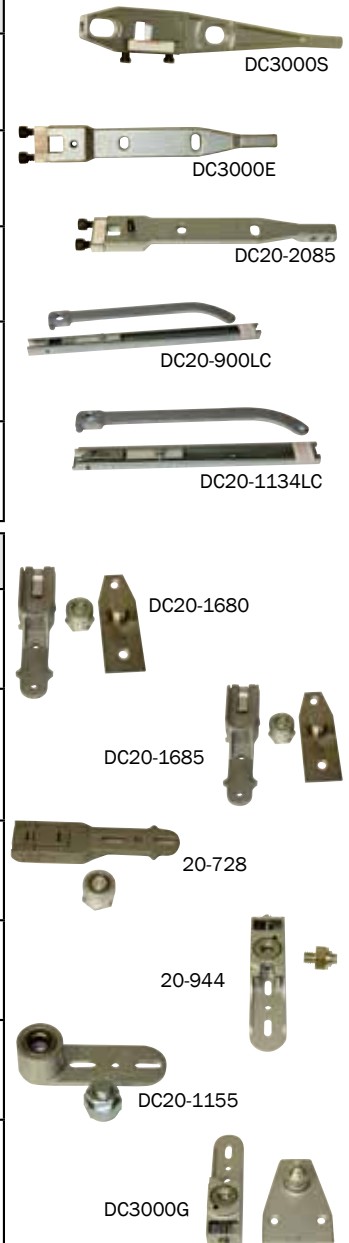
ADJUSTABLE SPRING TENSION
<b>DC5030</b> 105 Degree Hold Open
<b>DC5031</b> 105 Degree Non Hold Open
<b>DC5032</b> 90 Degree Hold Open
<b>DC5033</b> 90 Non Hold Open

### TECHNICAL DRAWING



### DC USA SIGNATURE 50 SERIES ACCESSORIES

ARM PACKAGES
<b>DC3000S</b> 1/2" Side Load Arm Package
<b>DC3000E</b> 1" End load Arm Package
<b>DC20-2085</b> 5/8" End Load Arm Package
<b>DC20-900LC</b> 7/8" Deep Rail Offset Arm Package
<b>DC20-1134LC</b> 5/8" Narrow Rail Offset Arm Package
PIVOT PACKAGES
<b>DC20-1680</b> BV Style For Threshold & Floor Application - 1" Deep Bottom Door Rail
<b>DC20-1685</b> UP Style for Threshold & Floor Application - 1-1/2" Deep Bottom Door Rail
<b>20-728</b> AE Style for Threshold Application 1" Deep Bottom Rail
<b>20-944</b> GE Style For Threshold Application 1-1/2" Deep Bottom Door Rail
<b>DC20-1155</b> BE Style-For Floor Application 1" Deep Bottom Door Rail
<b>DC3000G</b> Dual Purpose Center Pivot For Threshold & Floor Application- 1" Deep Bottom Door Rail



# OVERHEAD CONCEALED CLOSERS

## DOOR CONTROLS USA SIGNATURE 30 SERIES

DC USA Signature 30 Series Overhead Concealed Door Closer is constructed for all wood, metal, aluminum and hollow metal headers where aesthetically a surface mounted door closer will not work.

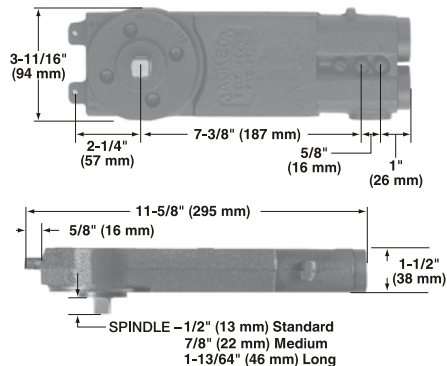
### STANDARD FEATURES

- Certified UL Listed
- Dual and single acting
- Positive centering for alignment
- Cast iron body
- Flat head adjustment valves for closing and latching speeds
- Mounting brackets included
- 1/2" spindle size standard

### AVAILABLE MODELS

LIGHT SPRING TENSION MODELS
<b>DC3020</b> 105 Degree Hold Open
<b>DC3021</b> 105 Degree Non Hold Open
<b>DC3022</b> 90 Degree Hold Open
<b>DC3023</b> 90 Non Hold Open
MEDIUM SPRING TENSION MODELS
<b>DC3030</b> 105 Degree Hold Open
<b>DC3031</b> 105 Degree Non Hold Open
<b>DC3032</b> 90 Degree Hold Open
<b>DC3033</b> 90 Non Hold Open

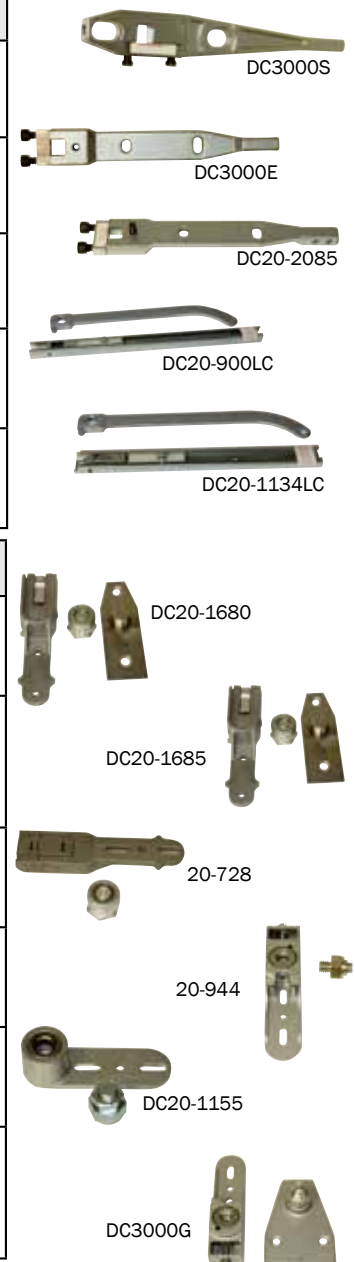
### TECHNICAL DRAWING



DC3031

### DC USA SIGNATURE 30 SERIES ACCESSORIES

ARM PACKAGES
<b>DC3000S</b> 1/2" Side Load Arm Package
<b>DC3000E</b> 1" End load Arm Package
<b>DC20-2085</b> 5/8" End Load Arm Package
<b>DC20-900LC</b> 7/8" Deep Rail Offset Arm Package
<b>DC20-1134LC</b> 5/8" Narrow Rail Offset Arm Package
PIVOT PACKAGES
<b>DC20-1680</b> BV Style For Threshold & Floor Application - 1" Deep Bottom Door Rail
<b>DC20-1685</b> UP Style for Threshold & Floor Application - 1-1/2" Deep Bottom Door Rail
<b>20-728</b> AE Style for Threshold Application 1" Deep Bottom Rail
<b>20-944</b> GE Style For Threshold Application 1-1/2" Deep Bottom Door Rail
<b>DC20-1155</b> BE Style-For Floor Application 1" Deep Bottom Door Rail
<b>DC3000G</b> Dual Purpose Center Pivot For Threshold & Floor Application 1" Deep Bottom Door Rail



# OVERHEAD CONCEALED CLOSERS

## JACKSON SERIES

Jackson's 20-101 Series Overhead Concealed Door Closer is constructed for all wood, metal, aluminum and hollow metal headers where aesthetically a surface mounted door closer will not work.

Jackson's 20-101M Door Closer is built with adjustable spring tension value allowing to meet all ADA requirements for interior and exterior door applications.

### STANDARD FEATURES

- Certified UL Listed
- Dual and single acting
- Spring tension adjustment allen head valve
- Cast iron body
- Flat head adjustment valves for closing and latching speeds
- Mounting brackets included
- 1/2" spindle size standard
- 7/8" extended spindle size available



20-101M-17

### AVAILABLE MODELS

ADJUSTABLE SPRING TENSION MODELS
<b>20-101M-17</b> 105 Degree Hold Open
<b>20-101M-18</b> 105 Degree Non Hold Open
<b>10-101M-20</b> 90 Degree Hold Open
<b>20-101M-19</b> 90 Non Hold Open
<b>20-104M-01B</b> 105 Degree Non Hold Open 7/8" Ext. Spindle
<b>20-104M-02B</b> 105 Degree Hold Open 7/8" Ext. Spindle
<b>20-104M-19</b> 90 Degree Non Hold Open 7/8" Ext. Spindle
<b>20-104M-20</b> 90 Degree Hold Open 7/8" Ext. Spindle

### JACKSON OVERHEAD CONCEALED DOOR CLOSER ACCESSORIES

ARM PACKAGES
<b>DC3000S</b> 1/2" Side Load Arm Package
<b>DC3000E</b> 1" End load Arm Package
<b>DC20-2085</b> 5/8" End Load Arm Package
<b>DC20-900LC</b> 7/8" Deep Rail Offset Arm Package
<b>DC20-1134LC</b> 5/8" Narrow Rail Offset Arm Package
PIVOT PACKAGES
<b>DC20-1680</b> BV Style For Threshold & Floor Application - 1" Deep Bottom Door Rail
<b>DC20-1685</b> UP Style for Threshold & Floor Application - 1-1/2" Deep Bottom Door Rail
<b>20-728</b> AE Style for Threshold Application 1" Deep Bottom Rail
<b>20-944</b> GE Style For Threshold Application 1-1/2" Deep Bottom Door Rail
<b>DC20-1155</b> BE Style-For Floor Application 1" Deep Bottom Door Rail
<b>DC3000G</b> Dual Purpose Center Pivot For Threshold & Floor Application 1" Deep Bottom Door Rail





# OVERHEAD CONCEALED CLOSERS

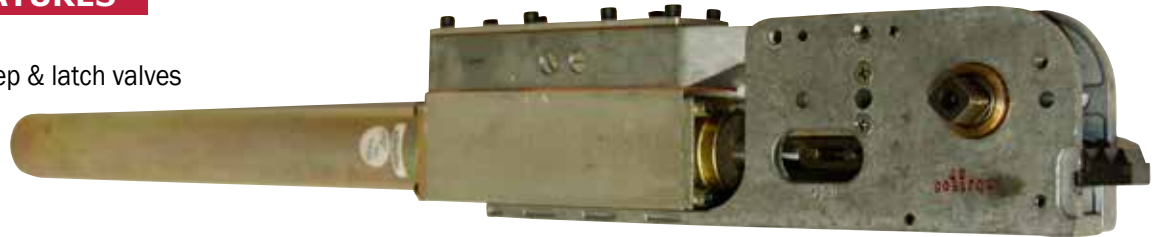
## REMANUFACTURED KAWNEER HUSKY

Remanufactured Kawneer Husky Overhead Concealed Door Closer is built to be a direct replacement for the original Kawneer Husky "Shotgun" Door Closer. Remanufactured Kawneer Husky replacement is sold in light, medium and heavy duty spring tensions.

### REPLACES THE ORIGINAL KAWNEER HUSKY "SHOTGUN" CLOSER

#### STANDARD FEATURES

- Double acting
- Fully adjustable sweep & latch valves
- Backcheck
- Non-handed



R37-627

#### AVAILABLE MODELS

LIGHT
<b>R37-626</b> 105 Degree Hold Open
<b>R37-624</b> 105 Degree NON-LC Hold Open
<b>R37-625</b> 90 Degree Hold Open
MEDIUM
<b>R37-629</b> 105 Degree Hold Open
<b>R37-627</b> 105 Degree NON Hold Open
<b>R37-628</b> 90 Degree Hold Open
HEAVY
<b>R37-632</b> 105 Degree Hold Open
<b>R37-630</b> 105 Degree NON Hold Open
<b>R37-631</b> 90 Degree Hold Open

#### ACCESSORIES

ARM PACKAGES
<b>ARMKTA</b> End load arm package
<b>ARMSAM2</b> Side load arm sold with track and block
PIVOT PACKAGES
<b>DCKBCP</b> Bottom Center Pivot



***Upon purchase of the remanufactured Kawneer Husky, a core is due. Cores are also wanted for future refurbishing.***

# LOW ENERGY OPERATORS

## DOOR CONTROLS USA DC7000 and DC4000



**DC7000 ADA / LOW ENERGY OPERATOR  
(DOOR CONTROLS USA MANUFACTURED)  
DC7000-1A SHOWN**



## DCS STAINLESS STEEL PUSH PLATES AND MOUNTING BOXES

Push Plate Size	Push Plate Series	Surface Mount Box	Flush Mount Box
4.75" Square Push Plate	DC10011	DC10012	DC10010
6" Round Push Plate	DC10015	DC10016	DC10014
4.75" Jamb Mount Push Plate	DC10009	DC10013	DC10008
4.5" Square Push Plate	DC10006	DC10007	



- Three zone opening with independent open, check, and hold values
- Adjustable open acceleration and deceleration rates
- Two zone closing with built in close speed adjustment
- On/off/hold open switch
- Two digit display with three button interface for adjustments
- Built in strike interface with dedicated relay and connector for lock
- Adjustable Torque Limiting – allows faster door operation without compromising safety
- Adjustable Obstruction Sensing – if obstruction is encountered during door opening, stalls temporarily, then switches to an independently adjustable seek speed to complete cycle

- Selectable Close Recycle – if obstruction is encountered during door closing, recycles door open, with independently adjustable time delay
- Selectable Push To Open – automatically cycles door if a cycle is initiated manually, with independently adjustable time delay
- 24VDC accessory output for powering accessories up to 0.5 ampere total load
- Built in power supply
- Easy installation and adjustment
- Optional length header available, Standard 39".
- Available in clear or dark bronze anodized finish.
- Push plate switches available.

**Service @ [DoorControlServices.com](http://DoorControlServices.com)**

# FLOOR CONCEALED CLOSERS

## DORMA BTS80 SERIES

The BTS80 Series of Floor Closers offer the adaptability to almost any floor installation. The closers' compact body permits its use where a surface or overhead concealed closer would be prohibitive. Versatility allows installation in thin slab concrete subfloor construction. A wide selection of interchange spindles makes the BTS80 suitable for virtually any floor covering or threshold application. The BTS80 can control heavy single- and double-action aluminum storefront or all glass doors.

### STANDARD FEATURES

- Double acting
- Accommodates doors weighing up to 660 pounds
- Selectable delayed action
- Dual thermostatic control valves combined with special hydraulic fluid
- ADA compliant available
- Sold as both Closer Body only or Full Package to include Closer, Arm, Cement Box and Cover Plate
- Multiple spindle sizes, spring tensions and electrified versions available



BTS80

## DORMA BTS75V SERIES FLOOR CLOSERS

Dorma's BTS75V compact design allows use where a larger door closer would be prohibitive. The versatility of the closer allows for installation in thin slab concrete subfloor construction. Adjustable spring tension from sizes 1-4 allows for both ADA barrier free openings and heavier non-barrier free openings.

### STANDARD FEATURES

- Double acting
- Accommodates doors weighing up to 600 pounds
- Dual thermostatic control valves combined with special hydraulic fluid
- ADA compliant available
- Sold as both Closer Body only or Full Package to include Closer, Arm, Cement Box and Cover Plate
- Multiple spindle sizes, spring tensions and electrified versions available



BTS75V

# FLOOR CONCEALED CLOSERS

## RIXSON 27/28 SERIES FLOOR CLOSERS

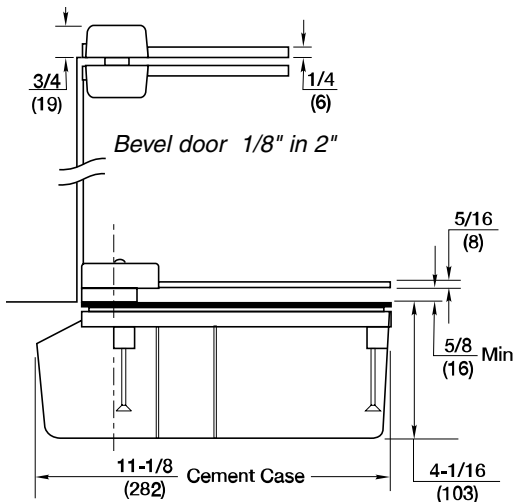
Floor closers provide the best mechanical means of controlling a door. They are designed to work with the laws of physics to provide long-lasting performance and reliability. The weight of the door is supported entirely by the bottom arm, which is directly connected to the floor closer spindle. Floor closers are fully concealed to maintain aesthetic design of the opening and to prevent vandalism or tampering by unauthorized individuals.

### STANDARD FEATURES

- Single-acting, handed for use on interior or exterior doors
- Max door weight 27 series (450 lbs.)  
28 series (350 lbs.)
- Heavy duty hydraulic mechanism for reliable performance
- Complete with bottom arm, top pivot, cement case and floor plate
- Rixson 27- offset hung
- Rixson 28- center hung
- Specify hold-open or non hold-open
- Degree of opening available: 90, 105
- 10 year warranty



### TECHNICAL DRAWING



## RIXSON 27

### STANDARD FEATURES

Single-acting, handed  
Exterior or interior doors  
Weight to 450 lbs.\*  
Door width up to 4'0"

\* Door size & weight guidelines are determined using the appropriate number of intermediate pivots

## RIXSON 28

### STANDARD FEATURES

Single-acting, handed  
Exterior or interior doors  
Weight to 350 lbs. \*  
Door width up to 4'0" x 8'6"\*

\* For doors taller than 8'6" use top pivot #345 in lieu of #340

# FLOOR CONCEALED CLOSERS

## NATIONAL DOOR CONTROLS RETROFIT PIVOT KITS

### STANDARD FEATURES

- Retrofits overhead concealed or floor closers into a pivot allowing for installation of a surface closer or automatic door operator
- Allows doors to become ADA compliant
- Easy install
- Heavy duty arm construction
- Extremely reliable option to ensure longevity of door package
- Economical option to a dummy closer

### NDC100

Retro fit pivot kit for Center Hung Floor Closers



### NDC101LH

Retro fit pivot kit for Left handed Offset Floor Closers  
- Available for 3/4" offset and 1.5" offset Floor Closers



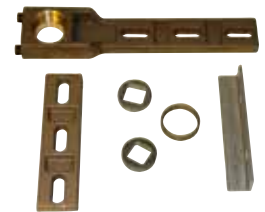
### NDC101RH

Retro fit pivot kit for Right handed Offset Floor Closers  
- Available for 3/4" offset and 1.5" offset Floor Closers



### NDC102EL

Retro fit pivot kit for End Loaded Overhead Concealed Door Closers



### NDC102SL-LH

Retro fit pivot kit for Left Handed Side Loaded



### NDC102SL-RH

Retro fit pivot kit for Right Handed Side Loaded  
Overhead Concealed Door Closers





# PIVOTS

## DOOR CONTROLS USA OFFSET PIVOTS

### STANDARD FEATURES

- Suitable for aluminum frames and doors weighing up to 125 lbs
- Suitable for all weather conditions
- Manufactured from die cast aluminum
- Full race ball bearing and bushing
- Fully retractable, spring loaded top pin for easy door installations and adjustments
- 1/8" vertical adjustment
- Case hardened stud in floor portion
- Available Finishes: AL-Aluminum (689) and DU-Dark Bronze (690)



OPYKK

<p>OP09</p>	<p>OP10</p>	<p>OP12</p>	<p>OP14G</p>
<p>Vistawall (Non handed)</p>	<p>Vistawall</p>	<p>Amarlite</p>	<p>US Aluminum</p>
<p>OP14KM</p>	<p>OP16</p>	<p>OPKP</p>	<p>OPYKK</p>
<p>Pittco/PPG</p>	<p>Aldora</p>	<p>Kawneer</p>	<p>YKK</p>

# PIVOTS

## DOOR CONTROLS USA INTERMEDIATE PIVOTS

807

### STANDARD FEATURES

- Used to keep door in alignment with pivots at top and bottom of the door
- 3/4" Offset Intermediate Pivot
- Standard 1-3/4" Storefront aluminum doors
- Fully mortised
- Available Finishes: AL-Aluminum (689) and DU-Dark Bronze (690)
- Handed



807

808

### STANDARD FEATURES

- 3/4" Offset Intermediate Pivot
- Standard 1 3/4" Storefront aluminum doors
- Not intended for load bearing
- Fully mortised
- Available Finishes: AL-Aluminum (689) or Duranodic (690)
- Handed

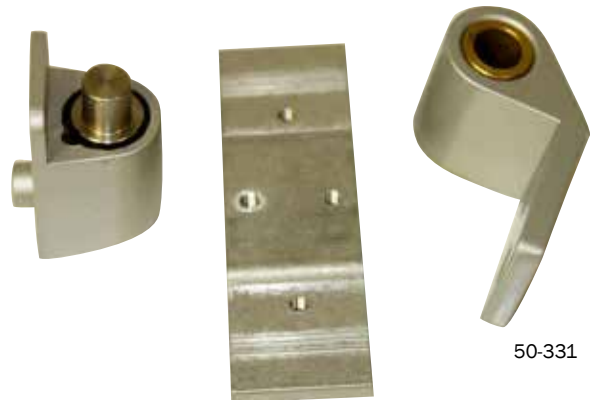


808

50-331

### STANDARD FEATURES

- Built specially for Kawneer Aluminum Storefront Doors
- Used to keep door in alignment with pivots at top and bottom of the door
- Adjustable and load bearing
- Used to keep door in alignment with pivots at top and bottom of the door
- Non-handed



50-331

DHK-10BB

### STANDARD FEATURES

- High tensile aluminum alloy
- Built for high traffic commercial doors up to 500 lbs
- Self-lubricating pin rotates in anti-friction bearings for smooth, trouble free operation
- Hinges can be mounted so that doors may be lifted off after installation, without removing pin or hinge
- Available Finishes: AL-Aluminum (689) and DU-Dark Bronze (690)



DHK-10BB

# HINGES

## HAGER ROTON GEARED HINGES

The Highly constructed Hager Roton Geared Hinge comes standard with 16 bearings to hold a door up to 320 pounds. The Heavy Duty version of the Roton Geared Hinge is built with 32 bearings to hold a door up to 640 pounds. The Roton Geared Hinge is suitable for medium to high traffic openings.

Hager offers models suitable for new construction architectural specifications or models for Aluminum storefront retro fit where an offset pivot or butt hinge package no longer works. Standard Through Bolt Mounting and secure molding on all Roton Geared Hinges. UL Listed.

The 83" Geared Hinge is Standard, 95" and 119" Geared Roton Hinges also available.

### 780210

Full Surface Model - Hinge with one leaf secured to the surface of the door and the other leaf secured to the surface of the jamb. 1/16" Inset.



780210

### 780157

Full Surface Limited Frame Model - Hinge with one leaf secured to the surface of the door and the other leaf secured to the surface of the jamb. A minimum 7/8" Stile mount allows this hinge to be virtually used for any type of retrofit. 1/32" Inset.



780157

### 780224

Standard Duty, Heavy Duty, or Lead Lined Concealed Leaf Hinge Standard duty for medium frequency doors. Heavy duty for high frequency doors. All for doors 1-3/4" (44 mm) thick.



780224

### 780054

Half Surface Model - Hinge with one leaf mortised in the door jamb and other leaf secured to the surface of the door. 1/8" Inset.



780054

Service @ [DoorControlServices.com](http://DoorControlServices.com)



# HINGES

## DOOR CONTROLS USA COMMERCIAL BUTT HINGES

### STANDARD FEATURES

- Intended for medium to heavy weight aluminum storefront and hollow metal door frames
- Commercial grade steel
- Meets ANSI A156.1 standards
- Equipped with non-rising pin
- Packaged with wood and metal screws
- Full mortise only
- 5 Knuckle Ball Bearing

### ALUMINUM STOREFRONT BUTT HINGES

#### STANDARD FEATURES

- 4.5" x 4.0" with 1/4 radius corner
- Available in 26D, 10B and 32D

#### DCBB4540N26D

Aluminum Finish

#### DCBB4540N10B

Dark Bronze Finish

#### DCBB4540NR32

Stainless Steel



DCBB4540N26D



DCBB4540N10B



DCBB4540NR32

### FULL MORTISE SPRING HINGES

#### STANDARD FEATURES

- Self closing action for when a door closer is not preferred
- 4.5" x 4.5" Square Corner Hinge
- Available in 26D Aluminum Finish



DCSH4545-26D

#### DCSH4545-26D

### HOLLOW METAL / WOOD DOOR BUTT HINGES

#### STANDARD FEATURES

- 4.5" x 4.5" Square Corner Hinge
- Available in 26D, 10B and 32D

#### DCBB4545N26D

Aluminum Finish

#### DCBB4545N10B

Dark Bronze Finish

#### DCBB4545N32D

Stainless Steel



DCBB4545N26D



DCBB4545N10B



DCBB4545N32D

### BUTT HINGE REINFORCING BACKING PLATES

#### STANDARD FEATURES

- Intended for medium- to heavy-weight aluminum storefront and Hollow Metal Door Frames
- Commercial grade steel
- Adds additional stability to door and frame
- Fits standard butt hinge template
- Available in aluminum finish



DCBB-BP

#### DCBB-BP

# PUSH / PULL / KICK PLATES

## HAGER PUSH / PULL / KICK PLATES

### 30S (PUSH PLATE)

#### STANDARD FEATURES

- Push plates meet ANSI A156.6 requirements for .050" thickness
- 4" x 16" plates
- Individually wrapped with mounting hardware
- Available in 10B, 26D & 32D



30S (PUSH PLATE)



33E (PUSH/PULL PLATE)

### 33E (PUSH/PULL PLATE)

#### STANDARD FEATURES

- Push /Pull plates meet ANSI A156.6 requirements for .050" thickness
- 1" Round Pull handle
- 4" x 16" plates
- 8" Center to Center Pull
- Individually wrapped with mounting hardware
- Available in 10B, 26D & 32D

### 190S (KICK PLATES)

#### STANDARD FEATURES

- Kick Plates meet ANSI A156.6 requirements for .050" thickness
- Designed to prevent damage/abuse to door bottom
- Individually wrapped with mounting hardware
- Available in 10B, 26D & 32D



190S (KICK PLATES)

#### AVAILABLE SIZES

<b>190S8x34-US32D</b> 8" x 34" Kick Plate 32D
<b>190S10x32-US32D</b> 10" X 32" Kick Plate 32D
<b>190S10x34-US32D</b> 10" X 34" Kick Plate 32D
<b>190S10x46-US32D</b> 10" X 46" Kick Plate 32D

<b>190S8x34-US26D</b> 8" X 34" Kick Plate 26D
<b>190S10x32-US26D</b> 10" X 32" Kick Plate 26D
<b>190S10x34-US26D</b> 10" X 34" Kick Plate 26D
<b>190S10x46-US26D</b> 10" X 46" Kick Plate 26D

<b>190S8x34-US10B</b> 8" X 34" Kick Plate 10B
<b>190S10x32-US10B</b> 10" X 32" Kick Plate 10B
<b>190S10x34-US10B</b> 10" X 34" Kick Plate 10B
<b>190S10x46-US10B</b> 10" X 46" Kick Plate 10B

# CYLINDRICAL LOCKS

## DOOR CONTROLS USA PREMIUM LEVER SETS

### STANDARD FEATURES

- ANSI 156.2
- 6-pin Schlage "C" keyway
- Clutch available in keyed lever sets
- Thru-bolted
- Meets ADA requirements
- 2 3/4" latch standard
- Available in 26D

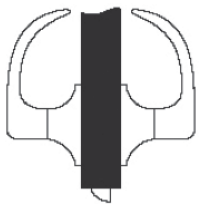


5000ENT-ICF26D

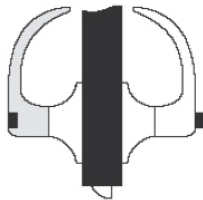


5000ENT26D

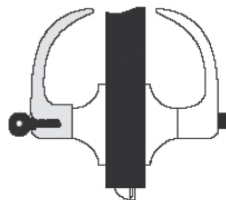
### LEVER SET FUNCTION



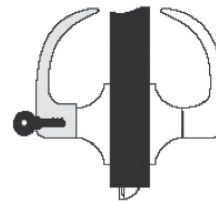
5000PASS



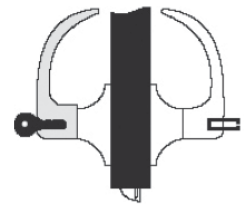
5000PRI



5000ENT  
5000ENT ICF



5000STR  
5000STR ICF



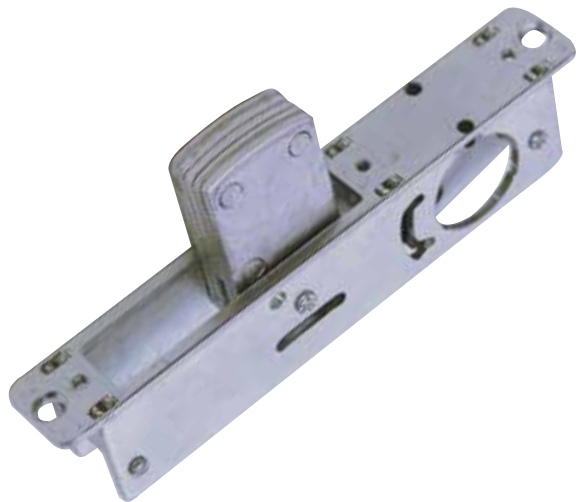
5000CLR  
5000CLR ICF

PART NUMBER	APPLICATION	FUNCTION
5000PASS	For doors that do not require locking. Lever operates the latch bolt at all times.	PASSAGE FUNCTION
5000PRI	For doors that require no key and ability to lock from the interior. Latch bolt by lever either side. Anti-panic operation, Turning inside lever retracts latch bolt.	PRIVACY FUNCTION
5000ENT	For doors that require locking function. Keyed on the outside lever and a push button on the inside lever. Deadlocking latch bolt where either lever operates latch bolt.	ENTRY FUNCTION
5000STR	For utility, storeroom and exit doors. Deadlocking latch bolt where exterior lever is always rigid. Latch bolt by key outside, lever inside.	STOREROOM FUNCTION
5000CLR	For classroom, office or utility doors. Deadlocking latch bolt where inside lever is always active.	CLASSROOM FUNCTION

# MORTISE LOCKS

## DOOR CONTROLS USA MORTISE LOCK




Available in Deadbolt, Hookbolt & Deadlatch Throws



### STANDARD FEATURES






- Designed for aluminum entrance doors
- 1" x 6" steel case mechanism
- Built to accept any standard 1-5/32" mortise cylinder or thumbturn
- Huge five-ply laminated steel bolt with concealed hardened steel pin provides maximum security for any single leaf door, or where gap between door and jamb is greater than desired
- Field reversible
- Backsets available 1-1/8", 31/32", or 1-1/2"

### AVAILABLE MORTISE LOCKS

DBL	HBL	DLL
		
<b>DEADBOLT</b>	<b>HOOKBOLT</b>	<b>DEADLATCH</b>
DBL-01 (1 1/8" BS)	HBL-01 (1 1/8" BS)	DLL-01 (1 1/8" BS)
DBL-02A (31/32" BS)	HBL-01A (1 1/2" BS)	DLL-01-31/32 (31/32" BS)
DBL-02B (1 1/2" BS)	HBL-01B (31/32" BS)	DLL-01A (1 1/2" BS)

### MORTISE LOCK FACE PLATES

Available in flat, left-hand beveled, right-hand beveled, radius and radius with a weather strip.  
Available in anodized aluminum and anodized bronze.

<b>FP1</b> For Dead Bolt	<b>FP2</b> For Dead Bolt	<b>FP3</b> For Dead Bolt	<b>FP4</b> For Dead Bolt	<b>FP5</b> For Dead Bolt
<b>FP6</b> For Hook Bolt	<b>FP7</b> For Hook Bolt	<b>FP8</b> For Hook Bolt	<b>FP9</b> For Hook Bolt	<b>FP10</b> For Hook Bolt
<b>FP11</b> For Dead Latch	<b>FP12</b> For Dead Latch	<b>FP13</b> For Dead Latch	<b>FP14</b> For Dead Latch	<b>FP15</b> For Dead Latch
<i>Flat</i>	<i>LH Beveled</i>	<i>RH Beveled</i>	<i>Radius</i>	<i>Radius w/WS</i>
				

# MORTISE LOCKS

## DOOR CONTROLS USA STORE FRONT ACCESSORIES

### MORTISE KEYED CYLINDERS (ZCKA/ZCKD)

#### STANDARD FEATURES

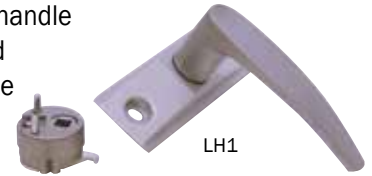
- 1" length 5 pin cylinder
- 1-5/32" diameter
- Schlage keyway
- Sold in pairs
- Available keyed alike and keyed different
- Zinc base material
- Available in anodized aluminum and bronze



### LEVER HANDLE (LH1)

#### STANDARD FEATURES

- Field reversible for opposite hand
- Field reversible cam plug included
- Extruded aluminum handle
- Available in anodized aluminum and bronze



### MORTISE THUMBTURN CYLINDER (ZCTT)

#### STANDARD FEATURES

- 1" length cylinder
- 1-5/32" diameter
- Zinc base material
- Available in anodized aluminum and bronze



### CRASH CHAIN (15855)

#### STANDARD FEATURES

- Prevents damage to door/closer, etc.
- Available in 25" and 30" chain length
- Nylon outer coat for added protection



### MORTISE DUMMY CYLINDER (ZD)

#### STANDARD FEATURES

- 7/8" length cylinder
- 1-5/32" diameter
- Available in anodized aluminum and bronze



### LOCK INDICATOR (L1-4089)

#### STANDARD FEATURES

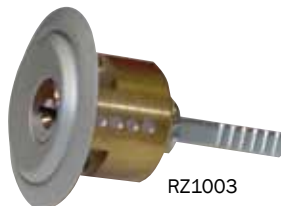
- Locked in red, open in green
- Surface mount install
- Available in anodized aluminum and bronze



### RIM CYLINDER (RZ1003)

#### STANDARD FEATURES

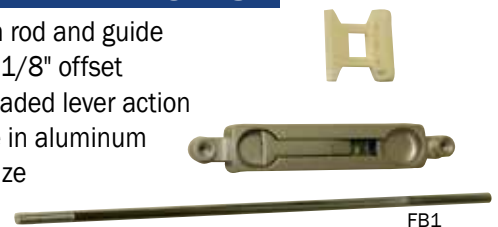
- 5-pin cylinder
- Standard commercial field sizeable tailpiece
- Schlage keyway
- Available in anodized aluminum and bronze



### FLUSH BOLT (FB1)

#### STANDARD FEATURES

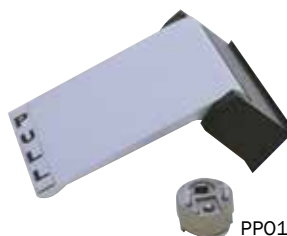
- Sold with rod and guide
- 12" with 1/8" offset
- Spring loaded lever action
- Available in aluminum and bronze



### PUSH PADDLE HANDLE (PP01)

#### STANDARD FEATURES

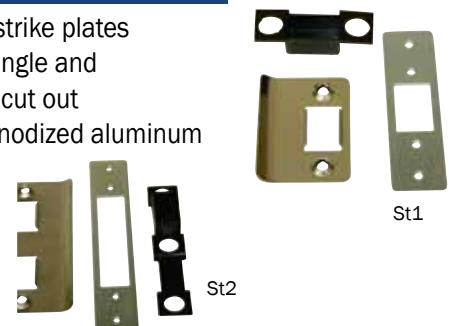
- Field reversible for opposite hand
- Field reversible cam plug included
- Extruded aluminum handle
- Available in anodized aluminum and bronze



### STRIKES (St1 / St2)

#### STANDARD FEATURES

- Mortise lock strike plates
- Available in single and double strike cut out
- Available in anodized aluminum



# EXIT DEVICES

## DOOR CONTROLS USA PREMIUM EDTBAR SERIES

Door Controls USA EDTBAR is an all-metal unit designed for medium to wide style doors. This universal, well-crafted, non-handed unit is a cost-effective solution for all hollow metal or wood door applications. The EDTBAR is constructed for medium traffic doors needing a solution for exit or to meet fire code.

### STANDARD FEATURES

- UL Listed
- ANSI 156.3 rating
- Allen dogging key standard
- Fire rated units available
- minimum 4 1/2" stile requirement for mounting
- 2 3/4" backset
- Non-handed, field reversible
- All-metal unit, large-head cover with large push pad
- Built to accept standard rim cylinder for exterior key control
- 36" and 48" units available
- Available in aluminum, bronze and stainless steel finishes



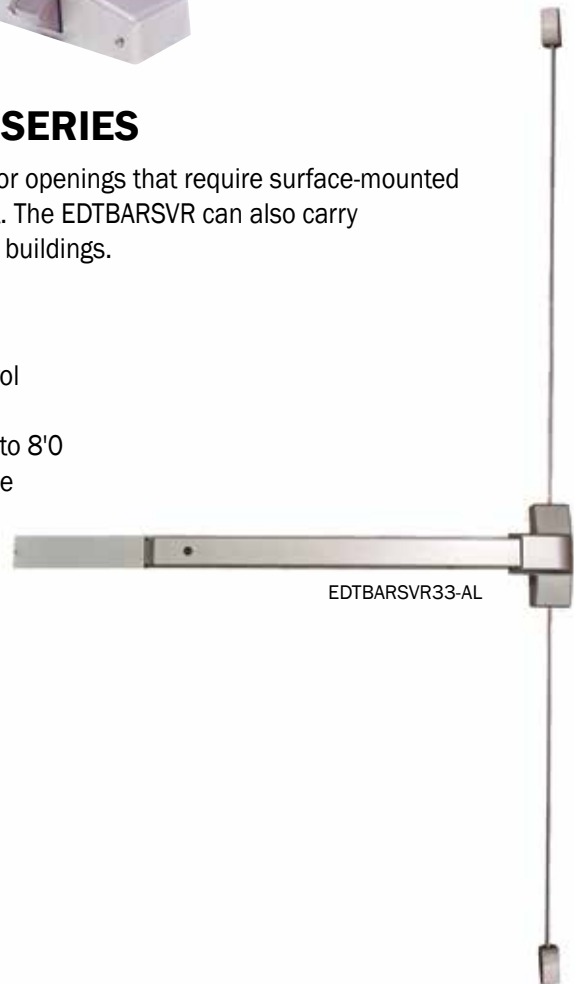
EDTBAR33-AL

## DOOR CONTROLS USA PREMIUM EDTBARSVR SERIES

Door Controls USA EDTBARSVR offers a tested solution for single or double door openings that require surface-mounted rods. The highly reliable device can be installed where a mullion is not present. The EDTBARSVR can also carry capability to function as a less bottom rod unit, which is desired in health care buildings.

### STANDARD FEATURES

- UL Listed
- ANSI 156.3 rating
- Allen dogging key standard
- Fire rated units available
- minimum 4 1/2" stile requirement for mounting
- 2 3/4" backset
- Non-handed, field reversible
- All-metal unit, large-head cover with large push pad
- Built to accept standard rim cylinder for exterior key control
- 36" and 48" units available
- External rods to fit doors 7'0 to 8'0
- Available in aluminum, bronze and stainless steel finishes



EDTBARSVR33-AL

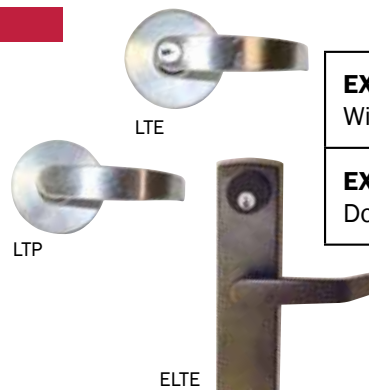
## TRIM PACKAGES

### STANDARD FEATURES

- Cylindrical body hardened steel heavy duty tail piece
- Built for 1 3/4" to 2" thick doors
- Thru bolt design for added security in the opening
- Available in aluminum and bronze finishes

### ACCESSORIES

<b>LTE</b> Entry function lever trim
<b>LTP</b> Passage function lever trim
<b>ELTE</b> Escutcheon lever trim designed with built in mortise cylinder



LTE

LTP

ELTE

**EX100014**  
Wing non functional pull

**EX100007**  
Double Door Strike



EX100014



EX100007



# EXIT DEVICES

## DOOR CONTROLS USA SIGNATURE ED SERIES

Door Controls USA Signature ED Crossbar-Style Panic Device is acceptable for narrow, medium or wide style door applications. The ED Exit Device is universally recognized as the standard for aluminum storefront exit device design. With the option of rim style and concealed vertical rod style, this device is a perfect solution when considering a reliable, maintenance-free means to satisfy life-safety requirements.

### STANDARD FEATURES

- UL Listed
- Constructed with high-grade aluminum
- Flat head dogging function available
- Concealed fasteners
- 45" crossbar that is able to be field cut
- Handed
- Built to accept standard rim cylinder for exterior key control
- Available in aluminum and bronze finishes



EDLH-AL

#### EDLH

Narrow style crossbar

## DOOR CONTROLS USA SIGNATURE CVR

Door Controls USA CVR is a highly recommended solution for single or double door opening requiring concealed vertical rods. The highly reliable device can be installed where a mullion is not present. The CVR can also carry capability to function as a less bottom rod unit, which is desired in health care buildings.

### STANDARD FEATURES

- UL Listed
- Constructed with high grade aluminum
- Flat head dogging function available
- Concealed fasteners
- 45" crossbar that is able to be field cut
- Non-handed, field reversible
- Independent top and bottom bolt action - 1/2" bolt throw
- Built to accept standard rim cylinder for exterior key control
- Available in aluminum and bronze finishes



CVR-DU

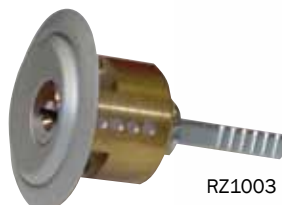
#### CVR-DU

Narrow style crossbar

### ACCESSORIES

#### RZ1003

Rim cylinder - 5 pin with 2 keys



RZ1003

# EXIT DEVICES

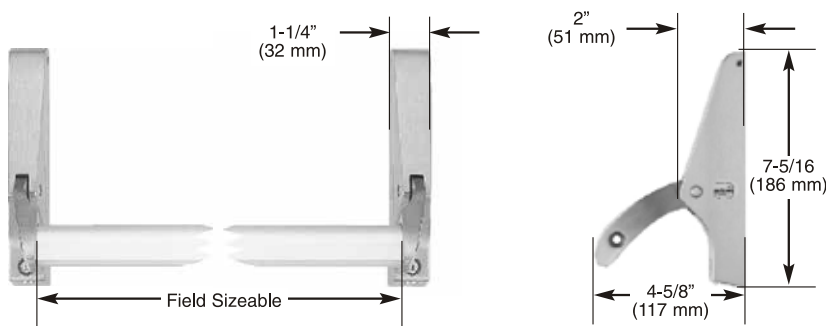
## JACKSON 10 SERIES

Jackson 10 Series Exit Device is universally recognized as the standard for aluminum storefront hardware. This crossbar device was designed with simplicity in mind, yet it will provide many years of smooth, reliable operation. Available in both a rim and concealed vertical rod version, this device is suitable for use with narrow, medium and wide style doors. The 10 Series Exit Device is the perfect solution when considering a reliable, maintenance-free means to satisfy life safety requirements.



1095 LHR-AL

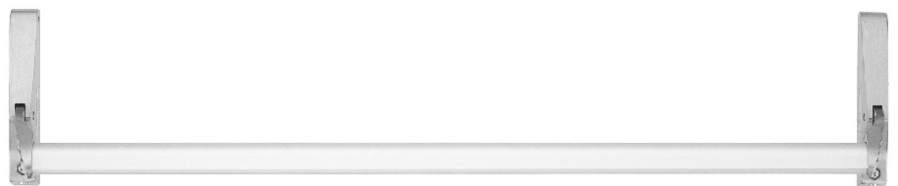
### TECHNICAL DRAWING



## 1085 CONCEALED VERTICAL ROD

### STANDARD FEATURES

- Non-handed
- Independent top and bottom bolt action - 1/2" bolt throw
- UL Listed for panic hardware
- Uses standard mortise cylinder with maximum security

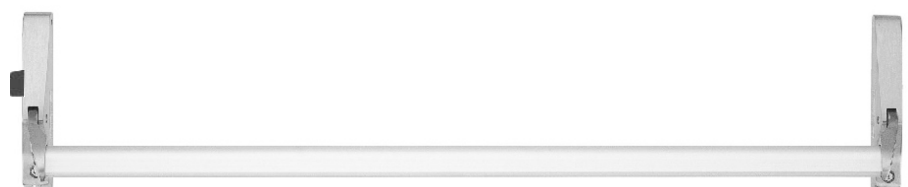


1085-AL

## 1095 RIM EXIT DEVICE

### STANDARD FEATURES

- Handed - not reversible
- Uses standard rim cylinder for keyed entry
- UL Listed for panic hardware



1095 LHR-AL



# EXIT DEVICES

## DETEX V40xEB

The V40xEB manufactured by Detex is built strong and durable for any exit door requiring an alarmed panic device. This cost effective unit provides a security option while meeting all life safety concerns. Built with a battery-operated alarm system, the V40xEB does not require any exterior power supply.

### STANDARD FEATURES

- UL Listed for panic hardware
- Meets ADA requirements
- Non-handed
- Field sizeable
- Available for narrow, medium, and wide style door applications
- 100 decibel alarm
- Standard 9-volt battery operates alarm
- Alarm / disarmed field selectable status indicator included
- 36" and 48" devices available
- Requires Mortise Cylinder (Not Included)



DETEX V40xEB

## DETEX EAX-500

The Detex EAX-500 Series is designed for applications requiring an alarmed exit device on secured doors. The alarm, with approximately 100dB, will sound when an unauthorized exit occurs. The EAX-500, with its redesigned shape and smaller size make it the ideal choice for quick and easy installations on emergency exit and restricted doors.

### STANDARD FEATURES

- UL Listed for Classified Miscellaneous Fire Door Accessory
- LED visual and audible arming indicators
- 100 decibel alarm
- Standard 9-volt battery operates Low Battery Alert
- Extended bypass (now a standard feature)
- Shown with Cylinder (cylinder sold separately)



DETEX EAX-500

Cylinder sold separately

## DETEX ECL-230

The Detex ECL-230 exit control device provides a cost effective and controlled security option for exit doors requiring monitoring. The ECL-230 unit not only reduces theft from inside out, but with 2000 lbs of resistant design, this unit will also help prevent break-ins from the outside in.

### STANDARD FEATURES

- UL Listed for panic hardware
- Meets ADA requirements
- Non-handed
- 100 decibel alarm
- Standard 9-volt battery operates alarm
- Extended bar also available
- Requires Mortise Cylinder (Not Included)



DETEX ECL-230

# SWEEPS

## DOOR CONTROLS USA DOOR SWEEP / THRESHOLD

### DOOR SWEEPS

#### STANDARD FEATURES

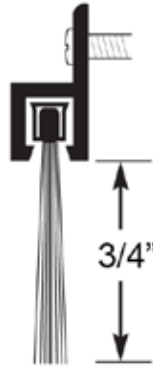
- Disguise gaps
- Keeps air in and debris out
- Single packaged with mounting hardware
- 1" brush and vinyl standard



YDS603

### NYLON BRUSH DOOR SWEEPS

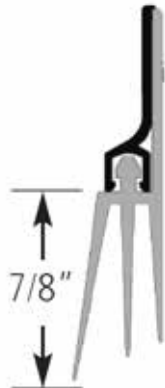
<b>YDS603CNB-36</b> 36" Aluminum 1" Brush Sweep
<b>YDS603DNB-36</b> 36" Dark Bronze 1" Brush Sweep
<b>YDS603CNB-48</b> 48" Aluminum 1" Brush Sweep
<b>YDS603DNB-48</b> 48" Dark Bronze 1" Brush Sweep



YDB102

### TRIPLE VINYL DOOR SWEEP

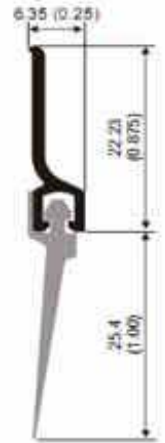
<b>YDB102CV-36</b> 36" Aluminum 1" Nylon Triple Blade Sweep
<b>YDB102DV-36</b> 36" Dark Bronze 1" Nylon Triple Blade Sweep
<b>YDB102CV-48</b> 48" Aluminum 1" Nylon Triple Blade Sweep
<b>YDB102DV-48</b> 48" Dark Bronze 1" Nylon Triple Blade Sweep



YDB103

### SINGLE VINYL DOOR SWEEP

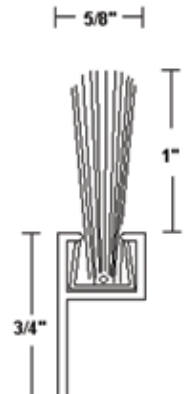
<b>YDB103CV-36</b> 36" Aluminum 1" Nylon Single Blade Sweep
<b>YDB103DV-36</b> 36" Dark Bronze 1" Nylon Single Blade Sweep
<b>YDB103CV-48</b> 48" Aluminum 1" Nylon Single Blade Sweep
<b>YDB103DV-48</b> 48" Dark Bronze 1" Nylon Single Blade Sweep



FS77

### DCM NYLON BRUSH DOOR SWEEP

<b>FS77-AL</b> 1" Aluminum Bug Guard Door Bottom Sweep
<b>FS77-BL</b> 1" Black Bug Guard Door Bottom Sweep



- Available in 4 foot and 8 foot pieces

# THRESHOLDS / PERIMETER SEAL KITS

## THRESHOLDS

### STANDARD FEATURES

- Manufactured with high grade aluminum
- Single packaged with mounting hardware
- 5 x 1/2"
- Available sizes 36, 48, 72
- Available in aluminum and dark bronze



YDT309

**YDT309AV**  
Aluminum

**YDT309DV**  
Dark Bronze



## PERIMETER SEAL KITS

### STANDARD FEATURES

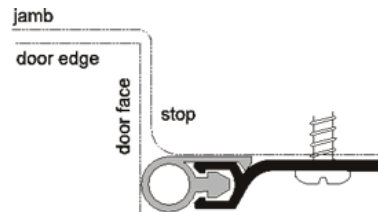
- Vinyl bulb seal
- Single packaged with mounting hardware
- Available in sizes 36" x 84" and 48" x 84"
- Available in aluminum and dark bronze



YDW204CV

**YDW204CV**  
Aluminum Perimeter Seal Kit

**YDW204DV**  
Dark Bronze Perimeter Seal Kit



## PAINT

### TOUCH-UP PAINT - DOOR & WINDOW FRAME PAINT

The Door Controls USA Touch-Up Paint is ideal for touching up bronze and aluminum door frames at the job site while assembled. Contains no CFCs (Chlorofluorocarbons) and quality steel can is both recyclable and has recycled content. This paint is perfect for touching up scratches in finishes. This is designed to correct or cover up coloring defects, scratches or bare metal ends.

PAINT CANS
<b>CLP</b> Clear Anodized Aluminum Paint
<b>DBP</b> Dark Bronze Paint
PAINT PENS
<b>CLP-P</b> Clear Aluminum Paint Pen
<b>DBP-P</b> Dark Bronze Paint Pen

CLP



DBP



CLP-P



DBP-P

# TRINE ELECTRIC STRIKES

## 4800 SERIES

4800 Series Trine Electric Strike is the most flexible electric strike for use with surface-mounted rim exit devices.

### STANDARD FEATURES

- BHMA Grade 1 Electric Strike. Heavy duty construction, 1,000,000+ life cycles
- 1,500+ Lbs of holding force
- Class A.3 hour fire-rated single door / frame configuration
- Fail safe / fail secure field selectable
- Fire rated rim panic strikes available
- Available in US3, US4, US10B, US32D finishes
- Part # 4850-US32D



4850-US32D

## 4100 SERIES

Trine's 4100 Series Electric Strike covers 90 percent + of cylindrical and mortise lock configurations (without deadbolt), plus faceplates can be kept and used to help accommodate for door sag.

### STANDARD FEATURES

- BHMA Grade 1 Electric Strike. Heavy duty construction, 1,000,000+ life cycles
- 3,250+ Lbs of holding force
- ANSI / BHMA A156.5 rated
- Class A.3 hour fire rated single door / frame configuration
- UL Listed - 1034 burglary resistant
- Low current draw .240 Amp at 12DC, 12 and 24DC or 12 through 24AC
- Available in US3, US4, US10B, US32D finishes
- Part # 4100-US32D



4100-US32D

# CROSS REFERENCE

## GRADE 1 CLOSERS/SURFACE MOUNTED CLOSERS

Spring Size Chart	Door Controls	International	Hager	Doromatic	CRL	Cal-Royal	Global	Sentinel	Corbin Russ.	Parker
Adjustable 1-4 ADA	5114	8050	5300 MLT 14	SC61	PR40	300BF	TC201ADA	5014	N/A	951
Adjustable 3-6	5136	8051	5300 MLT 26	SC60	PR42	300	TC201	5036	N/A	95
Set Size 3	5103	883/683	5300 MLT 03	SC63	DC53	703	TC203	5003	DC4603 X M100	953
Set Size 4	5104	884/684	5300 MLT 04	SC64	DC54	704	TC204	5004	DC4604 X M100	954
Set Size 5	5105	885/685	5300 MLT 05	SC65	DC55	705	TC205	5005	DC4605 X M100	955
Power Adjustable 1-6	8116	5000	5200 MLT 14/26	SC80	PR50/PR52	900	TC411/TC412	2551	DC3200	BF900
Power Adjustable 1-6	9116	9000	5200 MLT 14/26	SC80	PR50/PR52	900	TC511/TC512	9016	DC3200	900BC
Power Adjustable 1-6	4116	5100	MLT 14/26	SC70	PR90	CR4041	TC4300	4016	DC8200	N/A

# CROSS REFERENCE

## CONCEALED CLOSERS

Concealed Closers	Door Controls	Jackson	International	CRL	Global Door	Caliber
Extra light duty 105 hold open	DC3010	21-101M-14	200	CRL6870/CRL6970	TC7010	CA2210
Extra light duty 105 no hold open	DC3011	21-101M-13	201	CRL6972	TC7011	CA2211
Extra light duty 90 hold open	DC3012	21-101M-15	202	CRL6960/CRL6860	N/A	CA2212
Extra light duty 90 no hold open	DC3013	21-101M-16	203	CRL6962	N/A	CA2213
Light duty 105 hold open	DC3020	21-101M-06	220	CRL7070	TC7020	CA2220
Light duty 105 no hold open	DC3021	21-101M-05	221	CRL7072	TC7021	CA2221
Light duty 90 hold open	DC3022	21-101M-08	222	CRL7060	TC7022	CA2222
Light duty 90 no hold open	DC3023	21-101M-07	223	CRL7062	TC7023	CA2223
Medium duty 105 hold open	DC3030	21-101M-02	230	CRL7170	TC7030	CA2230
Medium duty 105 no hold open	DC3031	21-101M-01	231	CRL7172	TC7031	CA2231
Medium duty 90 hold open	DC3032	21-101M-04	232	CRL7160	TC7032	CA2232
Medium duty 90 no hold open	DC3033	21-101M-03	233	CRL7162	TC7033	CA2233
heavy duty 105 hold open	DC3040	21-101M-10	240	CRL7270	TC7040	CA2240
heavy duty 105 no hold open	DC3041	21-101M-09	241	CRL7272	TC7041	CA2241
Heavy duty 90 hold open	DC3042	21-101M-12	242	CRL7260	TC7042	CA2242
Heavy duty 90 no hold open	DC3043	21-101M-11	243	CRL7262	TC7043	CA2243

# CROSS REFERENCE

## OFFSET DOOR PIVOTS

Offset Pivot	Door Controls	Jackson	International	Global Door	CRL
OEM					
Vistawall	OP10	J-30 / J-31	OP-2800	TH1110	OP31
Amarilite	OP12	J-40	OP-6000	TH1112	OP40
Pittco	OP14KM	J-41	N/A	TH1114KM	N/A
US Aluminum	OP14G	J-34	OP-4000	TH1114G	OP34
Aldora	OP16	N/A	OP-5000	TH1116	N/A
Kawneer	OPKP	N/A	op-7000	TH1118-T & B	OP27 / OP28
YKK	OPYKK	N/A	N/A	N/A	N/A

# GLOSSARY

## GENERAL TERMS

BACKCHECK	An optional hydraulic feature that prevents the door from opening too fast and damaging the closer or anything else in its path. Back-check usually takes place about 15 degrees before the maximum degree of opening is reached.
CEMENT CASE	Plastic or cast iron case that is set into the finished floor. The closer is then fastened to the case, allowing the closer to be removed easily from the floor.
CENTER HUNG	Center hung closers locate the pivot in the center of the door opening and require a frame applied stop at 0 degrees in a single acting application.
COLD WEATHER FLUID	Special cold weather closer fluid used in extreme cold to prevent the closer from freezing.
CLOSER SIZE	A term used to describe the strength of a door closer. Generally, the greater the door width, the larger the closer size should be.
CLOSING/LATCH SPEED	The cycle of closing from initial degree to about 10 degrees from closing position. This cycle is controlled by a valve to speed up or slow down the closing of the door.
DEAD STOP	A positive stop built in the closer prevents the door from going beyond the desired degree of opening.
DEGREE OF OPENING	Maximum opening that a door is allowed to open. Floor closers openings range from 85 - 105 degrees in 5-degree increments.
DELAY ACTION	Delays closing at any point from fully opening, down to 70 degrees to allow for wheelchairs or carts. Note: In order for the delay feature to engage, the door must reach its maximum degree of opening.
DETERMINING DOOR HAND	Stand with your back to the hinge end of the door. Hand of door will be determined by which of your hands the door swings to.
DOUBLE ACTING	Double acting doors swing in both directions. Double acting closers are self-centering and center hung.
DROP PLATES	Necessary when narrow top rails or narrow frame face prevent standard closer mounting.
EXTENDED SPINDLE	Certain floor conditions may require the spindle of the closer to be longer than standard. Spindles may be increased in size by 1/2" increments up to 2" max.
FIRE RATED CLOSERS	Closer that is made of approved fire-rated materials.
FLOOR CLOSER	A door closer that is mounted in the floor. A floor closer not only closes the door but also hangs it. Standard floor closers come complete with a top pivot. Side jamb pivots need to be ordered separately.
HAND	A term used to indicate the direction a door swings.
HANDICAP CODE	Also referred to as barrier code or accessible code. A term used to describe a standard that is intended for use in making buildings and facilities accessible to the physically challenged.



# GLOSSARY

## GENERAL TERMS

HEAVY DUTY	Heavy duty floor closers are designed for use on heavy doors or doors subject to heavy use/abuse.
HOLD OPEN	An optional mechanical feature that is incorporated into the door closer arm assembly. Hold open arms cannot be used on "UL" or fire rated door assemblies.
LEAD LINED	L series closers have an arm and top pivot with a special screw pattern to span the lead lining on a door with lead mounted in the middle. If lead is mounted elsewhere in a door, consult with us before ordering. Lead lined closers can handle extremely heavy door loads.
MULTI-SIZED	Door closers with adjustable spring power, to permit the adjustment of closing power to meet the needs of most doors. They are available with normal power range adjustments or with barrier code and power range adjustments (Sizes 1-4 and 3-6).
NON-HANDED	Door closers which are non-handed permit installation on doors of either hand without modification to the door closer.
OFFSET HUNG	Offset closers locate the pivot point from the heel edge of the door and from the face of the door. 1-1/2" offset closers locate the pivot point from the heel edge of the door and 1-1/2" from the face of the door.
PARALLEL RIGID ARM	An exceptionally sturdy arm assembly for parallel arm application only.
REVEAL	The distance measured from the surface of the frame face to the surface of the door.
SEALED CLOSER	Closer sealed in cement case preventing debris from getting in between the closer body and cement case.
SINGLE ACTING	Doors that swing in one direction. All offset hung closers are single acting. Center hung closers may be single acting as well.
SLIDE TRACK	For installations where an aesthetic appearance is desirable. There is no arm or bracket projecting from the face of the door.
SPRING POWER ADJUSTMENT	On sized closers, power can be increased by 50% over the minimum closer force for each closer size.
SWEEP SPEED	A standard hydraulic feature that permits adjustment of the doors' closing speed from the fully open position down to approximately 10 degrees from the closed position. Also referred to as closing speed.
THRU-BOLTS (SEX NUT & BOLTS)	Bolts commonly used to secure door closer to "UL" rated wood fire doors.
TRI-PACK	A term used to describe the packaging of most closers for installation, regular arm, top jamb and parallel arm mountings.

# MANUAL DOOR PROJECT EVALUATION

# SINGLE

# Door Control Services, Inc.



PROJECT: \_\_\_\_\_ DATE: \_\_\_\_\_

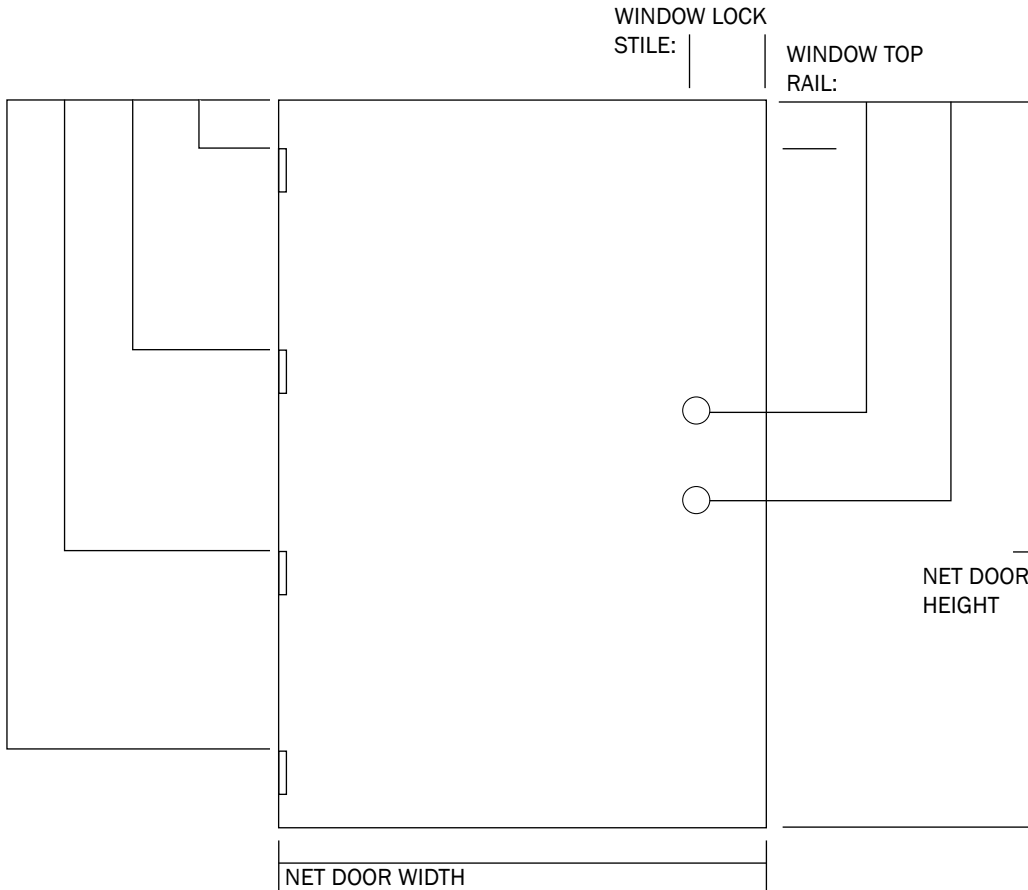
ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_

CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

888-833-7857 PHONE  
877-888-5220 FAX

DCS# \_\_\_\_\_ CUST DOOR# \_\_\_\_\_ LOCATION: \_\_\_\_\_



\*IF MORTISE LOCK IS USED, MEASURE FROM TOP OF DOOR TO TOP OF 8" MORT POCKET / FACEPLATE

\*MORT LOCK LOCATION: \_\_\_\_\_

VISIBLE GLASS: \_\_\_\_\_

GLASS TYPE: \_\_\_\_\_

FRAME OPENING: \_\_\_\_\_ X \_\_\_\_\_

**HARDWARE:**

NEW:	REUSE:	
<input type="checkbox"/>	<input type="checkbox"/>	LOCK / EXIT
<input type="checkbox"/>	<input type="checkbox"/>	HINGES
<input type="checkbox"/>	<input type="checkbox"/>	DOOR CLOSER
		OTHER

DOOR MATERIAL:  WOOD  P-LAM  HOLLOW METAL NET DOOR SIZE: \_\_\_\_\_ DOOR THICKNESS: \_\_\_\_\_

FIRE LABEL:  NO RATING  20 MIN  45 MIN  60 MIN  90 MIN  3 HOUR  TEMP RISE HANDING: \_\_\_\_\_

HINGE INFO: \_\_\_\_\_ CLOSER: \_\_\_\_\_

LOCK INFO: \_\_\_\_\_

NOTES: \_\_\_\_\_

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# MANUAL DOOR PROJECT EVALUATION

# PAIR

**Door Control Services, Inc.**



PROJECT: \_\_\_\_\_ DATE: \_\_\_\_\_

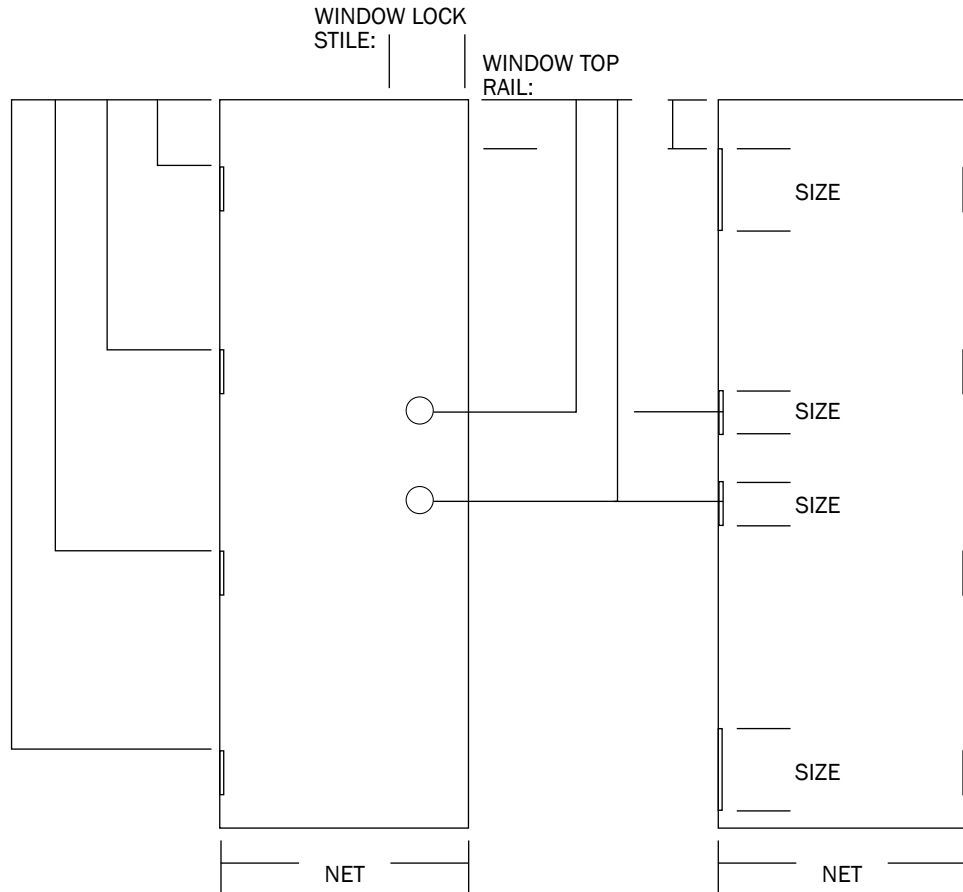
ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_

CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

888-833-7857 PHONE  
877-888-5220 FAX

DCS# \_\_\_\_\_ CUST DOOR# \_\_\_\_\_ LOCATION: \_\_\_\_\_



\*IF MORTISE LOCK IS USED, MEASURE FROM TOP OF DOOR TO TOP OF 8" MORT POCKET / FACEPLATE

\*MORT LOCK LOCATION: \_\_\_\_\_

VISIBLE GLASS: \_\_\_\_\_

GLASS TYPE: \_\_\_\_\_

FRAME OPENING: \_\_\_\_\_ X \_\_\_\_\_

**HARDWARE:**

NEW:	REUSE:	
<input type="checkbox"/>	<input type="checkbox"/>	LOCK / EXIT
<input type="checkbox"/>	<input type="checkbox"/>	HINGES
<input type="checkbox"/>	<input type="checkbox"/>	DOOR CLOSER
		OTHER _____

DOOR MATERIAL:  WOOD  P-LAM  HOLLOW METAL NET DOOR SIZE: \_\_\_\_\_ DOOR THICKNESS: \_\_\_\_\_

FIRE LABEL:  NO RATING  20 MIN  45 MIN  60 MIN  90 MIN  3 HOUR HANDING: \_\_\_\_\_

HINGE INFO: \_\_\_\_\_ CLOSER: \_\_\_\_\_

LOCK INFO: \_\_\_\_\_

NOTES: \_\_\_\_\_

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# SINGLE FRAME EVALUATION

Door Control Services, Inc.



888-833-7857 PHONE  
877-888-5220 FAX

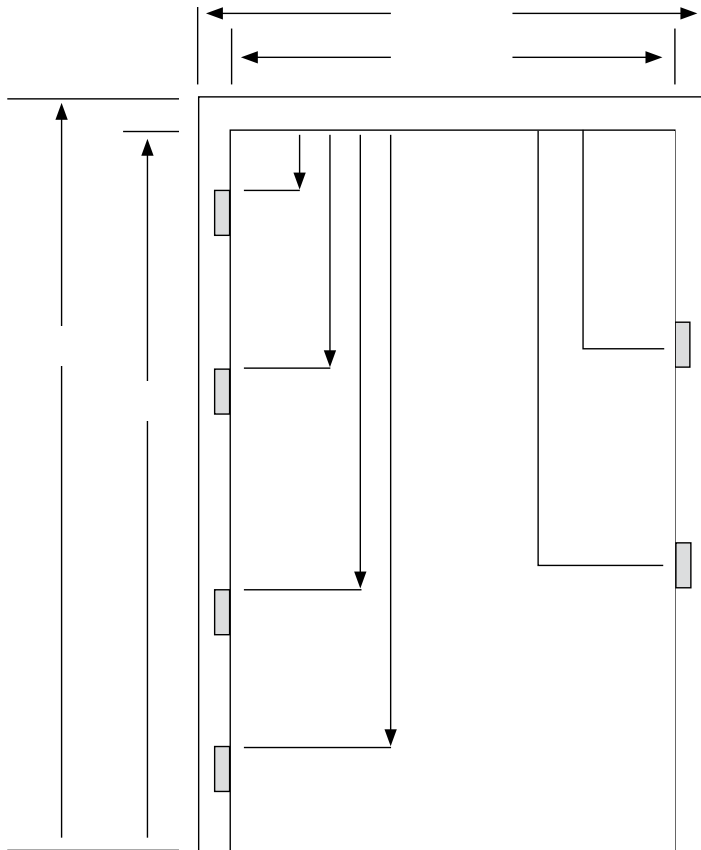
PROJECT: \_\_\_\_\_ DATE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_

CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

DCS# \_\_\_\_\_ CUST DOOR# \_\_\_\_\_ LOCATION: \_\_\_\_\_



JAMB DEPTH: \_\_\_\_\_

THROAT: \_\_\_\_\_

JAMB  
FACE WIDTH: \_\_\_\_\_

WALL CONSTRUCTION:  
\_\_\_\_\_

ANCHOR TYPE:  
\_\_\_\_\_

WELDED OR K.D.  
\_\_\_\_\_

HINGE INFO: \_\_\_\_\_ STRIKE INFO: \_\_\_\_\_

FIRE LABEL:  NO RATING  20 MIN  45 MIN  60 MIN  90 MIN  3 HOUR HANDING: \_\_\_\_\_

NOTES:  
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# DOUBLE FRAME EVALUATION

Door Control Services, Inc.



PROJECT: \_\_\_\_\_ DATE: \_\_\_\_\_

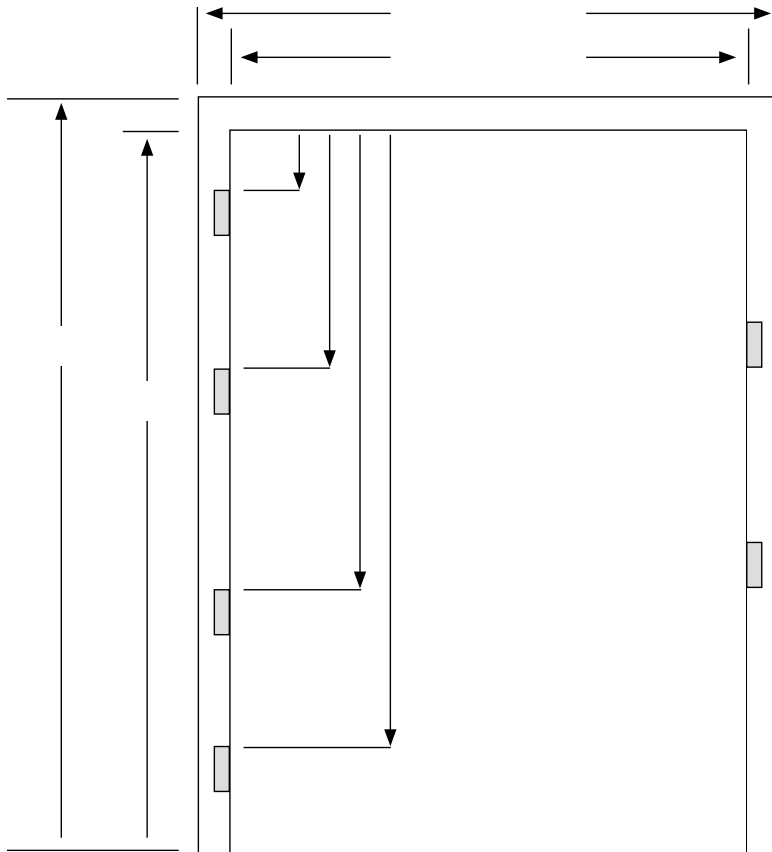
ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_

888-833-7857 PHONE  
877-888-5220 FAX

CONTACT: \_\_\_\_\_ PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

DCS# \_\_\_\_\_ CUST DOOR# \_\_\_\_\_ LOCATION: \_\_\_\_\_



JAMB DEPTH: \_\_\_\_\_

THROAT: \_\_\_\_\_

JAMB  
FACE WIDTH: \_\_\_\_\_

WALL CONSTRUCTION:  
\_\_\_\_\_

ANCHOR TYPE:  
\_\_\_\_\_

WELDED OR K.D.  
\_\_\_\_\_

HINGE INFO: \_\_\_\_\_ STRIKE INFO: \_\_\_\_\_

FIRE LABEL:  NO RATING  20 MIN  45 MIN  60 MIN  90 MIN  3 HOUR HANDING: \_\_\_\_\_

NOTES:  
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# FIRE DOOR PROFESSIONAL SERVICES

Door Control Services, Inc. offers a variety of professional services to help ensure your door assemblies meet the stringent building code requirements mandated by regulatory bodies such as: CMS, The Joint Commission, Local Fire Marshals or AHJ's, etc.

Our services include:

- Fire door inspection program (FDIP) swinging type and horizontal/vertical sliding and rolling doors
- Field evaluation and labeling
- Code consultation services

## Fire Door Inspection Program (FDIP)

The Fire Door Inspection Program (FDIP) is designed to assist you in your legal obligation to properly maintain the swinging type and horizontal/vertical sliding and rolling fire doors in your facility. This program meets the annual inspection requirements as defined by NFPA 80, and is performed by inspectors certified by the IFDIA (International Fire Door Inspector Association).



### 5-Part Inspection Process

1. Pre-inspection coordination meeting
2. Comprehensive inspection of each opening
  - a. Visual
  - b. Functional
  - c. Component compliance
3. Fire door inspection report
4. Follow up consultation
5. Annual re-inspection for continued code compliance

### Benefits

- Inspection of swinging type fire doors to meet NFPA 80 requirements
- Helps facilities prepare their fire door assemblies for local code compliance as well as The Joint Commission inspection
- Inspection of smoke door assemblies to meet NFPA 105 regulations
- Visual identification of openings with a label
- Priority scheduling and discounted rates

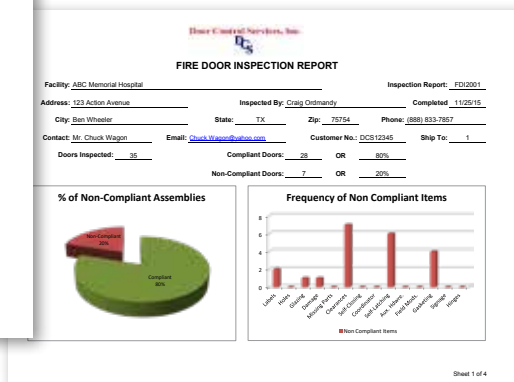


**Door Control Services, Inc.**  
**FIRE DOOR INSPECTION REPORT**

Facility: 2801 Memorial Hospital Inspection Report: FDI0001  
 Address: 123 Action Avenue Inspected By: Craig Oldmancy Completed: 11/25/15  
 City: San Wheeler State: TX Zip: 75754 Phone: (888) 833-7857  
 Contact: Mr. Chuck Wagon Email: Chuck.Wagon@doorcontrol.com Customer No.: DCS12345 Ship To: 1

DCS Door Number	Customer Door Number	Date Inspected	Compliance	Door Fire Rating	Door Location	Comments
DCS001-182	1	11/25/15	Pass	1-1/2 HR	Basement Stairwell 4	
DCS001-181	2	11/25/15	Fail	3-4 HR	Basement E/V Supply	Severe Chatter, No Positive Latching
DCS001-183	3	11/25/15	Pass	3-4 HR	Basement HSPGO	
DCS001-184	4	11/25/15	Pass	3-4 HR	Basement Kitchen	
DCS186-013	5	11/25/15	Pass	1 hr	Basement near Mech Shaft	
DCS186-014	6	11/25/15	Pass	1 hr	Basement near Mech Shaft	
DCS001-185	7	11/25/15	Fail	3-4 HR	Basement near Kitchen	Severe Chatter, No Positive Latching, Missing Caskeying
DCS001-186	8	11/25/15	Pass	3-4 HR	Basement North of Kitchen	
DCS001-184	9	11/25/15	Pass	3-4 HR	Basement South of Elevator Lobby	
DCS001-184	10	11/25/15	Pass	3-4 HR	Basement Vending	
DCS001-187	11	11/25/15	Fail	No Label	Basement Dring	No Label on door, No label on door, No label on door, No label on door
DCS001-188	12	11/25/15	Pass	1-1/2 hr	Temp Room	Basement Stairwell 1
DCS001-189	13	11/25/15	Pass	1-1/2 hr	Temp Room	Basement Stairwell 2

Sheet 2 of 4





## Field Evaluation and Labeling

In the event your frames, doors and/or components are missing the required fire rated labels, Door Control Services can help with the certification and relabeling of swinging type and vertical/horizontal sliding and rolling doors in the field. Door Control Services will be there through the entire certification and labeling process to help bring your frames, doors and components back into compliance.



## Code Consulting Services

Oftentimes, difficult questions arise regarding code interpretation, whether it is related to the IBC (International Building Code), IFC (International Fire Code), NFPA 80 or NFPA 101 Life Safety Code. The Professional Services Team stands ready to serve as your resource to help bring clarity to these difficult questions.



## Industry Memberships



 **Door Control Services, Inc.**

321 VZ County Road 4500, Ben Wheeler, Texas 75754

**888-833-7857 • FAX 877-888-5200**

Services @DoorControlServices.com  
www.DoorControlServices.com