

VON DUPRIN®

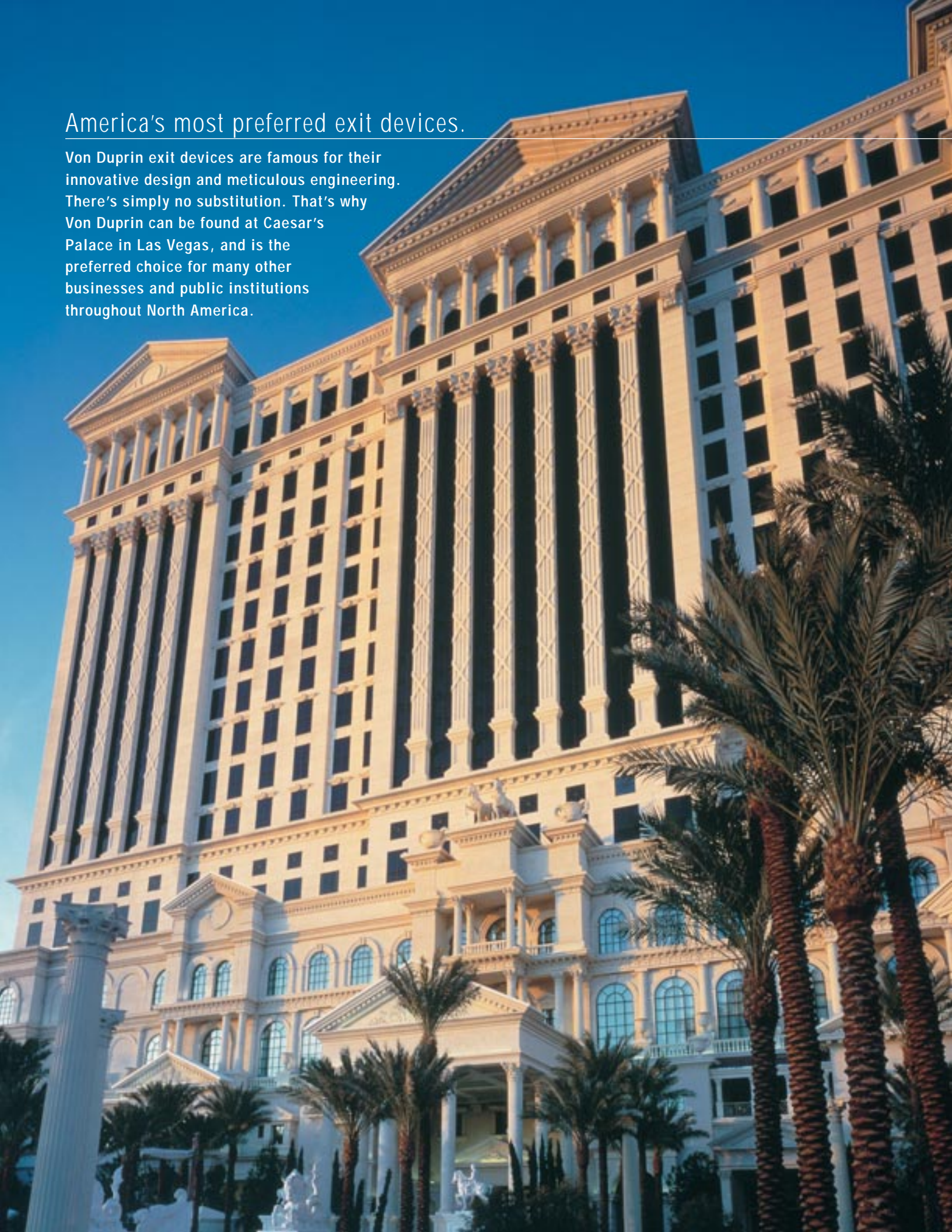
INPACT™ 94 AND 95 Series Exit Device



 **Security & Safety**
Proven Source. Proven Solutions.™

America's most preferred exit devices.

Von Duprin exit devices are famous for their innovative design and meticulous engineering. There's simply no substitution. That's why Von Duprin can be found at Caesar's Palace in Las Vegas, and is the preferred choice for many other businesses and public institutions throughout North America.



*COOPERS ELEMENTARY SCHOOL,
ELM CITY, NC*



THE UNQUESTIONED LEADER IN INNOVATION, DESIGN AND DURABILITY.

Von Duprin invented the exit device in 1908. Since that time, there have been many imitators, but no other true innovator. The unique, streamlined Von Duprin INPACT recessed exit device is a perfect example of how creative thinking and great engineering can turn a safety necessity into a stylishly understated fixture.

INPACT is fully integrated within a door and combines a clean, tasteful appearance with Von Duprin's unrivaled standards of durability and performance. The design is compatible with hollow metal doors, including doors manufactured by Steelcraft®, part of the IR Security & Safety product line.

GRACE UNDER PRESSURE.

Available in a variety of finishes, INPACT is UL® approved to meet the strictest building codes. The fact is, UL® testing sets an important standard for the industry. But at Von Duprin, our testing goes well beyond industry standards to make absolutely sure our exit devices will survive in the real world. For this reason, INPACT will withstand repeated abuse and continue to perform, even in the most demanding environments. You can be totally confident that every Von Duprin product you specify or install will exceed your expectations for reliable operation and long-lasting durability.



*NASH HEALTH
CARE SYSTEMS,
NASH GENERAL
HOSPITAL,
ROCKY MOUNT, NC
Nash General Hospital
is among a small
percentage of hospitals
nationally to receive the
honor of Accreditation
with Distinction.*



THE FULL LINE OF INPACT RECESSED EXIT DEVICES FOR SINGLE AND DOUBLE DOOR APPLICATIONS.



INPACT's low profile design makes it the perfect application for healthcare facilities, schools, corporate campuses, theaters, hotels, stadiums and art museums.

The clean, versatile design blends with an infinite variety of decors. With its wide pushpad, operation is easy for everyone, including people with disabilities. Recessed in the door, INPACT maintains a low-profile which makes it ideal for corridor doors. Minimal projection provides more room for people and equipment to pass. And, when an object such as a cart or dolly collides with the device, the sloped endcaps deflect the object away from the door, protecting the device and the door.



*Photograph of INPACT
devices on Steelcraft
Graintech™ steel doors.*

All INPACT exit devices are as durable as they are beautiful. The heavy-duty construction, simple mechanical design and Von Duprin's legendary commitment to quality combine to ensure a long, trouble-free service life.

DESIGN

The streamlined, extruded aluminum pushpad is uniquely designed to exhibit grace under pressure. Built to absorb shock, it takes the wear and tear of even the most demanding high-traffic areas. The sloped, die-cast metal endcaps provide added support, protecting the device and the door against the heaviest impact. The nonhanded configuration simplifies installation and gives superior flexibility in the field.

CONSTRUCTION

Beneath the beautiful architectural design includes a number of durable mechanical components and characteristics. Compression springs are used throughout, and all internal components are coated with zinc dichromate to prevent corrosion. Latchbolts have a self-lubricating coating to reduce friction and wear. Concealed studs and through-bolts, from the inside, fasten the heavy-duty outside trim. Factory steel door prep makes installation simple and fast. Not available on wood doors.

DURABILITY & RELIABLE OPERATION

Devices are tested in accordance to ANSI/BHMA A156.3 Grade 1 by a BHMA certified testing laboratory. INPACT has exceeded one million cycles.

Factory steel door preparation makes installation simple and fast. Photograph of Graintech™ steel door by Steelcraft.



VON DUPRIN® *INPACT™* Appearance and Trim Options

PUSHPAD DESIGN OPTIONS



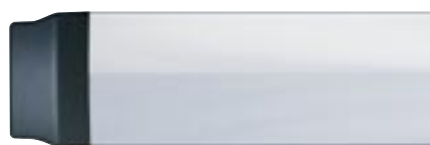
94 Series - Smooth Pushpad



95 Series - Grooved Pushpad



US3 *Brass, Polished*



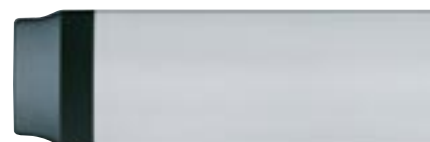
US26 *Chrome, Polished*



US28 *Aluminum, Anodized*



US4 *Brass, Satin*



US26D *Chrome, Satin*



313 *Duranodic Dark Bronze*



US10 *Bronze, Satin*

Von Duprin INPACT devices are available in seven attractive finishes to complement any job, as well as the option of a sleek, smooth pushpad and a unique, grooved pushpad. The durable die-cast aluminum endcaps are available in standard black and matching or contrasting powder coated finishes.

STANDARD TRIM

L



Lever LP373L*
 Forged brass 1-3/8" (35mm) depth
 escutcheon. #06 lever is standard.
 Optional lever designs are available.

* Blank escutcheon "BE" available.
 Example: LP373L-BE.

OPTIONAL TRIMS

DT



Dummy Pull 550DT
 Heavy aluminum forged
 brackets with 10" (254mm) stainless
 steel pullbar.

TL



Thumbturn 376T
 Forged brass 7/8" (22mm)
 escutcheon. It is often used with a
 550DT pull trim.

Only available with concealed rod devices.

L x LP230L



Lever LP230L
 Cast aluminum 3/4" (19mm) depth
 escutcheon. #06 lever is standard.
 #03 lever is optional.

STANDARD LEVER

#06 (Standard)



OPTIONAL LEVERS

#03



#07



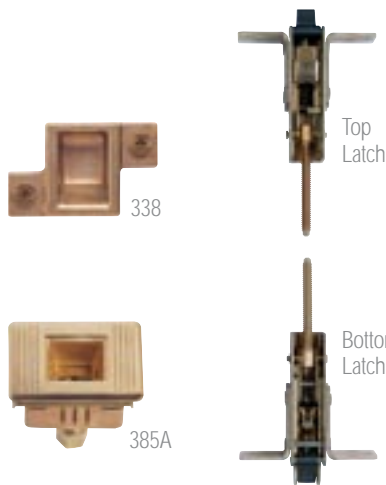
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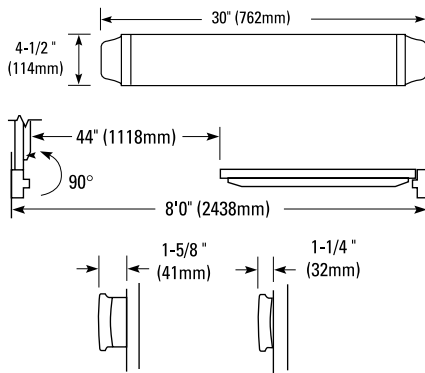
#17



Handed Lever



DIMENSIONS:



Clear Width - meets 44" clear width requirements on corridor doors serving areas occupied or used by bed patients. Application uses a 2" (51mm) face frame and 1-11/16" (43mm) swing clear hinges.

| STANDARD TRIM | NUMBER |
|-----------------|----------------|
| Lever | LP373L* |
| OPTIONAL TRIMS | |
| Dummy Pull | 550DT |
| Thumbturn | 376T |
| Lever | LP230L |
| STANDARD LEVER | |
| | 06 |
| OPTIONAL LEVERS | |
| | 03, 07, 12, 17 |

*Blank Escutcheon "BE" available. Example: LP373L-BE

DEVICE OPTIONS

| | |
|---------------------------|--------|
| Electric latch retraction | pg. 13 |
| Latchbolt monitoring | pg. 13 |
| Less bottom rod | pg. 13 |

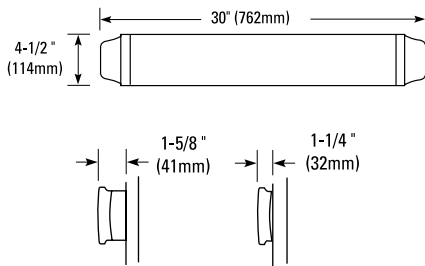
FIRE-RATED AND PANIC CONCEALED VERTICAL ROD DEVICES

| | |
|---|--|
| Models | 9447 and 9547 |
| Fire-Rated Models | 9447-F and 9547-F |
| Device Handling | Non-handed |
| Functions | See Trim Selection Chart on page 12 |
| Finishes | See Finishes Chart on page 14 |
| Styles | Smooth 94 Series and Grooved 95 Series |
| Pushpad | Extruded anodized aluminum |
| Endcaps | Die-cast aluminum, sloped design |
| Strikes | Standard 338 and 385A provided. |
| Latchbolt | 5/8" (16mm) throw. Top and bottom latching are standard. (Optional LBR is available, with no need for floor strike.) |
| Deadlocking Latchbolt | Standard |
| Dogging Feature | Hex key dogging |
| Door Sizes | 2'10" (864mm) to 4'0" (1219mm) width 10'0" (3048mm) maximum height 1-3/4" (44mm) thickness |
| Device Height | 4-1/2" (114mm) |
| Device Length | 30" (762mm) |
| Device Center Line to Finished Floor | 39-5/8" (1006mm) |
| Projection | 1-5/8" (41mm) neutral 1-1/4" (32mm) depressed |
| Fasteners | Included for surface mounting to recessed door prep and through bolting to trim. |
| ANSI Grade | Certified to ANSI/BHMA A156.3 Grade 1. Tested at one million cycles. |
| Concealed Vertical Rods | Two-piece adjustable rods, door 6'8" (2032mm) to 8'4" (2540mm). Can be adjusted by removing the latchside endcap. |
| Optional Extension Rod | Adjustable for doors 8'4" (2540mm) to 10'0" (3048mm). |

575



DIMENSIONS:



| STANDARD TRIM | NUMBER |
|-----------------|----------------|
| Lever | LP373L* |
| OPTIONAL TRIMS | |
| Dummy Pull | 550DT |
| Lever | LP230L |
| STANDARD LEVER | |
| | 06 |
| OPTIONAL LEVERS | |
| | 03, 07, 12, 17 |

*Blank Escutcheon "BE" available. Example: LP373L-BE

DEVICE OPTIONS

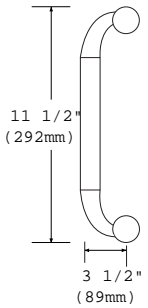
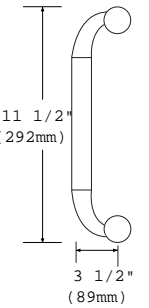
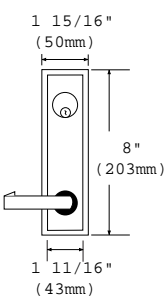
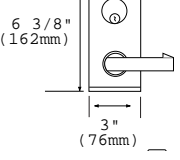
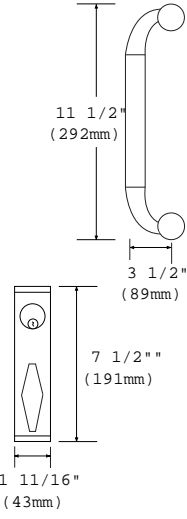
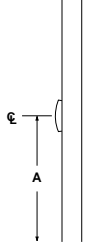
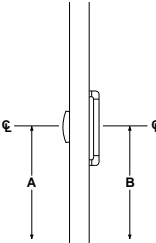
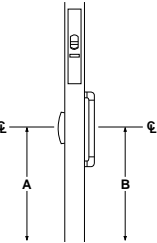
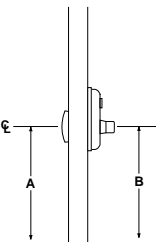
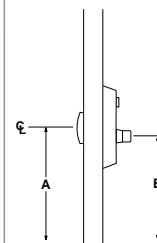
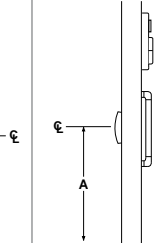
| | |
|---------------------------|--------|
| Electric latch retraction | pg. 13 |
| Request to exit | pg. 13 |
| Latchbolt monitoring | pg. 13 |

FIRE-RATED AND PANIC MORTISE LOCK DEVICES

| | |
|---|--|
| Models | 9475 and 9575 |
| Fire-Rated Models | 9475-F and 9575-F |
| Device Handing | Non-handed |
| Functions | See Trim Selection Chart on page 12 |
| Finishes | See Finishes Chart on page 14 |
| Styles | Smooth 94 Series and Grooved 95 Series |
| Pushpad | Extruded anodized aluminum |
| Endcaps | Die-cast aluminum, sloped design |
| Strike | Standard 575 |
| Latchbolt | 3/4" anti-friction, field reversible |
| Deadlocking Latchbolt | Standard |
| Mortise Lock Center Line to Finished Floor | 48-1/8" (1222mm) |
| Dogging Feature | Hex key dogging |
| Door Sizes | 2'10" (864mm) to 4'0" (1219mm) width 10'0" (3048mm) maximum height 1-3/4" (44mm) thickness |
| Device Height | 4-1/2" (114mm) |
| Device Length | 30" (762mm) |
| Device Center Line to Finished Floor | 39-5/8" (1006mm) |
| Projection | 1-5/8" (41mm) neutral 1-1/4" (32mm) depressed |
| Fasteners | Included for surface mounting to recessed door prep and through bolting to trim. |
| ANSI Grade | Certified to ANSI/BHMA A156.3 Grade 1. Tested at one million cycles. |

VON DUPRIN® *INPACT™* Trim Selection

94/95 TRIM SELECTION

| Function | | 01 Exit Only | 02 Pull When Dogged | 03 Key Retracts Latchbolt | 08 Key Locks Lever | 08 Key Locks Lever | 11 Key Locks Thumbturn |
|---|----------------|--|--|---|--|---|---|
| Trim Number and Dimensions | | | 550DT  | 550DT x Cylinder  | LP373L  | LP230L  | 550DTx376T  |
| Device/Trim Center Line To Finished Floor | |  |  |  |  |  |  |
| Projection | | | 2-5/8" | 2-5/8" | 3-1/8" | 2-5/8" | 1-13/16" / 2-5/8" |
| Concealed Vertical Rod | Panic | 9447EO 9547EO | 9447DT 9547DT | — — | 9447L 9547L | 9447L 9547L | 9447TL 9547TL |
| | Fire | 9447EO-F 9547EO-F | — — | — — | 9447L-F 9547L-F | 9447L-F 9547L-F | 9447TL-F 9547TL-F |
| | Ctr. Line | 39-5/8" | A 39-5/8" B 39-5/8" | — — | A 39-5/8" B 39-5/8" | A 39-5/8" B 38-5/8" | A 39-5/8" B 53-1/2" |
| Mortise Lock | Panic | 9475EO 9575EO | 9475DT 9575DT | 9475NL 9575NL | 9475L 9575L | 9475L 9575L | — — |
| | Fire | 9475EO-F 9575EO-F | — — | 9475NL-F 9575NL-F | 9475L-F 9575L-F | 9475L-F 9575L-F | — — |
| | Ctr. Line | 39-5/8" | A 39-5/8" B 39-5/8" | A 39-5/8" B 39-5/8" | A 39-5/8" B 39-5/8" | A 39-5/8" B 38-5/8" | — — |
| Cylinder Type Required | Vert. Rod Dev. | — | — | — | Mortise* | Mortise* | Mortise* |
| | Mortise Dev. | — | — | Mortise* | Mortise* | Mortise* | — |

*See page 13 for cylinder information.

Electric Latch Retraction

The EL feature allows for the remote latch retraction of exit devices. A control station operator can flip a switch to retract the latchbolt and immediately change an exit door to push/pull operation. A powerful, continuous-duty solenoid retracts the latchbolt either for momentary unlocking or for extended periods of time. The EL feature is an alternative to manual dogging. EL devices are also useful with automatic door operators, and may be applied to fire-rated devices when under the control of an **automatic fire alarm system**. UL approved for Class II circuit applications. This feature does not include the power transfer from door to frame, nor the power supply or control operator.

Solenoid Specifications: Continuous-Duty 24 VDC. Current Inrush 16 Amps. Current Holding (450 milliamps) 0.5 Amps. To Order: Specify prefix EL.

Latchbolt Monitoring

The latchbolt monitor or (LX) feature gives an electronic signal when someone enters an opening from the trim side of the door. The device can then be connected to a security console or may be used as a single door alarm when used with a horn and power supply. The (LX) switch is located inside the device's pushpad on a concealed vertical rod device. For a mortise device, the switch is located inside the mortise lock.

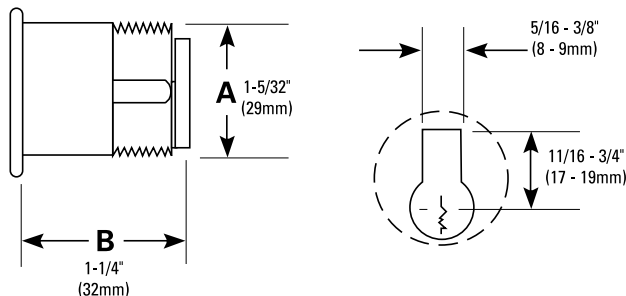
Electrical Ratings: 0.5 Amp., 24 VDC. To Order: Specify prefix LX.

INPACT Accessories

Cylinders are not furnished with device or trim and must be specified when ordering. Mortise lock exit devices and the LP373L, 376T and LP230L use mortise-type cylinders.



Mortise - 3215 (Schlage B502-191 cam)



Less Bottom Rod

The Less Bottom Rod (LBR) option is available for concealed vertical rod devices. In lieu of a bottom rod and latch, a spring-loaded auxiliary bolt is installed in the lower door edge. When exposed to heat, during a fire, the auxiliary latch releases, keeping the doors in alignment and closed. UL listed for 3 hours on double egress doors and for 90 minutes on doors swinging in the same direction. The LBR option is not recommended for exterior door openings or where security is critical.

Request to Exit

The pushpad monitor or (RX) feature gives an electronic signal when someone exits an opening from the device side of the door. The device can then be connected to a security console or may be used as a single door alarm when used with a horn and power supply. The (RX) feature is available only on mortise devices using the (NL) function. The (RX) switch is located inside the mortise device's pushpad.

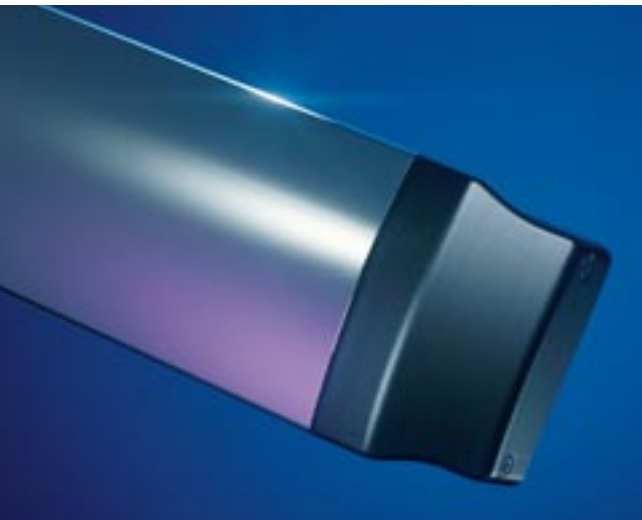
Electrical Ratings: 0.5 Amp., 24 VDC. To Order: Specify prefix RX.

VON DUPRIN® *INPACT™* Specifications

UL LISTED—FIRE EXIT HARDWARE LABEL/OPENING SIZE

| Exit Device | Single Door | Double Doors | |
|-------------|-------------|----------------|---------------|
| | | Same Direction | Double Egress |
| 9475-F | 3 Hour | — | — |
| 9575-F | 4' x 10' | — | — |
| 9447-F | — | 90 Minute | 3 Hour |
| 9547-F | — | 8' x 10' | 8' x 10' |
| 9447LBR-F | — | 90 Minute | 3 Hour |
| 9547LBR-F | — | 8' x 10' | 8' x 10' |

Consult your door manufacturer for maximum listed door height.



| FINISHES | US NUMBER | BHMA NUMBER |
|-----------------------|-----------|-------------|
| Brass, Polished | US3 | 605 |
| Brass, Satin | US4 | 606 |
| Bronze, Satin | US10 | 612 |
| Chrome, Polished | US26 | 625 |
| Chrome, Satin | US26D | 626 |
| Aluminum, Anodized | US28 | 628 |
| Duranodic Dark Bronze | 313 | 710 |

NOMENCLATURE

| | | EL | 94 | 47 | L | BE | F | LBR | US3 | RHR |
|---------------|---|----|----|----|---|----|---|-----|-----|-----|
| EL | Electric Latch Retraction | | | | | | | | | |
| LX | Latchbolt Monitoring | | | | | | | | | |
| RX | Request to Exit Switch | | | | | | | | | |
| 94 | Series 94 | | | | | | | | | |
| 95 | Series 95 | | | | | | | | | |
| 47 | Concealed Vertical Rod (up to 10'0") | | | | | | | | | |
| 75 | Mortise Lock Device | | | | | | | | | |
| DT | Dummy Trim | | | | | | | | | |
| EO | Exit Only | | | | | | | | | |
| L | Lever Trim | | | | | | | | | |
| TL | Thumbturn | | | | | | | | | |
| BE | Blank Escutcheon | | | | | | | | | |
| None | Panic Exit Hardware | | | | | | | | | |
| F | Fire Exit Hardware | | | | | | | | | |
| None | Top and Bottom Rod | | | | | | | | | |
| LBR | Less Bottom Rod | | | | | | | | | |
| Finish | See Finish Chart | | | | | | | | | |
| Lever Handing | Specify Right-Hand – RHR or Left-Hand – LHR | | | | | | | | | |

How-To-Order Information



SINGLE DOOR: 9475 AND 9575

1. Specify model and trim selection.
Examples: 9475L-F (Fire exit device, mortise lock, smooth pushpad, lever trim)
9575DT (Panic device, mortise lock, grooved pushpad, dummy trim)
2. Specify finish (see Finishes Chart).
3. Handing required on lever trims. Specify RHR or LHR.
4. Options as desired.
Example: EL prefix (Electric Latch Retraction) EL9475L-F x US26D x RHR

DOUBLE DOOR: 9447 AND 9547

1. Specify model and trim selection.
Examples: 9447L-F (Fire exit device, concealed rod, smooth pushpad, lever trim)
9547DT (Panic device, concealed rod, grooved pushpad, dummy trim)
2. Specify finish (see Finishes Chart).
3. Handing required on lever trims. Specify RHR or LHR.
4. Options as desired.
Examples: LBR suffix (Less Bottom Rod) 9447-F-LBR x US3 x RHR
EL prefix (Electric Latch Retraction) EL9547L-F x US26D x RHR

INPACT™ 94 AND 95 Series Exit Devices



Visit Von Duprin on the web
www.vonduprin.com



VON DUPRIN

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