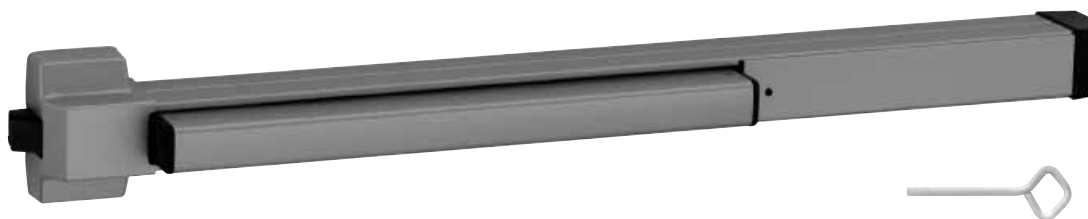


VON DUPRIN®

22 Series Exit Devices





299 Strike

22 rim exit device for all types of single and double doors with mullion, UL listed for Panic Exit Hardware. Devices are ANSI A156.3, 2001, Grade 1. Covers stock hollow metal doors with 161* cutouts. Fits door stiles as narrow as 3 13/16" (97mm), see page 12. See opposite page for available outside trim and device functions.

**Not applicable with all strike and mullion combinations, consult factory.*

Specifications

Device Functions	Ships ready for all functions; EO, DT, NL, TP, K, L	
Device Handing	Non-Handed	
Device Lengths	3' (914mm) – see minimum door opening chart at bottom of page 4' (1219mm) – see minimum door opening chart at bottom of page	
Finishes	SP28, SP313	
Strikes	299 Dull Black Optional Strikes	see page 12
Dogging Feature	Hex key dogging standard LD Less Dogging	see page 14
Electric Options	LX Latchbolt Monitor Switch	see page 14
	RX Touch Bar Monitor Switch	see page 14
	RX2 Double Touch Bar Monitor Switch	see page 14
	ALK Alarm Exit Kit	see page 14
Miscellaneous Options	GBK Glass Bead Kit	see page 15
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities	
Latch Bolt	Deadlocking, 3/4" (19mm) throw	
Device Centerline from	39 13/16" (1011mm) at center of device Finished Floor 39 11/16" (1008mm) with Mullion	
Device Dimensions	see page 13	

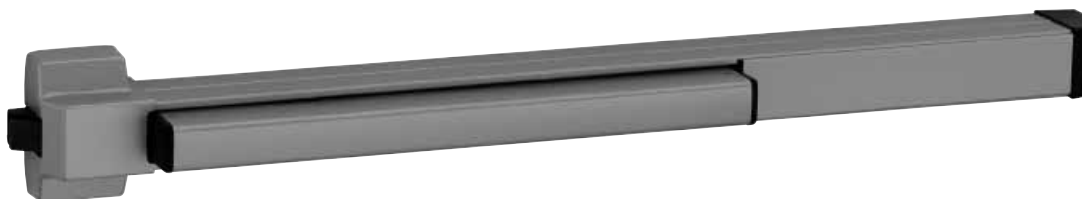
See page 16 for How to Order specification

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door w/Mullion	Minimum Door Opening for 3' device*	Minimum Door Opening w/ALK*
1/2"	299	Yes	—	26.500" (673mm)	33.250" (845mm)
1/2"	1439	Yes	—	25.687" (652mm)	32.437" (824mm)
1/2"	299	—	4754/4854/4954	27.000" (686mm)	33.750" (857mm)
1/2"	299	—	5654	25.812" (656mm)	32.562" (827mm)
1/2"	1408	—	5754	25.750" (679mm)	32.500" (826mm)
1/2"	1606	—	1654	26.562" (675mm)	33.312" (846mm)
5/8"	299	Yes	—	26.750" (679mm)	33.500" (851mm)
5/8"	1439	Yes	—	25.937" (659mm)	32.687" (830mm)
5/8"	299	—	4754/4854/4954	27.125" (689mm)	33.875" (860mm)
5/8"	299	—	5654	26.687" (678mm)	33.437" (849mm)
5/8"	1408	—	5754	25.875" (657mm)	32.625" (829mm)
5/8"	1606	—	1654	26.687" (678mm)	33.437" (849mm)

*For 4' device, add 6" (152mm)

VON DUPRIN® 22-F Rim Fire Exit Device



299F Strike



499F Strike
With 9854/9954
Mullion

22-F rim fire exit device for all types of single doors up to 4' x 8' (1219mm x 3048mm) or 8' x 8' (2438mm x 3048mm) double doors with 9954 or 9854 mullion, UL listed for Fire Exit Hardware. **See page 13 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3, 2001, Grade 1. Fits door stiles as narrow as 4 3/8" (111mm), see page 12. See opposite page for available outside trim and device functions.

Specifications

Device Functions	Ships ready for all functions; EO, NL, TP, K, L	
Device Handing	Non-Handed	
Device Lengths	3' (914mm) – see minimum door opening chart at bottom of page 4' (1219mm) – see minimum door opening chart at bottom of page	
Finishes	SP28, SP313	
Strikes	299F – Dull Black, single doors 499F – Dull Black, double door with 9954 or 9854 mullion Optional Strike see page 12	
Dogging Feature	No mechanical dogging	
Electric Options	LX Latchbolt Monitor Switch	see page 14
	RX Touch Bar Monitor Switch	see page 14
	RX2 Double Touch Bar Monitor Switch	see page 14
	ALK Alarm Exit Kit	see page 14
Miscellaneous Options	GBK Glass Bead Kit	see page 15
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities. Sex bolts are required on wood fire doors.	
Latch Bolt	Deadlocking, 3/4" (19mm) throw	
Device Centerline from	39 13/16" (1011mm) at center of device Finished Floor 39 11/16" (1008mm) with Mullion	
Device Dimensions	see page 13	

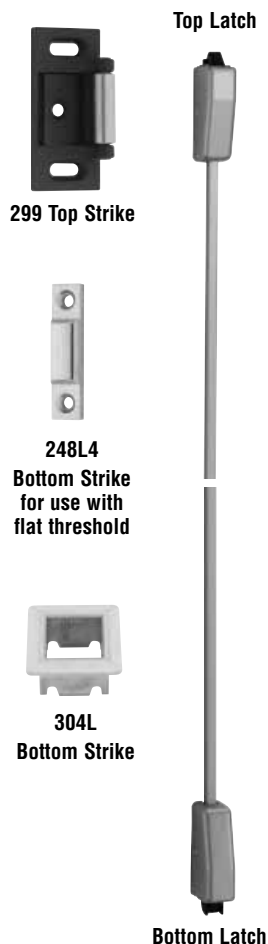
See page 16 for How to Order specification

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door w/Mullion	Minimum Door Opening for 3' device*	Minimum Door Opening w/ALK*
1/2"	299F/499F	Yes	—	26.500" (673mm)	33.250" (845mm)
1/2"	299F/499F	—	KR/9854/9954	27.000" (686mm)	33.750" (857mm)
5/8"	299F/499F	Yes	—	26.750" (679mm)	33.500" (851mm)
5/8"	299F/499F	—	KR/9854/9954	27.125" (689mm)	33.875" (860mm)

*For 4' device, add 6" (152mm)

VON DUPRIN® 2227 Surface Mounted Vertical Rod Device



2227 surface mounted vertical rod exit device for all types of single and double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3, 2001, Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts. Fits door stiles as narrow as 3 5/8" (92mm), see page 12. See opposite page for available outside trim and device functions.

Specifications

Device Functions	Ships ready for all functions; EO, DT, NL, TP, K, L	
Device Handing	Non-Handed	
Device Lengths	3' (914mm) – see minimum door opening chart at bottom of page 4' (1219mm) – see minimum door opening chart at bottom of page	
Door Height	7' (2134mm) – standard door height Extension rods available for door heights up to 10' 12" (205mm) 36" (914mm)	
Finishes	SP28, SP313	
Strikes	Top 299 – Dull Black Bottom 248L-4 and 304L – Unfinished Optional Strikes	see page 12
Dogging Feature	Hex key dogging standard LD Less Dogging	see page 14
Electric Options	LX Latchbolt Monitor Switch RX Touch Bar Monitor Switch RX2 Double Touch Bar Monitor Switch ALK Alarm Exit Kit	see page 14 see page 14 see page 14 see page 14
Miscellaneous Options	PL Pullman Latch GBK Glass Bead Kit RG Rod Guards LG Latch Guards	see page 14 see page 15 see page 15 see page 15
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities. Sex Bolts are furnished standard for top and bottom latches.	
Latch Bolt	Deadlocking Anti-friction Top and Bottom Bolt, 5/8" (16mm) throw	
Device Centerline from Finished Floor	39 13/16" (1011mm)	
Door Undercut	1/4" (7mm) from finished floor recommended, 3/4" (19mm) maximum or 1/8" (3mm) from threshold	
Device Dimensions	see page 13	

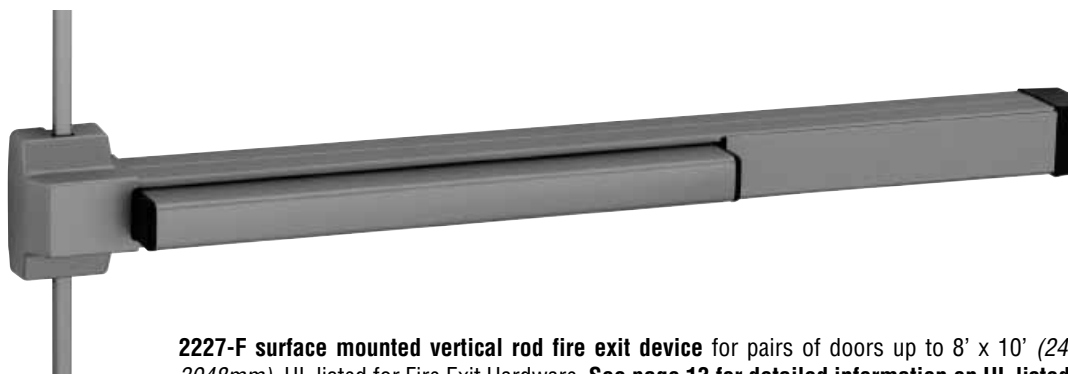
See page 16 for How to Order specification

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door w/Mullion	Minimum Door Opening for 3' device*	Minimum Door Opening w/ALK*
1/2"	N/A	Yes	Vert. x Vert.	25.875" (657mm)	32.625" (829mm)
5/8"	N/A	Yes	Vert. x Vert.	26.000" (664mm)	32.750" (832mm)

*For 4' device, add 6" (152mm)

VON DUPRIN® 2227-F Surface Mounted Vertical Rod Fire Exit Device



299F Top Strike



304L
Bottom Strike

Top Latch



Bottom Latch

2227-F surface mounted vertical rod fire exit device for pairs of doors up to 8' x 10' (2438mm x 3048mm), UL listed for Fire Exit Hardware. **See page 13 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3, 2001, Grade 1. Fits door stiles as narrow as 3 5/8" (92mm), see page 12. See opposite page for available outside trim and device functions.

Specifications

Device Functions	Ships ready for all functions; EO, NL, TP, K, L	
Device Handling	Non-Handed	
Device Lengths	3' (914mm) – see minimum door opening chart at bottom of page 4' (1219mm) – see minimum door opening chart at bottom of page	
Door Height	7' (2134mm) – standard door height Extension rods available for door heights up to 10' 12" (205mm) 36" (914mm)	
Finishes	SP28, SP313	
Strikes	Top 299F (499F LBR) – Dull Black Bottom 304L – Unfinished Optional Strikes see page 12	
Dogging Feature	No Mechanical Dogging	
Electric Options	LX Latchbolt Monitor Switch see page 14	
	RX Touch Bar Monitor Switch see page 14	
	RX2 Double Touch Bar Monitor Switch see page 14	
	ALK Alarm Exit Kit see page 14	
Miscellaneous Options	LBR Less Bottom Rod see page 14	
	GBK Glass Bead Kit see page 15	
	RG Rod Guards see page 15	
	LG Latch Guards see page 15	
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities. Sex Bolts are furnished standard for top and bottom latches.	
Latch Bolt	Deadlocking Anti-friction Top and Bottom Bolt, 5/8" (16mm) throw	
Device Centerline from Finished Floor	39 13/16" (1011mm) at center of device	
Door Undercut	1/4" (7mm) from finished floor recommended, 3/4" (19mm) 3/8" (9mm) maximum	
Device Dimensions	see page 13	

See page 16 for How to Order specification

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door w/Mullion	Minimum Door Opening for 3' device*	Minimum Door Opening w/ALK*
1/2"	N/A	Yes	Vert. x Vert.	25.875" (657mm)	32.625" (829mm)
5/8"	N/A	Yes	Vert. x Vert.	26.000" (664mm)	32.750" (832mm)

*For 4' device, add 6" (152mm)

VON DUPRIN®

33A/35A Series Exit Device





1439 Roller

33A and 35A for all types of single and double doors with mullion, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 35A has a smooth mechanism case and the 33A has grooved case. The rim device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

33A/35A fits door stiles as narrow as 1 3/4" (44mm). Newly designed device has a one piece center case cover.

The 33A/35A devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN. See inside cover for finish chips.

Specifications

Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Strikes	1439 – Dull Black Optional Strikes – see page 20
Dogging Feature	Hex key dogging standard
Dogging Options	CD Cylinder Dogging, see page 26 LD Less Dogging see page 26
Electric Options	LX Latchbolt Monitor Switch see page 22 RX Pushpad Monitor Switch see page 22 RX2 Double Pushpad Monitor Switch see page 22 SS Signal Switch see page 23 EL Electric Latch Retraction see page 23 ALK Alarm Exit Kit see page 22
Miscellaneous Options	PN Pneumatic Latch Retraction see page 26 GBK Glass Bead Kit see page 27
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) Wood & Metal Doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)
Latch Bolt	Deadlocking, 3/4" (19mm) throw
Device Centerline from Finished Floor	39 13/16" (1011 mm) 39 17/16" (1008 mm) with Mullion
Center Case Dimensions	8 3/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)

See page 31 for How to Order specification

VON DUPRIN® 3327A/3527A Surface Mounted Vertical Rod Device

27 Top Latch



3327A and 3527A for all types of single and double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 3527A has a smooth mechanism case and the 3327A has grooved case. The surface vertical rod device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

3327A/3527A fits door stiles as narrow as 1 3/4" (44mm). Newly designed device has a one piece center case cover.

The 3327A/3527A devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN. See the inside cover for finish chips.

Specifications

Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Strikes	Top – 266 – Dull Black, Bottom – 248L4 & 304L – Unfinished Optional Strikes – see page 20
Dogging Feature	Hex key dogging standard
Dogging Options	CD Cylinder Dogging see page 26 LD Less Dogging see page 26
Electric Options	LX Latchbolt Monitor Switch see page 22 RX Pushpad Monitor Switch see page 22 RX2 Double Pushpad Monitor Switch see page 22 SS Signal Switch see page 23 EL Electric Latch Retraction see page 23 ALK Alarm Exit Kit see page 22
Miscellaneous Options	PN Pneumatic Latch Retraction see page 26 LBR Less Bottom Rod see page 27 GBK Glass Bead Kit see page 27 PL Pullman Latch see page 27
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) Wood & Metal Doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device) #325 SNB furnished for top and bottom latches
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt 5/8" (16mm) throw
Device Centerline from Finished Floor	39 5/8" (1006mm)
Door Undercut	1/4" (7mm)
Center Case Dimensions	8 3/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Top and Bottom Latch	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)
Vertical Rods	1/2" square tubing, standard rods accommodate 7'(2134mm) door Top rod length is 34 15/16" (887mm) Bottom rod length is 31 1/4"(794mm) Extension rods available 1' (205mm) or 3'(914mm) for doors over 7' One piece top rod available for 8'(2438mm)-10'(3048mm) door
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)

27 Bottom Latch



266
Top Strike



248L-4
Bottom Strike
for use with
Threshold



304L
Bottom Strike

See page 31 for How to Order specification

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VON DUPRIN® 3327A-F/3527A-F Fire Exit Surface Mounted Vertical Rod Device

27 Top Latch



27 Bottom Latch



299F
Top Strike



304L
Bottom Strike
for use with
Threshold



499F
(LBR only)

3327A-F and 3527A-F for all types of double doors up to 8' x 10' (2438mm x 2540mm), UL listed for Fire Exit Hardware. **See page 28 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3 – 2001 Grade 1. The 3527A-F has a smooth mechanism case and the 3327A-F has grooved case. The surface vertical rod device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

3327A-F/3527A-F fits door stiles as narrow as 2 3/16" (56 mm). Newly designed device has a one piece center case cover.

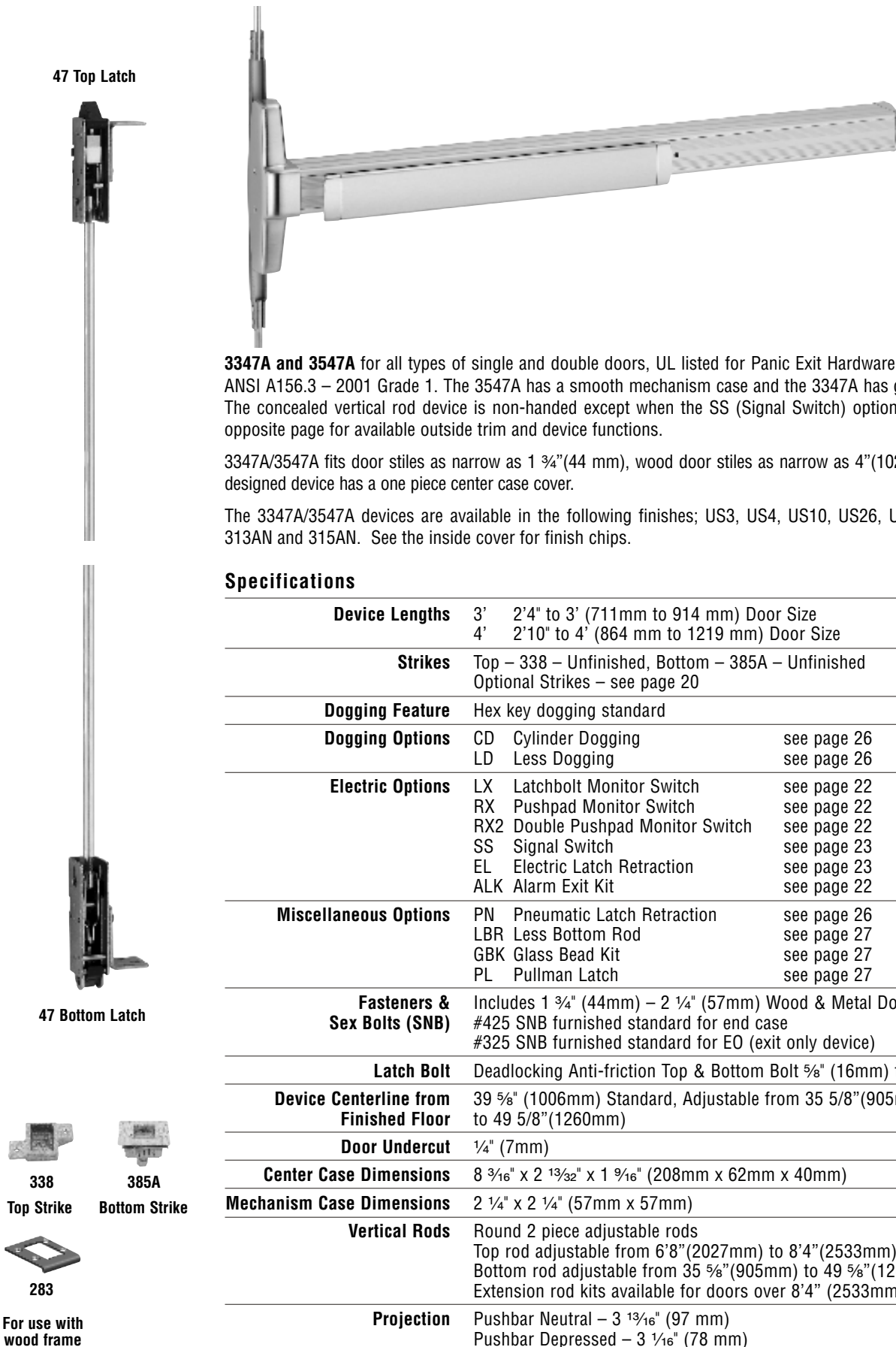
The 3327A-F/3527A-F devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN. See the inside cover for finish chips.

Specifications

Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Strikes	Top – 299F(499F LBR) – Dull Black, Bottom – 304L – Unfinished Optional Strikes – see page 20
Dogging Feature	No mechanical Dogging, EL option available
Electric Options	LX Latchbolt Monitor Switch see page 22 RX Pushpad Monitor Switch see page 22 RX2 Double Pushpad Monitor Switch see page 22 SS Signal Switch see page 23 EL Electric Latch Retraction see page 23 ALK Alarm Exit Kit see page 22
Miscellaneous Options	PN Pneumatic Latch Retraction see page 26 LBR Less Bottom Rod see page 27 GBK Glass Bead Kit see page 27
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) Wood & Metal Doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device) #325 SNB furnished for top and bottom latches
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt 5/8" (16mm) throw
Device Centerline from Finished Floor	39 5/8" (1006mm)
Door Undercut	1/4" (7mm)
Center Case Dimensions	8 3/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Top and Bottom Latch	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)
Vertical Rods	1/2" square tubing, standard rods accommodate 7'(2134mm) door Top rod length is 34 15/16" (887mm) Bottom rod length is 31 1/4"(794mm) Extension rods available 1' (205mm) or 3'(914mm) for doors over 7' One piece top rod available for 8'(2438mm)-10'(3048mm) door
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)

See page 31 for How to Order specification

VON DUPRIN® 3347A/3547A Concealed Vertical Rod Device



3347A and 3547A for all types of single and double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 3547A has a smooth mechanism case and the 3347A has grooved case. The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

3347A/3547A fits door stiles as narrow as 1 3/4" (44 mm), wood door stiles as narrow as 4" (102mm). Newly designed device has a one piece center case cover.

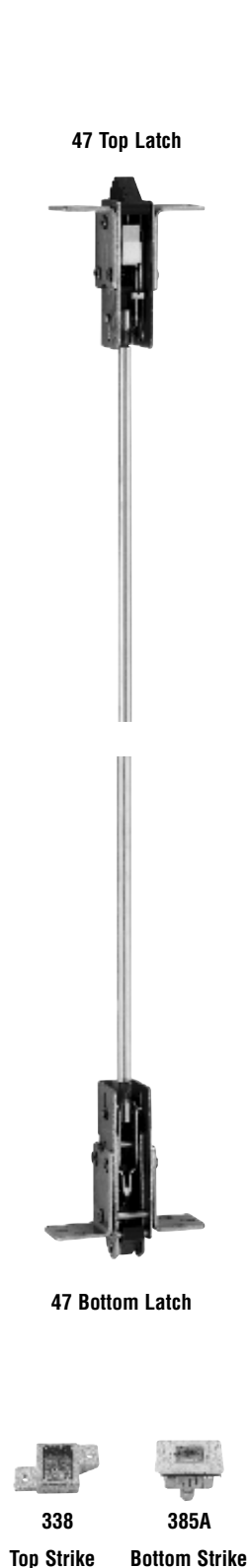
The 3347A/3547A devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN. See the inside cover for finish chips.

Specifications

Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Strikes	Top – 338 – Unfinished, Bottom – 385A – Unfinished Optional Strikes – see page 20
Dogging Feature	Hex key dogging standard
Dogging Options	CD Cylinder Dogging see page 26 LD Less Dogging see page 26
Electric Options	LX Latchbolt Monitor Switch see page 22 RX Pushpad Monitor Switch see page 22 RX2 Double Pushpad Monitor Switch see page 22 SS Signal Switch see page 23 EL Electric Latch Retraction see page 23 ALK Alarm Exit Kit see page 22
Miscellaneous Options	PN Pneumatic Latch Retraction see page 26 LBR Less Bottom Rod see page 27 GBK Glass Bead Kit see page 27 PL Pullman Latch see page 27
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) Wood & Metal Doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt 5/8" (16mm) throw
Device Centerline from Finished Floor	39 5/8" (1006mm) Standard, Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Door Undercut	1/4" (7mm)
Center Case Dimensions	8 3/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Vertical Rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)

See page 31 for How to Order specification

VON DUPRIN® 3347A-F/3547A-F Fire Exit Concealed Vertical Rod Device



3347A-F and 3547A-F for all types of double doors up to 8' x 10' (2438mm x 2540mm), UL listed for Fire Exit Hardware. **See page 28 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3 – 2001 Grade 1. The 3547A-F has a smooth mechanism case and the 3347A-F has grooved case. The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

3347A-F/3527A-F fits door stiles as narrow as 3 1/2" (90mm). Newly designed device has a one piece center case cover.

The 3347A-F/3547A-F devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN. See the inside cover for finish chips.

Specifications

Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Strikes	Top – 338 – Unfinished, Bottom – 385A – Unfinished Optional Strikes – see page 20
Dogging Feature	No mechanical Dogging, EL option available
Electric Options	LX Latchbolt Monitor Switch see page 22 RX Pushpad Monitor Switch see page 22 RX2 Double Pushpad Monitor Switch see page 22 SS Signal Switch see page 23 EL Electric Latch Retraction see page 23 ALK Alarm Exit Kit see page 22
Miscellaneous Options	PN Pneumatic Latch Retraction see page 26 LBR Less Bottom Rod see page 27 GBK Glass Bead Kit see page 27
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) Wood & Metal Doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt 5/8" (16mm) throw
Device Centerline from Finished Floor	39 5/8" (1006mm) Standard, Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Door Undercut	1/4" (7mm)
Center Case Dimensions	8 3/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Vertical Rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)

See page 31 for How to Order specification

VON DUPRIN® 3348A/3548A Concealed Vertical Rod Device

48 Top Latch



48 Bottom Latch



338
Top Strike



385A
Bottom Strike



3348A and 3548A for all types of single and double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 3548A has a smooth mechanism case and the 3348A has grooved case. The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

3348A/3548A fits door stiles as narrow as 1 3/4" (44 mm). Newly designed device has a one piece center case cover.

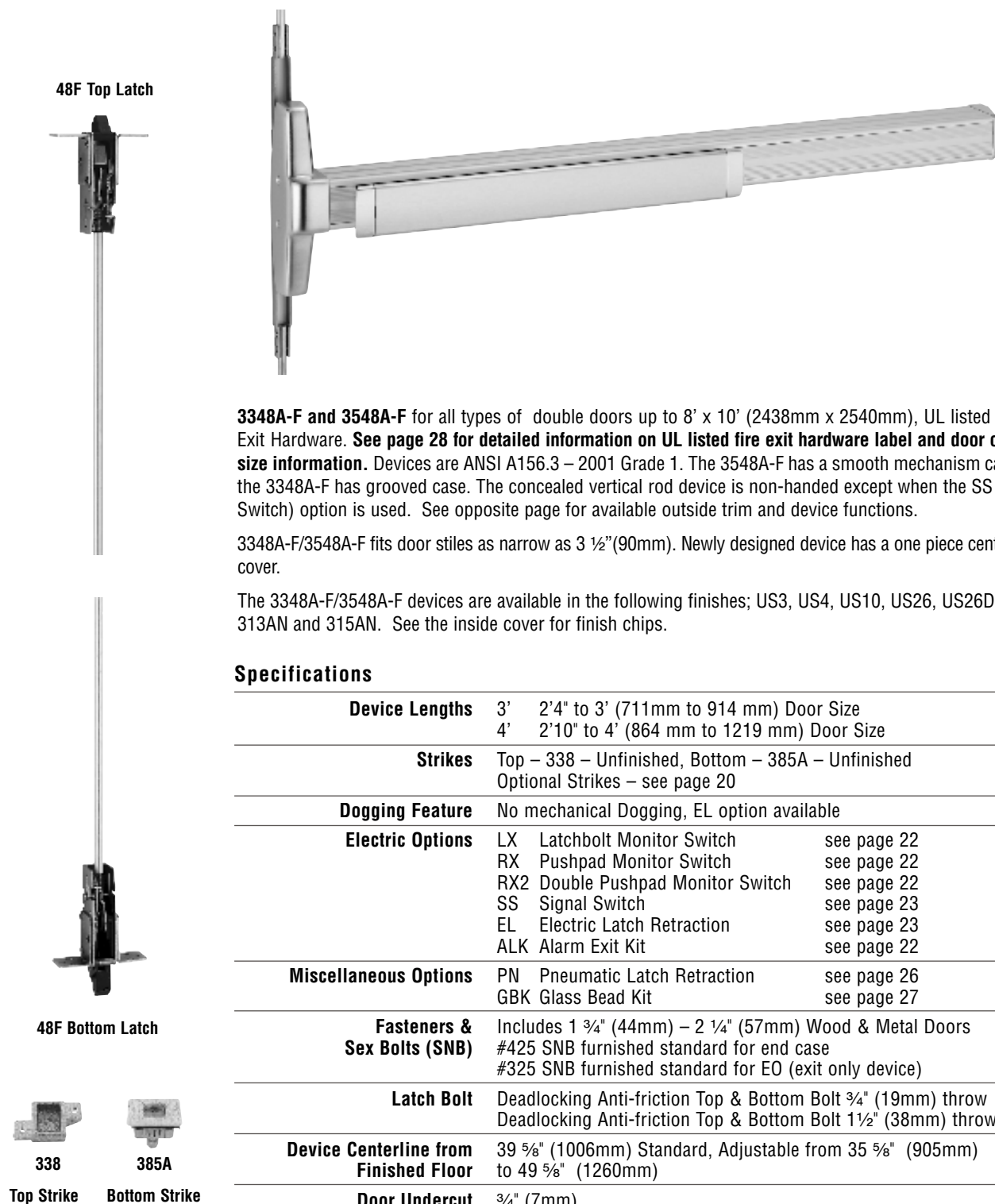
The 3348A/3548A devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN. See the inside cover for finish chips.

Specifications

Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Strikes	Top – 338 – Unfinished, Bottom – 385A – Unfinished Optional Strikes – see page 20
Dogging Feature	Hex key dogging standard
Dogging Options	CD Cylinder Dogging see page 26 LD Less Dogging see page 26
Electric Options	LX Latchbolt Monitor Switch see page 22 RX Pushpad Monitor Switch see page 22 RX2 Double Pushpad Monitor Switch see page 22 SS Signal Switch see page 23 EL Electric Latch Retraction see page 23 ALK Alarm Exit Kit see page 22
Miscellaneous Options	PN Pneumatic Latch Retraction see page 26 GBK Glass Bead Kit see page 27
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) Wood & Metal Doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt 3/4" (19mm) throw Deadlocking Anti-friction Top & Bottom Bolt 1 1/2" (38mm) throw
Device Centerline from Finished Floor	39 5/8" (1006mm) Standard, Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Door Undercut	3/4" (19mm)
Center Case Dimensions	8 3/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Vertical Rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)

See page 31 for How to Order specification

VON DUPRIN® 3348A-F/3548A-F Fire Exit Concealed Vertical Rod Device



3348A-F and 3548A-F for all types of double doors up to 8' x 10' (2438mm x 2540mm), UL listed for Fire Exit Hardware. **See page 28 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3 – 2001 Grade 1. The 3548A-F has a smooth mechanism case and the 3348A-F has grooved case. The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

3348A-F/3548A-F fits door stiles as narrow as 3 1/2" (90mm). Newly designed device has a one piece center case cover.

The 3348A-F/3548A-F devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN. See the inside cover for finish chips.

Specifications

Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Strikes	Top – 338 – Unfinished, Bottom – 385A – Unfinished Optional Strikes – see page 20
Dogging Feature	No mechanical Dogging, EL option available
Electric Options	LX Latchbolt Monitor Switch see page 22 RX Pushpad Monitor Switch see page 22 RX2 Double Pushpad Monitor Switch see page 22 SS Signal Switch see page 23 EL Electric Latch Retraction see page 23 ALK Alarm Exit Kit see page 22
Miscellaneous Options	PN Pneumatic Latch Retraction see page 26 GBK Glass Bead Kit see page 27
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) Wood & Metal Doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt 3/4" (19mm) throw Deadlocking Anti-friction Top & Bottom Bolt 1 1/2" (38mm) throw
Device Centerline from Finished Floor	39 5/8" (1006mm) Standard, Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Door Undercut	3/4" (7mm)
Center Case Dimensions	8 3/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Vertical Rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)

See page 31 for How to Order specification

VON DUPRIN®

5100 Electric Strike *The industry's most versatile electric strike*



Security & Safety
Proven Source. Proven Solutions.™

VON DUPRIN®

55 Series Exit Device



Security & Safety
Proven Source. Proven Solutions.™



1409

55 rim devices for all types of single and double doors with mullion, UL listed for accident hazard installations. Fits doors stiles as narrow as 1-3/4" (44mm). Specify if 2-1/4" door.

Features

- Field sizeable
- 3/4" (19mm) throw latch bolt
- Five popular finishes
- Hex key dogging

Dimensions

Crossbar height to finished floor	36-13/16" (1011mm) at center
Crossbar projection —	
neutral	3-3/4" (95mm)
depressed	2-3/8" (60mm)
Crossbar length	42" (1067mm)
Lock stile case	7-1/4" x 1-3/16" x 2-1/4" (184mm x 30mm x 57mm)
Hinge stile case	7-1/4" x 1-3/16" x 2-1/4" (184mm x 30mm x 57mm)
Crossbar tubing	1" (25mm)

Strikes and Fasteners

Device is furnished with standard 1409 strike in dull black finish. Sex nuts and bolts for mounting are included for 1-3/4" (44mm) and 2-1/4" (57mm) thick doors. For strike dimensions and optional strike information, refer to pages 12-13.

Outside Trim

Standard

550DT x 110NL-MD
550DT x 110NL-WD
550DT

For complete outside trim
information, see pages
10-11.

For How-To-Order Information on all devices, see page 17.



575

5575 mortise lock devices for all types of single and double doors. UL listed for accident hazard installations.

The 7500 mortise lock is equipped with a 3/4" (19mm) anti-friction latch bolt which is field reversible without removing the lock from the door. It has a non-handed auxiliary bolt for deadlocking and a faceplate with an adjustable bevel. Wood doors required 589 cover plate.

Features

- Field sizeable
- 3/4" (19mm) throw latch bolt
- Latch bolt deadlocking
- Five popular finishes

Dimensions

Crossbar height to finished floor	36-13/16" (935mm) at center
Latch bolt height to finished floor	40-3/32" (1018mm) at center
Crossbar projection —	
neutral	3-3/4" (95mm)
depressed	2-3/8" (60mm)
Crossbar length	42" (1067mm)
Lock stile case	7-1/4" x 1-3/16" x 2-1/4" (184mm x 30mm x 57mm)
Hinge stile case	7-1/4" x 1-3/16" x 2-1/4" (184mm x 30mm x 57mm)
Lock case	4-5/8" x 5-3/4" x 1-1/16" (117mm x 146mm x 27mm)
Faceplate	1-1/4" x 8" x 7/32" (32mm x 203mm x 6mm)
Cylinder backset	2-3/4" (70mm)
Crossbar tubing	1" (25mm)

Strikes and Fasteners

Device is furnished with standard 575 strike in dull black finish. Sex nuts and bolts for mounting are included for 1-3/4" (44mm) and 2-1/4" (57mm) thick doors. Optional strikes and finishes are available. For strike applications, dimensions, and minimum door stile information, refer to pages 12-13.

Outside Trim

Standard

375L
550DT

For complete outside trim information, see pages 10-11.

For How-To-Order Information on all devices, see page 17.

VON DUPRIN® 55 Concealed Vertical Rod Device



5547 concealed vertical rod devices for use on single or double metal doors.
UL listed for accident hazard installations and fits door stiles as narrow as 1-3/4" (44mm). Specify if 2-1/4" door.

5547WDC concealed vertical rod devices for use on single or double wood doors.
Fits door stiles as narrow as 4" (102mm).

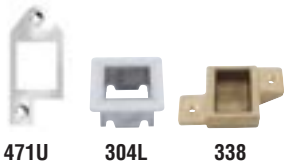
Features

- Field sizeable
- 1/2" (13mm) (MD) or 5/8" (16mm) WD throw latch bolt
- Five popular finishes
- Hex key dogging

Dimensions

Crossbar height to finished floor	36-13/16" (935mm) at center
Crossbar projection —	
neutral	3-3/4" (95mm)
depressed	2-3/8" (60mm)
Crossbar length	42" (1067mm)
Lock stile case	7-1/4" x 1-3/16" x 2-1/4" (184mm x 30mm x 57mm)
Hinge stile case	7-1/4" x 1-3/16" x 2-1/4" (184mm x 30mm x 57mm)
Vertical rods-hexagon	3/8" (10mm) adjustable top rod
Crossbar tubing	1" (25mm)

Note: Maximum door undercut, 1/4" (6mm).



471U 304L 338

Strikes and Fasteners

5547 is furnished standard with 471U and 304L.

5547WDC is furnished standard with 338 and 304L.

Sex nuts and bolts for mounting are included for 1-3/4" (44mm) and 2-1/4" (57mm) thick doors. For strike dimensions and optional strike information, refer to pages 12-13.

Outside Trim

Standard

555NL
550DT
376T x 550DT

Optional

Wood Door
556NL
550DT
376T (WDC) x 550DT

For complete outside trim
information, see pages
10-11.

For How-To-Order Information on all devices, see page 17.



575

5575-F fire exit mortise lock devices for 4' x 10' (1219mm x 3048mm) single or 8' x 8' (2438mm x 2438mm) double metal doors, UL listed for up to 3 hour labeled installations. Fits door stiles as narrow as 4-3/4" (121mm).

The 7500 mortise lock is equipped with a 3/4" (19mm) anti-friction latch bolt which is field reversible without removing the lock from the door. It has a non-handed auxiliary bolt for deadlocking and a faceplate with an adjustable bevel. Wood door required 589 cover plate.

Features

- Field sizeable
- 3/4" (19mm) throw latch bolt
- Latch bolt deadlocking
- Five popular finishes

Dimensions

Crossbar height to finished floor	36-13/16" (935mm) at center
Latch bolt height to finished floor	40-3/32" (1018mm) at center
Crossbar projection —	
neutral	3-3/4" (95mm)
depressed	2-3/8" (60mm)
Crossbar length	42" (1067mm)
Lock stile case	7-1/4" x 1-3/16" x 2-1/4" (184mm x 30mm x 57mm)
Hinge stile case	7-1/4" x 1-3/16" x 2-1/4" (184mm x 30mm x 57mm)
Lock case	4-5/8" x 5-3/4" x 1-1/16" (117mm x 146mm x 27mm)
Faceplate	1-1/4" x 8" x 7/32" (32mm x 203mm x 6mm)
Cylinder backset	2-3/4" (70mm)
Crossbar tubing	1" (25mm)

Strikes and Fasteners

Device is furnished with standard 575 strike in dull black finish. Sex nuts and bolts for mounting are included for 1-3/4" (44mm) and 2-1/4" (57mm) thick doors. Optional strike and finishes are available. For strike applications, dimensions, and minimum door stile information, refer to pages 12-13.

Outside Trim

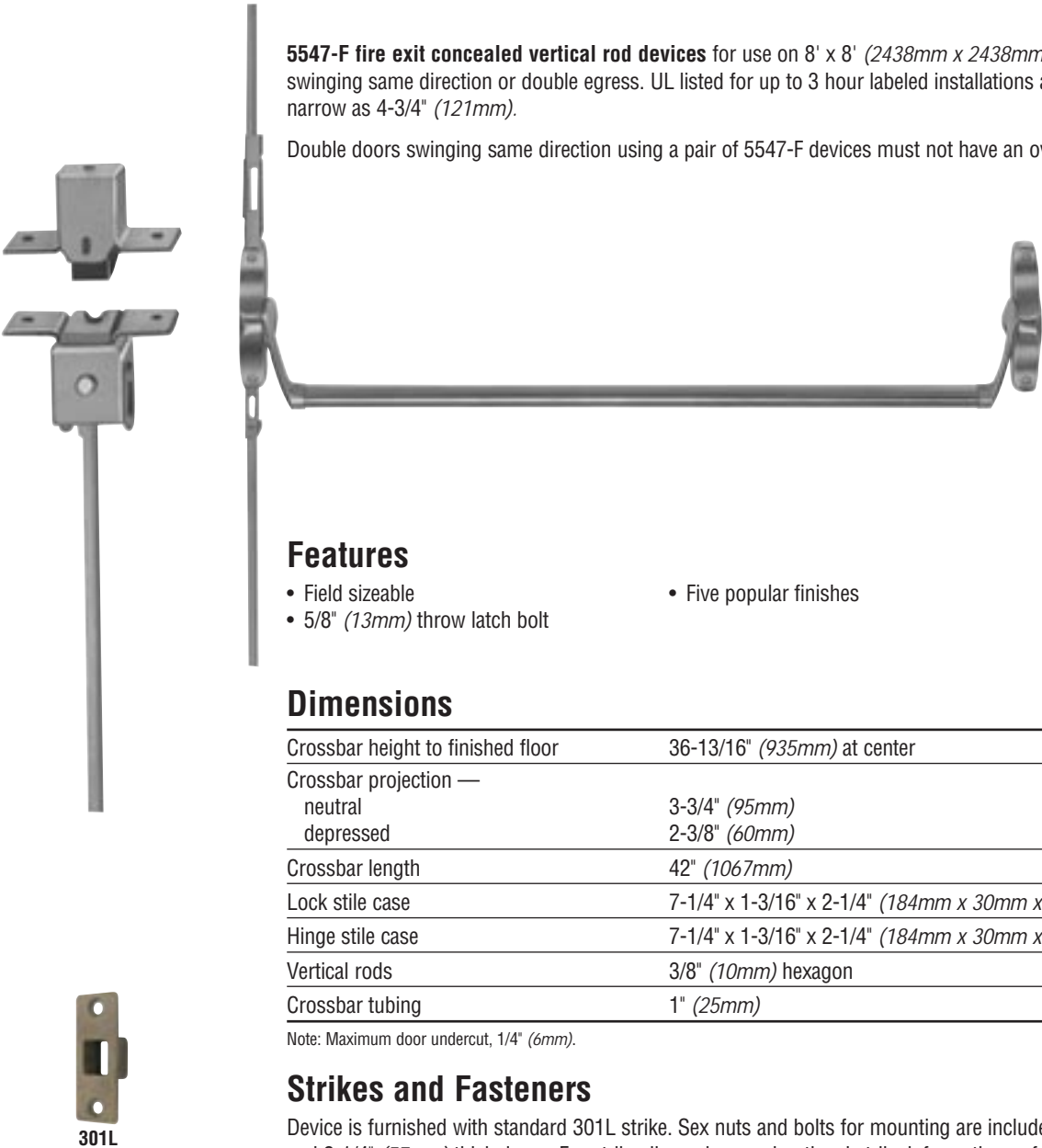
Standard

550DT

375L

For complete outside trim information, see pages 10-11.

For How-To-Order Information on all devices, see page 17.



5547-F fire exit concealed vertical rod devices for use on 8' x 8' (2438mm x 2438mm) double metal doors swinging same direction or double egress. UL listed for up to 3 hour labeled installations and fits door stiles as narrow as 4-3/4" (121mm).

Double doors swinging same direction using a pair of 5547-F devices must not have an overlapping astragal.

Features

- Field sizeable
- 5/8" (13mm) throw latch bolt
- Five popular finishes

Dimensions

Crossbar height to finished floor	36-13/16" (935mm) at center
Crossbar projection —	
neutral	3-3/4" (95mm)
depressed	2-3/8" (60mm)
Crossbar length	42" (1067mm)
Lock stile case	7-1/4" x 1-3/16" x 2-1/4" (184mm x 30mm x 57mm)
Hinge stile case	7-1/4" x 1-3/16" x 2-1/4" (184mm x 30mm x 57mm)
Vertical rods	3/8" (10mm) hexagon
Crossbar tubing	1" (25mm)

Note: Maximum door undercut, 1/4" (6mm).

Strikes and Fasteners

Device is furnished with standard 301L strike. Sex nuts and bolts for mounting are included for 1-3/4" (44mm) and 2-1/4" (57mm) thick doors. For strike dimensions and optional strike information, refer to pages 12-13.

Outside Trim

Standard

371L
376T x 609DT

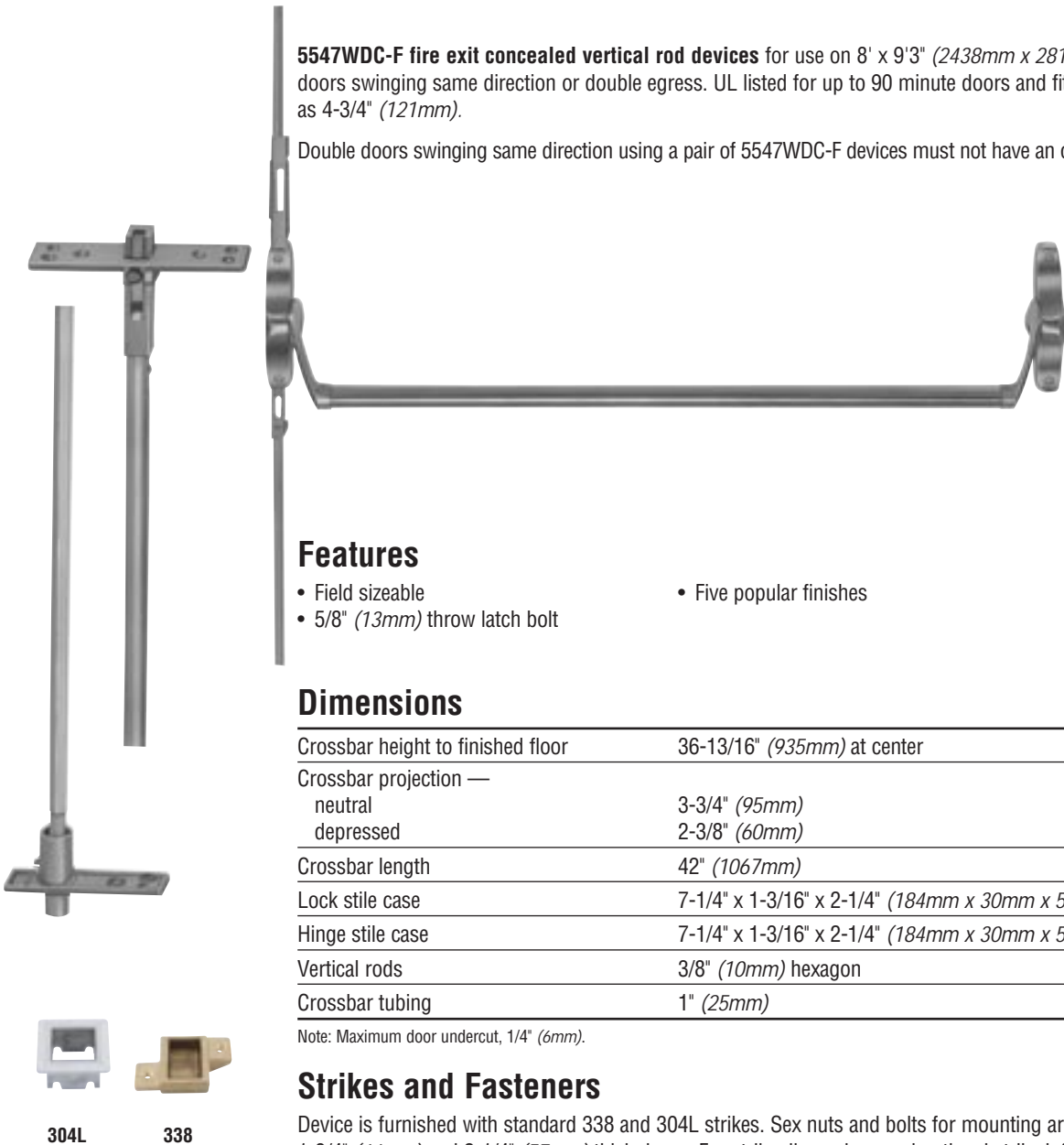
For complete outside trim information, see pages 10-11.

For How-To-Order Information on all devices, see page 17.

VON DUPRIN® 55 Fire Exit WDC Concealed Vertical Rod Device

5547WDC-F fire exit concealed vertical rod devices for use on 8' x 9'3" (2438mm x 2819mm) double wood doors swinging same direction or double egress. UL listed for up to 90 minute doors and fits stiles as narrow as 4-3/4" (121mm).

Double doors swinging same direction using a pair of 5547WDC-F devices must not have an overlapping astragal.



Features

- Field sizeable
- 5/8" (13mm) throw latch bolt
- Five popular finishes

Dimensions

Crossbar height to finished floor	36-13/16" (935mm) at center
Crossbar projection —	
neutral	3-3/4" (95mm)
depressed	2-3/8" (60mm)
Crossbar length	42" (1067mm)
Lock stile case	7-1/4" x 1-3/16" x 2-1/4" (184mm x 30mm x 57mm)
Hinge stile case	7-1/4" x 1-3/16" x 2-1/4" (184mm x 30mm x 57mm)
Vertical rods	3/8" (10mm) hexagon
Crossbar tubing	1" (25mm)

Note: Maximum door undercut, 1/4" (6mm).

Strikes and Fasteners

Device is furnished with standard 338 and 304L strikes. Sex nuts and bolts for mounting are included for 1-3/4" (44mm) and 2-1/4" (57mm) thick doors. For strike dimensions and optional strike information, refer to pages 12-13.

Outside Trim

Standard

376T x 550DT

For complete outside trim information, see pages 10-11.

For How-To-Order Information on all devices, see page 17.

VON DUPRIN®

88 Series Exit Device



INGERSOLL-RAND
ARCHITECTURAL HARDWARE

VON DUPRIN®

98/99™ Series Exit Devices



IR Security & Safety
Proven Source. Proven Solutions.™



299 Strike



98 and 99 rim exit devices for all types of single and double doors with mullion, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 98 device has a smooth mechanism case and the 99 device has a grooved case. The rim device is non-handed except when the following device options are used: SD (Special Dogging), -2 (Double Cylinder) or SS (Signal Switch). See Opposite page for available outside trim and device functions. Covers stock hollow metal doors with 86 or 161 cutouts on single doors (may cover cutouts on pairs – consult template).

The 98/99 devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 98 device only. See page 52 for component finishes and the inside cover for finish chips.

Specifications

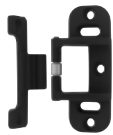
Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K,or L remove NL drive screw from device		
Device Lengths	3'	2'4" to 3' (711mm to 914 mm)	Door Size
	4'	2'10" to 4' (864 mm to 1219 mm)	Door Size
Strikes	299 – Dull Black Optional Strikes – see page 39		
Dogging Feature	Hex key dogging standard		
Dogging Options	CD	Cylinder Dogging	see page 48
	SD	Special Center Case Dogging	see page 48
	LD	Less Dogging	see page 48
Electric Options	LX	Latchbolt Monitor Switch	see page 42
	RX	Pushpad Monitor Switch	see page 42
	RX2	Double Pushpad Monitor Switch	see page 42
	E	Electric Locking & Unlocking	see page 44
	EL	Electric Latch Retraction	see page 43
	SS	Signal Switch	see page 43
	CX	Chexit Delayed Exit	see page 45
Miscellaneous Options	ALK	Alarm Exit Kit	see page 42
	PN	Pneumatic Latch Retraction	see page 48
	-2	Double Cylinder	see page 48
	GBK	Glass Bead Kit	see page 49
Fasteners & Sex Bolts (SNB)	Includes 1 ¾" (19mm) – 2 ¼" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities		
Latch Bolt	Deadlocking, ¾" (19mm) throw		
Device Centerline from Finished Floor	39 13/16" (1011 mm)		
	39 11/16" (1008 mm) with Mullion		
Center Case Dimensions	8" x 2 ¾" x 2 ¾" (203mm x 70mm x 60mm)		
Mechanism Case Dimensions	2 ¼" x 2 ¼" (57mm x 57mm)		
Projection	Pushbar Neutral – 3 13/16" (97 mm)		
	Pushbar Depressed – 3 1/16" (78 mm)		

See page 53 for How to Order specification

VON DUPRIN® 98-F/99-F Rim Fire Exit Device



299F Strike



**499F Strike
With 9854/9954
Mullion**

98-F and 99-F rim fire exit devices for all types of single doors up to 4' x 10' (1219mm x 3048mm) or 8' x 10' (2438mm x 3048mm) double doors with 9954 or 9854 mullion, UL listed for Fire Exit Hardware. **See page 41 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3 – 2001 Grade 1. The 98-F device has a smooth mechanism case and the 99-F device has a grooved case. The rim device is non-handed except when the following device options are used: -2 (Double Cylinder) or SS (Signal Switch). See Opposite page for available outside trim and device functions.

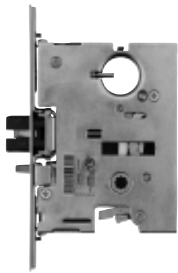
The 98-F/99-F devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 98-F device only. See page 52 for component finishes and the inside cover for finish chips.

Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K, or L remove NL drive screw from device		
Device Lengths	3'	2'4" to 3' (711mm to 914 mm)	Door Size
	4'	2'10" to 4' (864 mm to 1219 mm)	Door Size
Strikes	299F – Dull Black, 499F with Mullions Optional Strikes – see page 39		
Dogging Feature	No Mechanical Dogging, EL option available		
Electric Options	LX	Latchbolt Monitor Switch	see page 42
	RX	Pushpad Monitor Switch	see page 42
	RX2	Double Pushpad Monitor Switch	see page 42
	E	Electric Locking & Unlocking	see page 44
	EL	Electric Latch Retraction	see page 43
	SS	Signal Switch	see page 43
	CX	Chexit Delayed Exit	see page 45
	ALK	Alarm Exit Kit	see page 42
Miscellaneous Options	PN	Pneumatic Latch Retraction	see page 48
	-2	Double Cylinder	see page 48
	GBK	Glass Bead Kit	see page 49
Fasteners & Sex Bolts (SNB)	Includes 1 ¾" (19mm) – 2 ¼" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities Optional SLM Blocking Pkg for wood doors with SLM blocking SNB required for wood doors, unless SLM Blocking Pkg specified		
Latch Bolt	Deadlocking, ¾" (19mm) throw		
Device Centerline from Finished Floor	39 13/16"	(1011 mm)	
	39 11/16"	(1008 mm) with Mullion	
Center Case Dimensions	8" x 2 ¾" x 2 ¾" (203mm x 70mm x 60mm)		
Mechanism Case Dimensions	2 ¼" x 2 ¼" (57mm x 57mm)		
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)		

See page 53 for How to Order specification

VON DUPRIN® 9875/9975 Mortise Lock Device



575 Strike

9875/9975 mortise lock device for all types of single or double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. Fits stock hollow metal doors with 86 cutout and door stiles as narrow as 4 3/4" (121mm). The 9875 device has a smooth mechanism case and the 9975 device has a grooved case. The mortise lock device is non-handed except when the following device options are used: -2 (Double Cylinder) or SS (Signal Switch). See Opposite page for available outside trim and device functions.

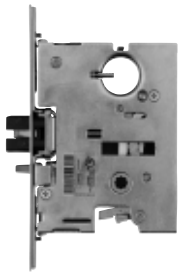
The 9875/9975 devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 9875 device only. See page 52 for component finishes and the inside cover for finish chips.

The 7500 Mortise lock is equipped with a 3/4" (19mm) anti-friction latch bolt which is field reversible without removing the lock from the door. It has a non-handed auxiliary bolt for deadlocking and a faceplate with an adjustable bevel.

Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K,or L adjust NL drive screw in mortise lock		
Device Lengths	3'	2'4" to 3' (711mm to 914 mm) Door Size	
	4'	2'10" to 4' (864 mm to 1219 mm) Door Size	
Strikes	575 – Dull Black Optional Strikes – see page 39		
Dogging Feature	Hex key dogging standard		
Dogging Options	CD	Cylinder Dogging	see page 48
	LD	Less Dogging	see page 48
Electric Option	RX	Pushpad Monitor Switch	see page 42
	RX2	Double Pushpad Monitor Switch	see page 42
	E	Electric Locking & Unlocking	see page 44
	EL	Electric Latch Retraction	see page 43
	SS	Signal Switch	see page 43
	CX	Chexit Delayed Exit	see page 45
Miscellaneous Options	ALK	Alarm Exit Kit	see page 42
	PN	Pneumatic Latch Retraction	see page 48
	-2	Double Cylinder	see page 48
Fasteners & Sex Bolts (SNB)	GBK	Glass Bead Kit	see page 49
	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities		
Device Centerline from Finished Floor	39 5/8" (1006 mm)		
Center Case Dimensions	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)		
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)		
Projection	Pushbar Neutral – 3 13/16" (97 mm)		
	Pushbar Depressed – 3 1/16" (78 mm)		

See page 53 for How to Order specification



575 Strike

9875-F/9975-F fire exit mortise lock devices for all types of single doors up to 4' x 10' (1219mm x 3048mm) or 8' x 10' (2438mm x 3048mm) double doors installations, UL listed for Fire Exit Hardware; **See page 41 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3 – 2001 Grade 1. Fits door stiles as narrow as 4 3/4" (121mm). The 9875-F device has a smooth mechanism case and the 9975-F device has a grooved case. The mortise lock device is non-handed except when the following device options are used: -2 (Double Cylinder) or SS (Signal Switch) devices. See Opposite page for available outside trim and functions.

The 9875-F/9975-F devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 9875-F device only. See page 52 for component finishes and the inside cover for finish chips.

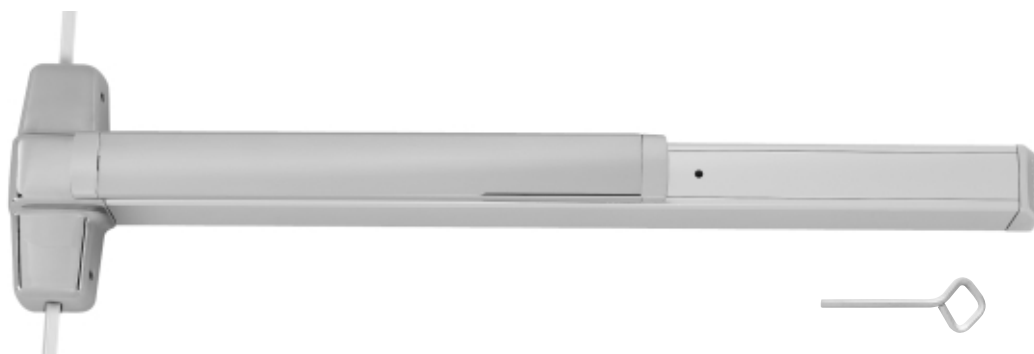
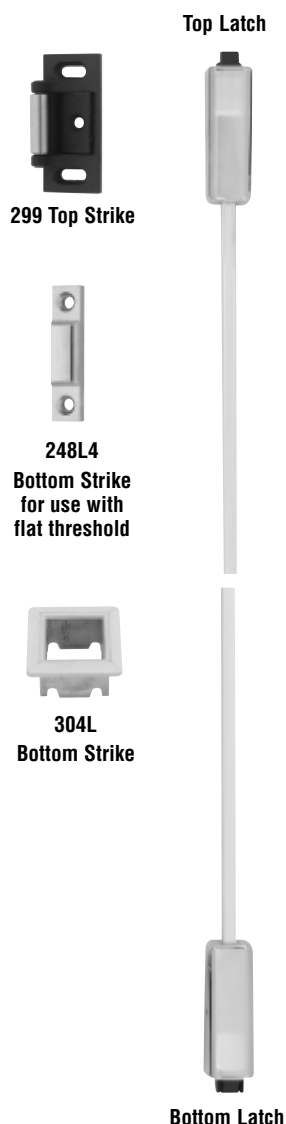
The 7500 Mortise lock is equipped with a 3/4" (19mm) anti-friction latch bolt which is field reversible without removing the lock from the door. It has a non-handed auxiliary bolt for deadlocking and a faceplate with an adjustable bevel.

Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K,or L remove NL drive screw from device		
Device Lengths	3'	2'4" to 3' (711mm to 914 mm)	Door Size
	4'	2'10" to 4' (864 mm to 1219 mm)	Door Size
Strikes	575 – Dull Black Optional Strikes – see page 39		
Dogging Feature	No Mechanical Dogging, EL option available		
Electric Options	RX	Pushpad Monitor Switch	see page 42
	RX2	Double Pushpad Monitor Switch	see page 42
	E	Electric Locking & Unlocking	see page 44
	EL	Electric Latch Retraction	see page 43
	SS	Signal Switch	see page 43
	CX	Chexit Delayed Exit	see page 45
	ALK	Alarm Exit Kit	see page 42
Miscellaneous Options	PN	Pneumatic Latch Retraction	see page 48
	-2	Double Cylinder	see page 48
	GBK	Glass Bead Kit	see page 49
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities Optional SLM Blocking Pkg for wood doors with SLM blocking SNB required for wood doors, unless SLM Blocking Pkg. specified		
Device Centerline from Finished Floor	39 5/8" (1006 mm)		
Center Case Dimensions	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)		
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)		
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)		

See page 53 for How to Order specification

VON DUPRIN® 9827/9927 Surface Mounted Vertical Rod Device



9827/9927 surface mounted vertical rod device for all types of single or double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts. The 9827 device has a smooth mechanism case and the 9927 device has a grooved case. The surface vertical rod device is non-handed except when the following device options are used: SD (Special Dogging), or SS (Signal Switch). See Opposite page for available outside trim and functions.

The 9827/9927 devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 9827 device only. See page 52 for component finishes and the inside cover for finish chips.

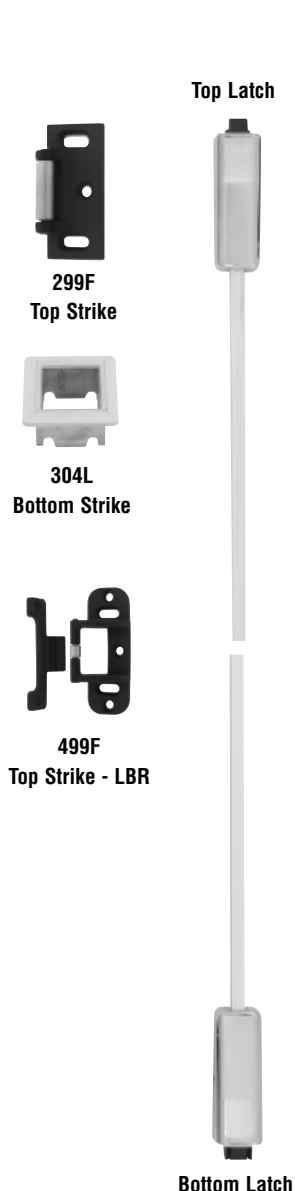
Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors. Refer to page 49

Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K,or L remove NL drive screw from device		
Device Lengths	3' 4'	2'4" to 3' (711mm to 914 mm) Door Size 2'10" to 4' (864 mm to 1219 mm) Door Size	
Strikes	Top - 299 – Dull Black, Bottom – 248L4 & 304L - Unfinished Optional Strikes – see page 39		
Dogging Feature	Hex key dogging standard		
Dogging Options	CD	Cylinder Dogging	see page 48
	SD	Special Center Case Dogging	see page 48
	LD	Less Dogging	see page 48
Electric Options	LX	Latchbolt Monitor Switch	see page 42
	RX	Pushpad Monitor Switch	see page 42
	RX2	Double Pushpad Monitor Switch	see page 42
	EL	Electric Latch Retraction	see page 43
	SS	Signal Switch	see page 43
	CX	Chexit Delayed Exit	see page 45
	ALK	Alarm Exit Kit	see page 42
Miscellaneous Options	PN	Pneumatic Latch Retraction	see page 48
	LBR	Less Bottom Rod	see page 49
	GBK	Glass Bead Kit	see page 49
	PL	Pullman Latch	see page 49
Fasteners & Sex Bolts (SNB)	Includes 1 ¾" (19mm) – 2 ¼" (57mm) Wood & Metal Doors SNB furnished for top & bottom latches Optional SNB available for device, see next page for quantities		
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt, ⅝ " (16mm) throw		
Device Centerline from Finished Floor	39 ⅝" (1006 mm)		
Door Undercut	¼" (7mm)		
Center Case Dimensions	8" x 2 ¾" x 2 ⅜" (203mm x 70mm x 60mm)		
Mechanism Case Dimensions	2 ¼" x 2 ¼" (57mm x 57mm)		
Top & Bottom Latch Case	4 ½" x 2 ⅛" x 1 ½" (114mm x 54mm x 38mm)		
Vertical Rods	½" square tubing, standard rods accommodate 7' (2134mm) door Top rod length is 34 ⅙" (887mm) Bottom rod length is 31 ¼" (794mm) Extension rods available, 1' (205mm) or 3' (914mm) for doors over 7' One piece top rod available for 8' (2438mm) – 10' (3048mm) door		
Projection	Pushbar Neutral – 3 ⅜" (97 mm) Pushbar Depressed – 3 ⅙" (78 mm)		

See page 53 for How to Order specification

VON DUPRIN® 9827-F/9927-F Surface Mounted Vertical Rod Fire Device



9827-F/9927-F fire exit surface mounted vertical rod device pairs of doors up to 8' x 10' (2438mm x 3048mm), UL listed for Fire Exit Hardware. See page 41 for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2001 Grade 1. The 9827-F device has a smooth mechanism case and the 9927-F device has a grooved case. The surface vertical rod device is non-handed except when the following device options are used: SS (Signal Switch). See Opposite page for available outside trim and device functions.

The 9827-F/9927-F devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 9827-F device only. See page 52 for component finishes and the inside cover for finish chips.

Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors. Rod and latch guards can be used on hollow metal or tin clad composite fire doors. Refer to page 49

Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K,or L remove NL drive screw from device	
Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size	
	4' 2'10" to 4' (864 mm to 1219 mm) Door Size	
Strikes	Top – 299F (499F LBR) – Dull Black, Bottom – 304L - Unfinished Optional Strikes – see page 39	
Dogging Feature	No Mechanical Dogging, EL option available	
Electric Options	LX Latchbolt Monitor Switch	see page 42
	RX Pushpad Monitor Switch	see page 42
	RX2 Double Pushpad Monitor Switch	see page 42
	EL Electric Latch Retraction	see page 43
	SS Signal Switch	see page 43
	CX Chexit Delayed Exit	see page 45
	ALK Alarm Exit Kit	see page 42
Miscellaneous Options	PN Pneumatic Latch Retraction	see page 48
	LBR Less Bottom Rod	see page 49
	GBK Glass Bead Kit	see page 49
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors SNB furnished for top & bottom latches Optional SNB available for device, see next page for quantities Optional SLM Blocking Pkg for wood doors with SLM blocking SNB required for wood doors, unless SLM Blocking Pkg specified	
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt, 5/8" (16mm) throw	
Device Centerline from Finished Floor	39 5/8" (1006 mm)	
Door Undercut	1/4" (7mm)	
Center Case Dimensions	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)	
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)	
Top & Bottom Latch Case	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)	
Vertical Rods	1/2" square tubing, standard rods accommodate 7' (2134mm) door Top rod length is 34 15/16" (887mm) Bottom rod length is 31 1/4" (794mm) Extension rods available, 1' (205mm) or 3' (914mm) for doors over 7' One piece top rod available for 8' (2438mm) – 10' (3048mm) door	
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)	

See page 53 for How to Order specification

VON DUPRIN® 9857/9957 Three-Point Latching Device



Top Latch



Bottom Latch

9857/9957 three-point latching device for all types of single or double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts. The 9857 device has a smooth mechanism case and the 9957 device has a grooved case. The three-point latching device is non-handed except when the following device options are used: SD (Special Dogging), or SS (Signal Switch). See Opposite page for available outside trim and functions.

The 9857/9957 devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 9857 device only. See page 52 for component finishes and the inside cover for finish chips.

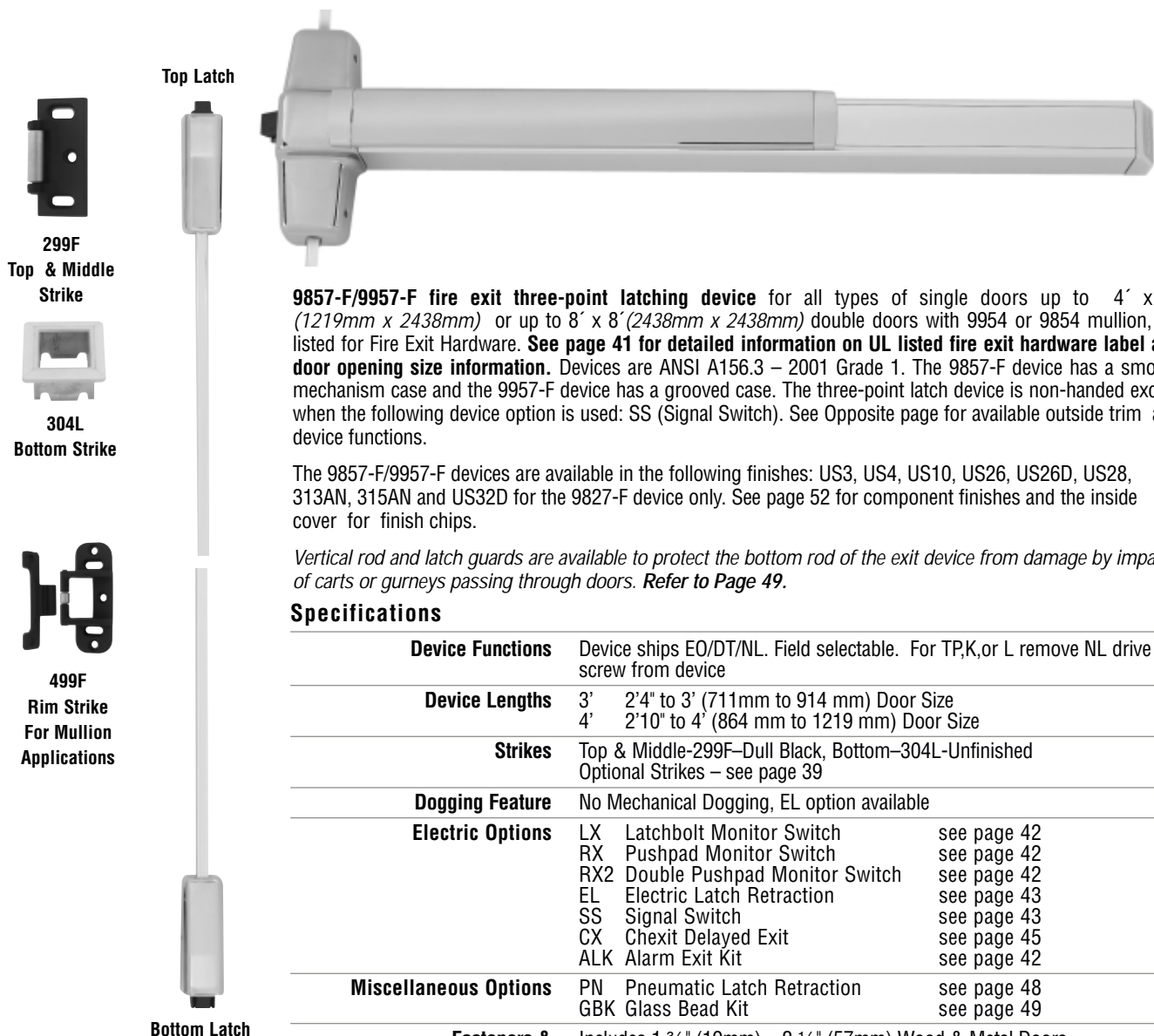
Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors. Refer to Page 49.

Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K,or L remove NL drive screw from device	
Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size	
Strikes	Top & Middle-299-Dull Black, Bottom-248L4 & 304L-Unfinished Optional Strikes – see page 39	
Dogging Feature	Hex key dogging standard	
Dogging Options	CD Cylinder Dogging	see page 48
	SD Special Center Case Dogging	see page 48
	LD Less Dogging	see page 48
Electric Options	LX Latchbolt Monitor Switch	see page 42
	RX Pushpad Monitor Switch	see page 42
	RX2 Double Pushpad Monitor Switch	see page 42
	EL Electric Latch Retraction	see page 43
	SS Signal Switch	see page 43
	CX Chexit Delayed Exit	see page 45
	ALK Alarm Exit Kit	see page 42
Miscellaneous Options	PN Pneumatic Latch Retraction	see page 48
	LBR Less Bottom Rod	see page 49
	GBK Glass Bead Kit	see page 49
Fasteners & Sex Bolts (SNB)	Includes 1 ¾" (19mm) – 2 ¼" (57mm) Wood & Metal Doors SNB furnished for top & bottom latches Optional SNB available for device, see next page for quantities	
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt, ⅝" (16mm) throw Deadlocking Rim Bolt, ¾" (19mm) throw	
Device Centerline from Finished Floor	39 ⅜" (1011 mm)	
Door Undercut	¼" (7mm)	
Center Case Dimensions	8" x 2 ¾" x 2 ⅜" (203mm x 70mm x 60mm)	
Mechanism Case Dimensions	2 ¼" x 2 ¼" (57mm x 57mm)	
Top & Bottom Latch Case	4 ½" x 2 ⅞" x 1 ½" (114mm x 54mm x 38mm)	
Vertical Rods	½" square tubing, standard rods accommodate 7' (2134mm) door Top rod length is 34 ⅝" (887mm) Bottom rod length is 31 ¼" (794mm) Extension rods available, 1' (205mm) or 3' (914mm) for doors over 7' One piece top rod available for 8' (2438mm) – 10' (3048mm) door	
Projection	Pushbar Neutral – 3 ⅜" (97 mm)	
	Pushbar Depressed – 3 ⅛" (78 mm)	

See page 53 for How to Order specification

VON DUPRIN® 9857-F/9957-F Three-Point Latching Fire Device



9857-F/9957-F fire exit three-point latching device for all types of single doors up to 4' x 8' (1219mm x 2438mm) or up to 8' x 8' (2438mm x 2438mm) double doors with 9954 or 9854 mullion, UL listed for Fire Exit Hardware. **See page 41 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3 – 2001 Grade 1. The 9857-F device has a smooth mechanism case and the 9957-F device has a grooved case. The three-point latch device is non-handed except when the following device option is used: SS (Signal Switch). See Opposite page for available outside trim and device functions.

The 9857-F/9957-F devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 9827-F device only. See page 52 for component finishes and the inside cover for finish chips.

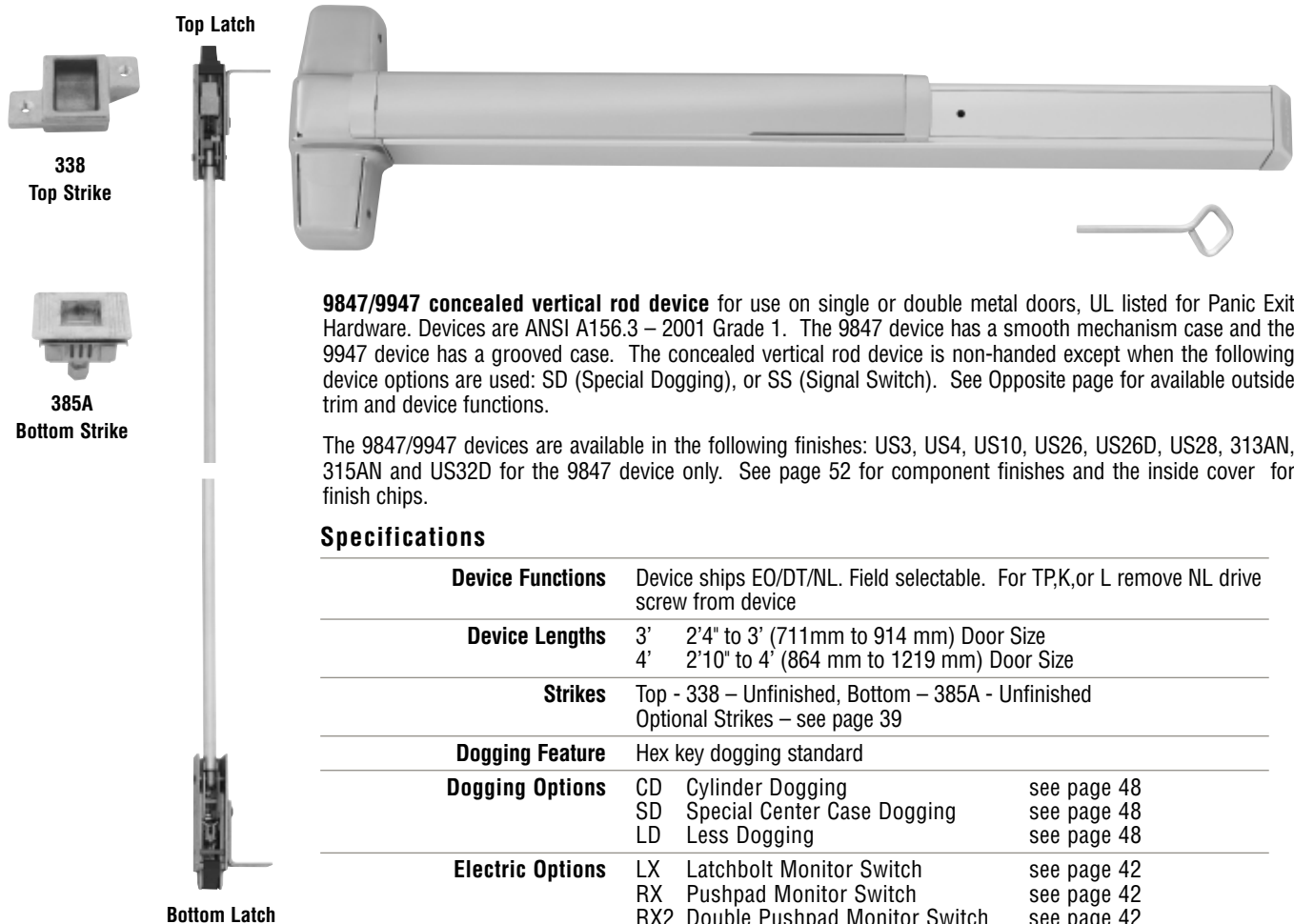
Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors. Refer to Page 49.

Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K,or L remove NL drive screw from device		
Device Lengths	3'	2'4" to 3' (711mm to 914 mm)	Door Size
	4'	2'10" to 4' (864 mm to 1219 mm)	Door Size
Strikes	Top & Middle-299F-Dull Black, Bottom-304L-Unfinished Optional Strikes – see page 39		
Dogging Feature	No Mechanical Dogging, EL option available		
Electric Options	LX	Latchbolt Monitor Switch	see page 42
	RX	Pushpad Monitor Switch	see page 42
	RX2	Double Pushpad Monitor Switch	see page 42
	EL	Electric Latch Retraction	see page 43
	SS	Signal Switch	see page 43
	CX	Chexit Delayed Exit	see page 45
	ALK	Alarm Exit Kit	see page 42
Miscellaneous Options	PN	Pneumatic Latch Retraction	see page 48
	GBK	Glass Bead Kit	see page 49
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors SNB furnished for top & bottom latches Optional SNB available for device, see next page for quantities Optional SLM Blocking Pkg for wood doors with SLM blocking SNB required for wood doors, unless SLM Blocking Pkg specified		
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt, 5/8" (16mm) throw Deadlocking Rim Bolt, 3/4" (19mm) throw		
Device Centerline from Finished Floor	39 13/16" (1011 mm)		
Door Undercut	1/4" (7mm)		
Center Case Dimensions	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)		
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)		
Top & Bottom Latch Case	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)		
Vertical Rods	1/2" square tubing, standard rods accommodate 7' (2134mm) door Top rod length is 34 15/16" (887mm) Bottom rod length is 31 1/4" (794mm) Extension rods available, 1' (205mm) or 3' (914mm) for doors over 7' One piece top rod available for 8' (2438mm) – 10' (3048mm) door		
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)		

See page 53 for How to Order specification

VON DUPRIN® 9847/9947 Concealed Vertical Rod Device



9847/9947 concealed vertical rod device for use on single or double metal doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 9847 device has a smooth mechanism case and the 9947 device has a grooved case. The concealed vertical rod device is non-handed except when the following device options are used: SD (Special Dogging), or SS (Signal Switch). See Opposite page for available outside trim and device functions.

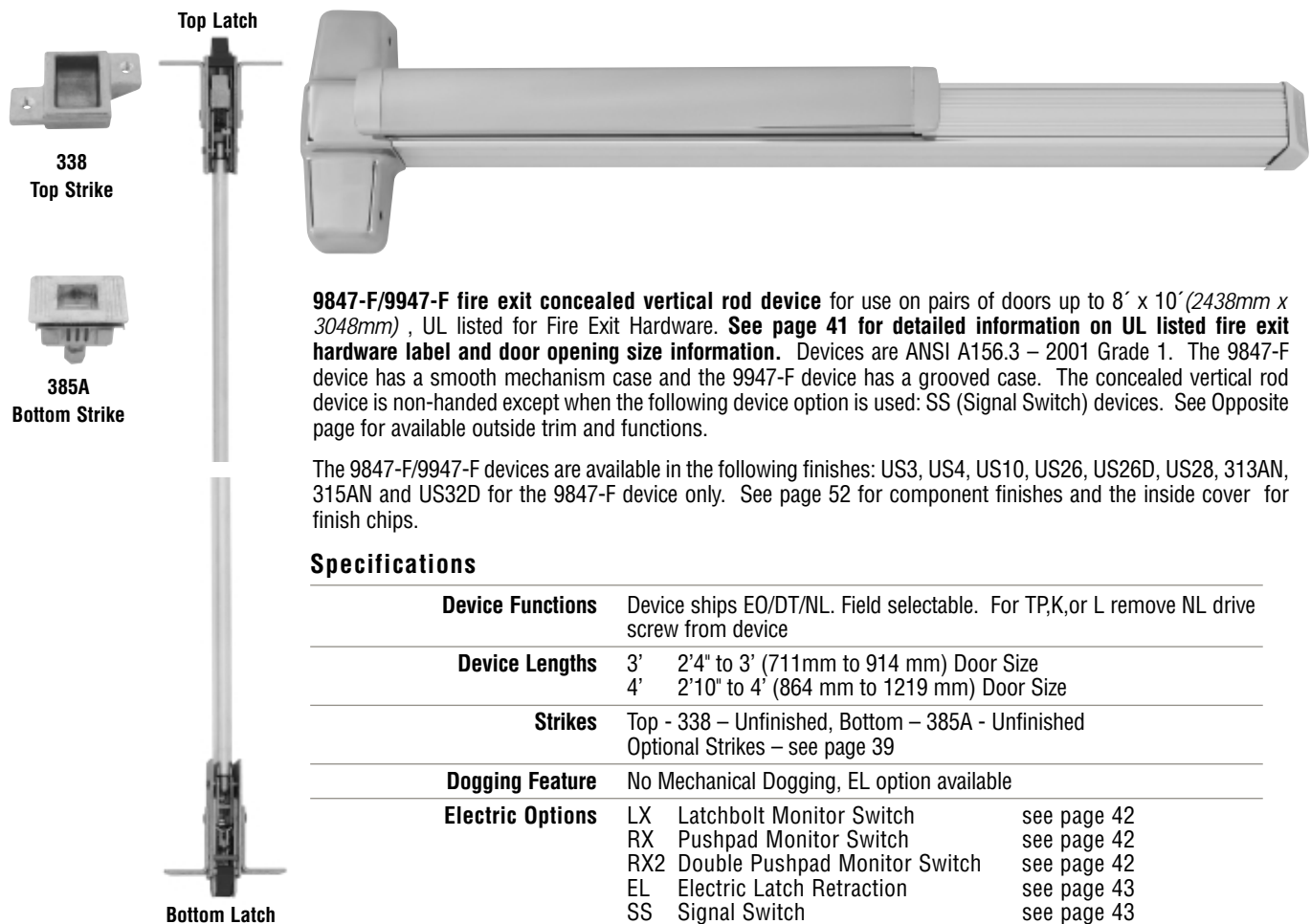
The 9847/9947 devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 9847 device only. See page 52 for component finishes and the inside cover for finish chips.

Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K,or L remove NL drive screw from device	
Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size	
Strikes	Top - 338 – Unfinished, Bottom – 385A - Unfinished Optional Strikes – see page 39	
Dogging Feature	Hex key dogging standard	
Dogging Options	CD Cylinder Dogging	see page 48
	SD Special Center Case Dogging	see page 48
	LD Less Dogging	see page 48
Electric Options	LX Latchbolt Monitor Switch	see page 42
	RX Pushpad Monitor Switch	see page 42
	RX2 Double Pushpad Monitor Switch	see page 42
	EL Electric Latch Retraction	see page 43
	SS Signal Switch	see page 43
	CX Chexit Delayed Exit	see page 45
Miscellaneous Options	ALK Alarm Exit Kit	see page 42
	PN Pneumatic Latch Retraction	see page 48
	LBR Less Bottom Rod	see page 49
	GBK Glass Bead Kit	see page 49
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities	
	Latch Bolt Deadlocking Top & Bottom Bolt, 5/8" (16mm) throw	
Device Centerline from Finished Floor	39 5/8" (1006 mm) Standard, Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)	
Door Undercut	1/4" (7mm) maximum	
Center Case Dimensions	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)	
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)	
Top & Bottom Latch Case	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)	
Vertical Rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4"(2533mm) Bottom rod adjustable 35 5/8" (905 mm) to 49 5/8" (1260 mm) Extension rod kits available for doors over 8'4" (2533mm)	
Projection	Pushbar Neutral – 3 13/16" (97 mm)	
	Pushbar Depressed – 3 1/16" (78 mm)	

See page 53 for How to Order specification

VON DUPRIN® 9847-F/9947-F Concealed Vertical Rod Fire Device



9847-F/9947-F fire exit concealed vertical rod device for use on pairs of doors up to 8' x 10' (2438mm x 3048mm) , UL listed for Fire Exit Hardware. **See page 41 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3 – 2001 Grade 1. The 9847-F device has a smooth mechanism case and the 9947-F device has a grooved case. The concealed vertical rod device is non-handed except when the following device option is used: SS (Signal Switch) devices. See Opposite page for available outside trim and functions.

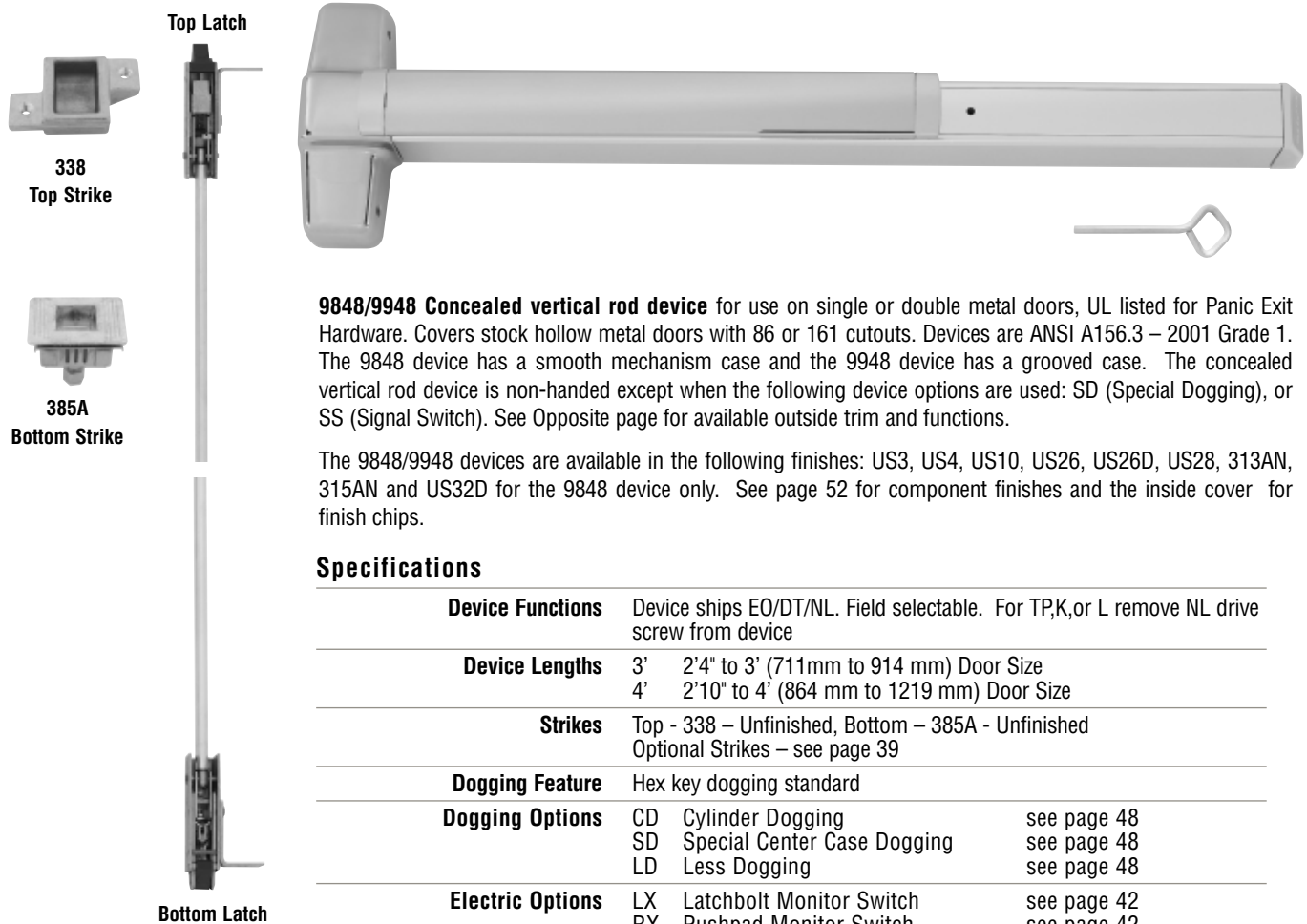
The 9847-F/9947-F devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 9847-F device only. See page 52 for component finishes and the inside cover for finish chips.

Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K,or L remove NL drive screw from device	
Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size	
Strikes	Top - 338 – Unfinished, Bottom – 385A - Unfinished Optional Strikes – see page 39	
Dogging Feature	No Mechanical Dogging, EL option available	
Electric Options	LX Latchbolt Monitor Switch	see page 42
	RX Pushpad Monitor Switch	see page 42
	RX2 Double Pushpad Monitor Switch	see page 42
	EL Electric Latch Retraction	see page 43
	SS Signal Switch	see page 43
	CX Chexit Delayed Exit	see page 45
	ALK Alarm Exit Kit	see page 42
Miscellaneous Options	PN Pneumatic Latch Retraction	see page 48
	LBR Less Bottom Rod	see page 49
	GBK Glass Bead Kit	see page 49
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities Optional SLM Blocking Pkg for wood doors with SLM blocking SNB required for wood doors, unless SLM Blocking Pkg specified	
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt, 5/8" (16mm) throw	
Device Centerline from Finished Floor	39 5/8" (1006 mm) Standard, Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)	
Door Undercut	1/4" (7mm) maximum	
Center Case Dimensions	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)	
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)	
Top & Bottom Latch Case	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)	
Vertical Rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4"(2533mm) Bottom rod adjustable 35 5/8" (905 mm) to 49 5/8" (1260 mm) Extension rod kits available for doors over 8'4" (2533mm)	
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)	

See page 53 for How to Order specification

VON DUPRIN® 9848/9948 Concealed Vertical Rod Device



9848/9948 Concealed vertical rod device for use on single or double metal doors, UL listed for Panic Exit Hardware. Covers stock hollow metal doors with 86 or 161 cutouts. Devices are ANSI A156.3 – 2001 Grade 1. The 9848 device has a smooth mechanism case and the 9948 device has a grooved case. The concealed vertical rod device is non-handed except when the following device options are used: SD (Special Dogging), or SS (Signal Switch). See Opposite page for available outside trim and functions.

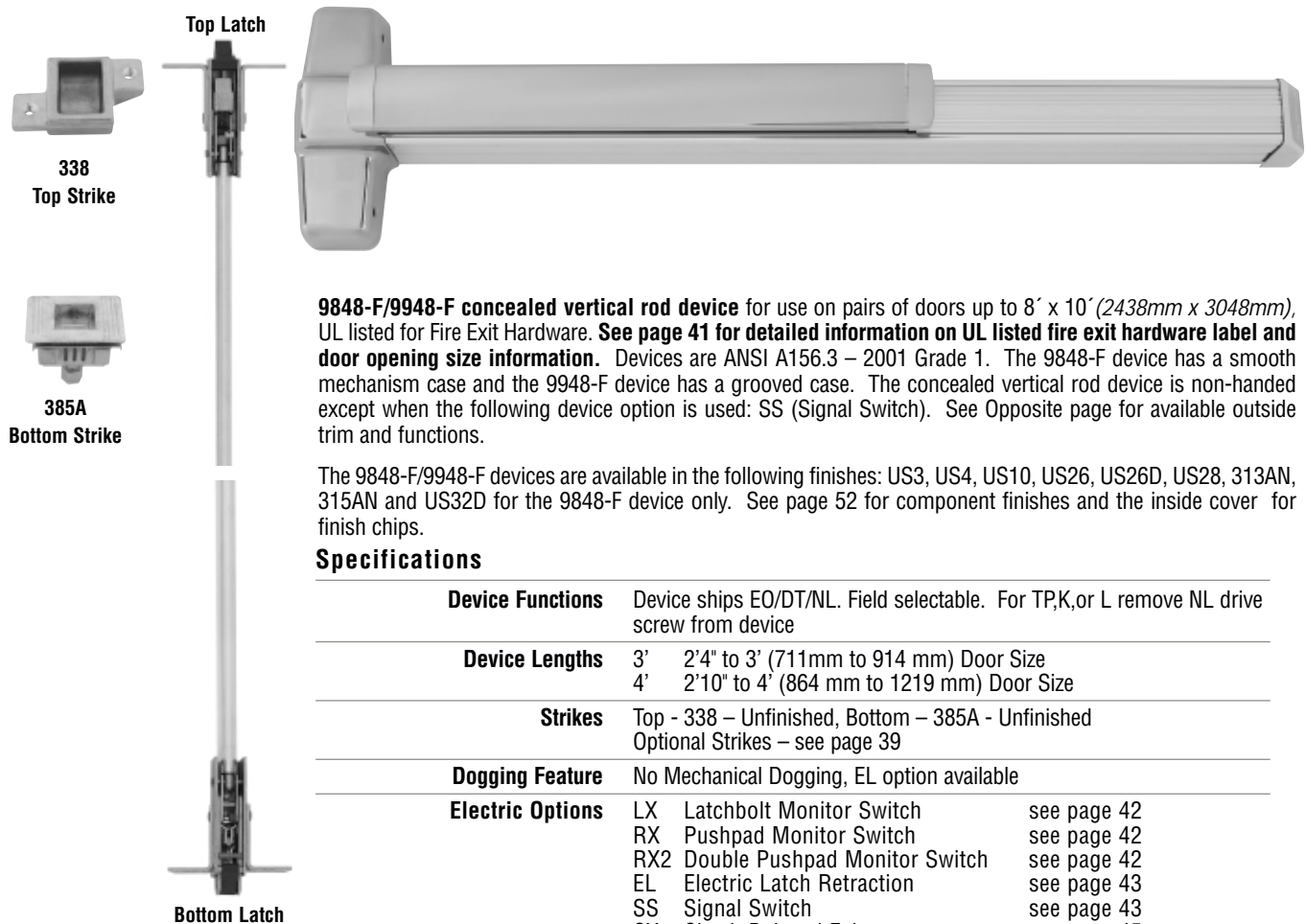
The 9848/9948 devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 9848 device only. See page 52 for component finishes and the inside cover for finish chips.

Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K,or L remove NL drive screw from device	
Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size	
Strikes	Top - 338 – Unfinished, Bottom – 385A - Unfinished Optional Strikes – see page 39	
Dogging Feature	Hex key dogging standard	
Dogging Options	CD Cylinder Dogging	see page 48
	SD Special Center Case Dogging	see page 48
	LD Less Dogging	see page 48
Electric Options	LX Latchbolt Monitor Switch	see page 42
	RX Pushpad Monitor Switch	see page 42
	RX2 Double Pushpad Monitor Switch	see page 42
	EL Electric Latch Retraction	see page 43
	SS Signal Switch	see page 43
	CX Chexit Delayed Exit	see page 45
	ALK Alarm Exit Kit	see page 42
Miscellaneous Options	PN Pneumatic Latch Retraction	see page 48
	GBK Glass Bead Kit	see page 49
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities	
Latch Bolt	Deadlocking Top Bolt, 3/4" (19mm) throw Deadlocking Bottom Bolt, 1 1/2" (38mm) throw	
Device Centerline from Finished Floor	39 5/8" (1006 mm) Standard, Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)	
Door Undercut	1/4" (7mm) maximum	
Center Case Dimensions	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)	
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)	
Top & Bottom Latch Case	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)	
Vertical Rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4"(2533mm) Bottom rod adjustable 35 5/8" (905 mm) to 49 5/8" (1260 mm) Extension rod kits available for doors over 8'4" (2533mm)	
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)	

See page 53 for How to Order specification

VON DUPRIN® 9848-F/9948-F Concealed Vertical Rod Fire Device



9848-F/9948-F concealed vertical rod device for use on pairs of doors up to 8' x 10' (2438mm x 3048mm), UL listed for Fire Exit Hardware. **See page 41 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3 – 2001 Grade 1. The 9848-F device has a smooth mechanism case and the 9948-F device has a grooved case. The concealed vertical rod device is non-handed except when the following device option is used: SS (Signal Switch). See Opposite page for available outside trim and functions.

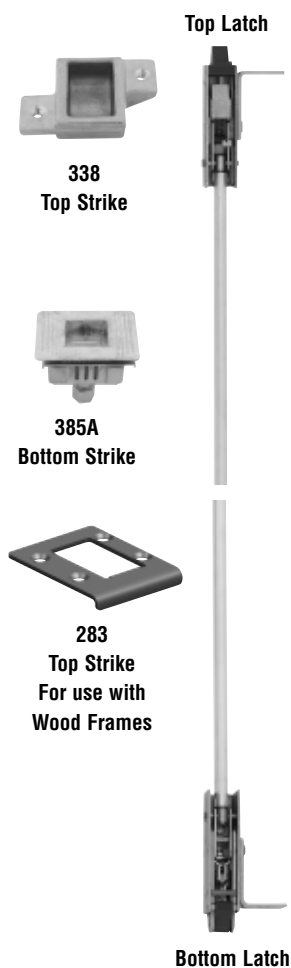
The 9848-F/9948-F devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 9848-F device only. See page 52 for component finishes and the inside cover for finish chips.

Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K,or L remove NL drive screw from device	
Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size	
	4' 2'10" to 4' (864 mm to 1219 mm) Door Size	
Strikes	Top - 338 – Unfinished, Bottom – 385A - Unfinished Optional Strikes – see page 39	
Dogging Feature	No Mechanical Dogging, EL option available	
Electric Options	LX Latchbolt Monitor Switch	see page 42
	RX Pushpad Monitor Switch	see page 42
	RX2 Double Pushpad Monitor Switch	see page 42
	EL Electric Latch Retraction	see page 43
	SS Signal Switch	see page 43
	CX Chexit Delayed Exit	see page 45
	ALK Alarm Exit Kit	see page 42
Miscellaneous Options	PN Pneumatic Latch Retraction	see page 48
	GBK Glass Bead Kit	see page 49
Fasteners & Sex Bolts (SNB)	Includes 1 ¾" (19mm) – 2 ¼" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities Optional SLM Blocking Pkg for wood doors with SLM blocking SNB required for wood doors, unless SLM Blocking Pkg specified	
Latch Bolt	Deadlocking Top Bolt, ¾" (19mm) throw Deadlocking Bottom Bolt, 1 ½" (38mm) throw	
Device Centerline from Finished Floor	39 5/8" (1006 mm) Standard, Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)	
Door Undercut	¼" (7mm) maximum	
Center Case Dimensions	8" x 2 ¾" x 2 ¾" (203mm x 70mm x 60mm)	
Mechanism Case Dimensions	2 ¼" x 2 ¼" (57mm x 57mm)	
Top & Bottom Latch Case	4 ½" x 2 1/8" x 1 ½" (114mm x 54mm x 38mm)	
Vertical Rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4"(2533mm) Bottom rod adjustable 35 5/8" (905 mm) to 49 5/8" (1260 mm) Extension rod kits available for doors over 8'4" (2533mm)	
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)	

See page 53 for How to Order specification

VON DUPRIN® 9847/9947 Wood Door Concealed Vertical Rod Device



9847WDC/9947WDC concealed vertical rod device for use on single or double wood doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 9847WDC device has a smooth mechanism case and the 9947WDC device has a grooved case. The concealed vertical rod device is non-handed except when the following device options are used: SD (Special Dogging), or SS (Signal Switch). See Opposite page for available outside trim and functions.

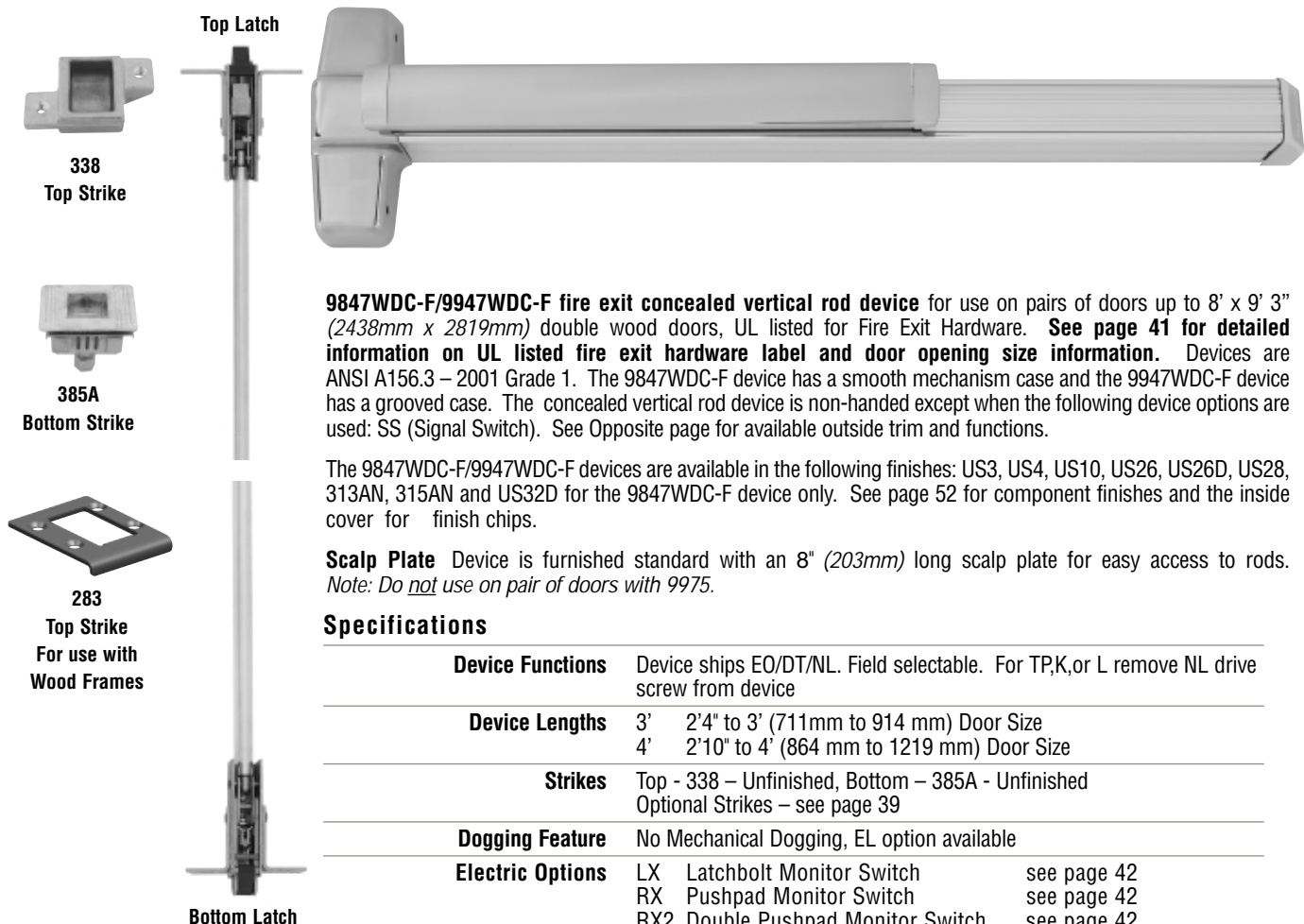
The 9847WDC/9947WDC devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 9847WDC device only. See page 52 for component finishes and the inside cover for finish chips.

Scalp Plate Device is furnished standard with an 8" (203mm) long scalp plate for easy access to rods.
Note: Do not use on pair of doors with 9975.

Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K,or L remove NL drive screw from device	
Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size	
Strikes	Top - 338 – Unfinished, Bottom – 385A - Unfinished Optional Strikes – see page 39	
Dogging Feature	Hex key dogging standard	
Dogging Options	CD Cylinder Dogging	see page 48
	SD Special Center Case Dogging	see page 48
	LD Less Dogging	see page 48
Electric Options	LX Latchbolt Monitor Switch	see page 42
	RX Pushpad Monitor Switch	see page 42
	RX2 Double Pushpad Monitor Switch	see page 42
	EL Electric Latch Retraction	see page 43
	SS Signal Switch	see page 43
	CX Chexit Delayed Exit	see page 45
	ALK Alarm Exit Kit	see page 42
Miscellaneous Options	PN Pneumatic Latch Retraction	see page 48
	GBK Glass Bead Kit	see Page 49
	PL Pullman Latch	see page 49
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities	
Latch Bolt	Deadlocking Top & Bottom Bolt, 5/8" (16mm) throw	
Device Centerline from Finished Floor	39 5/8" (1006 mm) Standard, Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)	
Door Undercut	1/4" (7mm) maximum	
Center Case Dimensions	8" x 2 3/4" x 2 3/8" (203mm x 70mm x 60mm)	
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)	
Top & Bottom Latch Case	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)	
Vertical Rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4"(2533mm) Bottom rod adjustable 35 5/8" (905 mm) to 49 5/8" (1260 mm) Extension rod kits available for doors over 8'4" (2533mm)	
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)	

See page 53 for How to Order specification



9847WDC-F/9947WDC-F fire exit concealed vertical rod device for use on pairs of doors up to 8' x 9' 3" (2438mm x 2819mm) double wood doors, UL listed for Fire Exit Hardware. **See page 41 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3 – 2001 Grade 1. The 9847WDC-F device has a smooth mechanism case and the 9947WDC-F device has a grooved case. The concealed vertical rod device is non-handed except when the following device options are used: SS (Signal Switch). See Opposite page for available outside trim and functions.

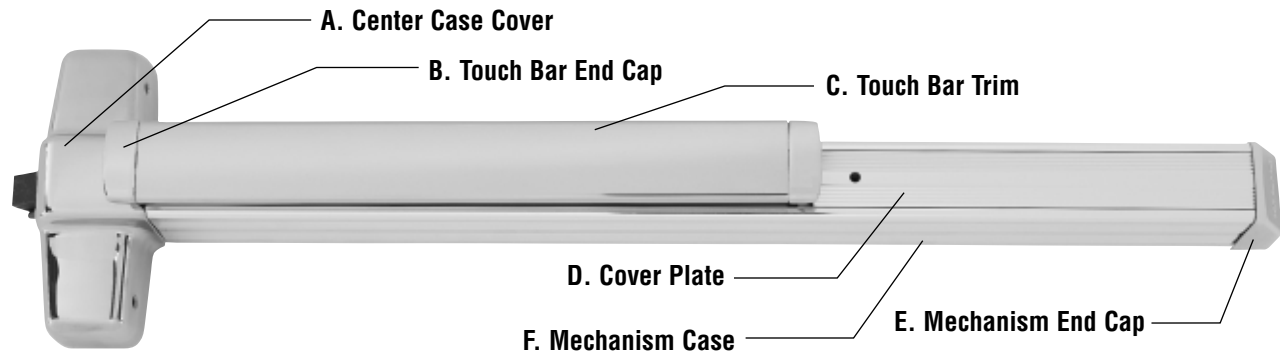
The 9847WDC-F/9947WDC-F devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 9847WDC-F device only. See page 52 for component finishes and the inside cover for finish chips.

Scalp Plate Device is furnished standard with an 8" (203mm) long scalp plate for easy access to rods. *Note: Do not use on pair of doors with 9975.*

Specifications

Device Functions	Device ships EO/DT/NL. Field selectable. For TP,K,or L remove NL drive screw from device	
Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size	
Strikes	Top - 338 – Unfinished, Bottom – 385A - Unfinished Optional Strikes – see page 39	
Dogging Feature	No Mechanical Dogging, EL option available	
Electric Options	LX Latchbolt Monitor Switch	see page 42
	RX Pushpad Monitor Switch	see page 42
	RX2 Double Pushpad Monitor Switch	see page 42
	EL Electric Latch Retraction	see page 43
	SS Signal Switch	see page 43
	CX Chexit Delayed Exit	see page 45
	ALK Alarm Exit Kit	see page 42
Miscellaneous Options	PN Pneumatic Latch Retraction	see page 48
	LBR Less Bottom Rod	see page 49
	GBK Glass Bead Kit	see page 49
Fasteners & Sex Bolts (SNB)	Includes 1 ¾" (19mm) – 2 ¼" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities Optional SLM Blocking Pkg for wood doors with SLM blocking SNB required for wood doors, unless SLM Blocking Pkg specified	
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt, ⅝" (16mm) throw	
Device Centerline from Finished Floor	39 ⅝" (1006 mm) Standard, Adjustable from 35 ⅝" (905mm) to 49 ⅝" (1260mm)	
Door Undercut	¼" (7mm) maximum	
Center Case Dimensions	8" x 2 ¾" x 2 ⅝" (203mm x 70mm x 60mm)	
Mechanism Case Dimensions	2 ¼" x 2 ¼" (57mm x 57mm)	
Top & Bottom Latch Case	4 ½" x 2 1/8" x 1 ½" (114mm x 54mm x 38mm)	
Vertical Rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4"(2533mm) Bottom rod adjustable 35 ⅝" (905 mm) to 49 ⅝" (1260 mm) Extension rod kits available for doors over 8'4" (2533mm)	
Projection	Pushbar Neutral – 3 ⅜" (97 mm) Pushbar Depressed – 3 ⅜" (78 mm)	

See page 53 for How to Order specification



Finishes

Color	US Number	BHMA Number	A, B, E	C	D & F
Brass, Polished	US3	605	Plated	Brass, Polished US3, 605	Buffed Anodized
Brass, Satin	US4	606	Plated	Brass, Dull US4, 606	Anodized
Bronze, Satin	US10	612	Plated/Anodized	Bronze, Dull US10, 612	Anodized
Chrome, Polished	US26	625	Plated	Stainless Steel, Polished US32, 629	Buffed Anodized
Chrome, Satin	US26D	626	Plated	Stainless Steel, Satin US32D, 630	Anodized
Stainless Steel, Satin*	US32D	630	Stainless Steel	Stainless Steel, Satin US32D, 630	Anodized
Aluminum, Anodized	US28	628	Powder Coat	Stainless Steel, Satin US32D, 630	Anodized
Duranodic Dark Bronze	313AN	710	Powder Coat	Brown Wrinkle Powder Coat	Anodized
Black Anodized	315AN	—	Powder Coat	Black Wrinkle Powder Coat	Anodized

Special Finishes

Color	US Number	BHMA Number	A, B, E	C	D & F
Bronze, Oil-Rubbed Satin	US10B	613	Plated	Bronze, US10B, 613	Anodized
Powder Coat	RAL #	—	Powder Coat	Stainless Steel, Satin US32D, 630	Powder Coat
Bronze, Polished	US9	611	Plated	Bronze, Polished US9, 611	Buffed Anodized
Nickel, Satin	US15	619	Plated	Stainless Steel, Satin US32D	Anodized

Touch Bar Trim Options:

Knurled

Embossed “Push”

Braille, US32D Only, Embossed “Caution Stairwell”

SS, US32D Only, Red silk screen lettered “EMERGENCY EXIT ONLY – PUSH TO OPEN AND SOUND ALARM.”

**US32D Finish—available on Series 98 only*

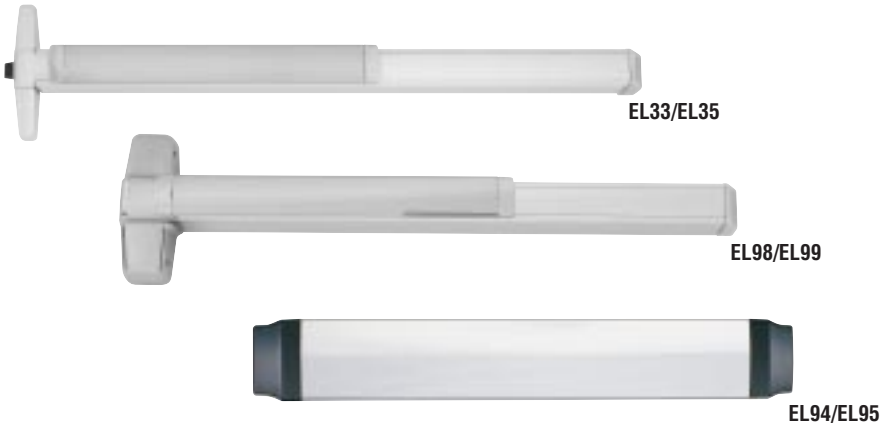
VON DUPRIN® Electric Latch Retraction EL

The EL electric latch retraction feature provides remote unlocking ability to exit devices. The feature is available with 33, 35, 94, 95, 98 and 99 series devices, rim, mortise and vertical rod. A control station operator can flip a switch to retract the latch bolt and immediately change an exit only or latched door to push-pull operation. A powerful, continuous duty solenoid retracts the latch bolt...for momentary unlocking, or for extended periods of time, in lieu of 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**.

This feature does not include the power transfer from door to frame, nor the power supply or control operator. (Refer to page 25 for the EPT-2 electric power transfer, and to page 24 for the PS-873 Power Supply).

Resistance - New Style 1987 and after
GRN-YEL 1.2-2 OHMS
GRN-ORN 135-150 OHMS



Rim device shown — Refer to 33/35, 98/99 or 94/95 Series catalog for complete product information, mounting styles, outside trim, finishes, etc.

Minimum Door Width: 3' (914mm)
device—2' 6" (762mm), 4' (1219mm)
device—3' 0" (914mm)

UL listed FVSR SA163 panic hardware and/or GXHX R4504(N) fire exit hardware. Consult Device catalog for Fire Rated Models.

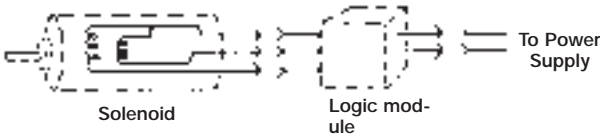


Supplied with 3' (914mm) Cable at the hinge side of door.

SPECIFICATIONS

Solenoid	
Continuous Duty	24VDC
Current Inrush (300 milliseconds)	16 amperes
Current Holding (33/35 + 98/99)	0.3 ampere
Current Holding (Impact)	0.5 ampere

Caution: Power supply must be a PS873-2 minimum.



NOTE: Requirements for field wiring between door frame and Power Supply (See page 23). Up to 100 Ft. - 14 gage. Over to 100 Ft. - 12 gage.

VON DUPRIN® Electric Device E

The E98/E99 electric rim device provides remote unlocking capabilities. A control station operator can flip a switch to lock or unlock the outside trim. The 24VDC solenoid assembly contains a SPDT (single pole double throw) signal switch to monitor the outside trim (locked or unlocked). A second switch monitors the latchbolt position.

The device is standard as fail safe (FS). When power is off, the trim is unlocked. The trim may then be relocked electrically (by applying power). The device is field convertible for fail secure (FSE) applications.

The outside trim cylinder retracts the latchbolt for mechanical override.

Note: Some Fire codes will require "Fail Safe" (FS) operation for stairwell doors. Be sure to specify the correct operation for your application.



E98/E99

Rim device shown — Refer to 33/35 or 98/99 Series catalog for complete product information, mounting styles, outside trim, finishes, etc.

SPECIFICATIONS

Solenoid — 24VDC, 0.25 ampere

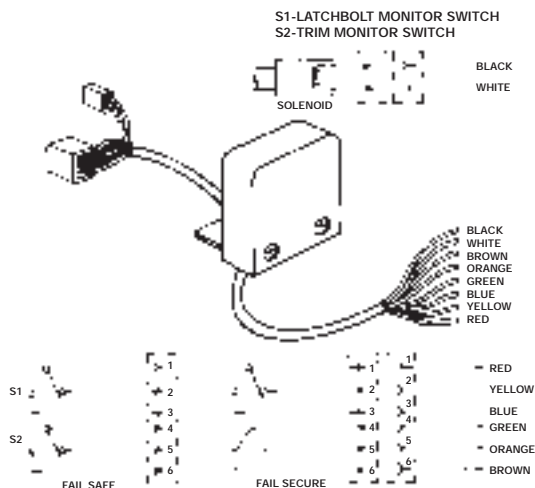
Each switch — rated 0.3 ampere, 24VDC

Refer to page 25 for power transfers and page 24 for power supplies.

UL listed FVSR SA163 panic hardware and GXHX R4504(N) fire exit hardware.



Supplied with 3' (914mm) Cable at the hinge side of door.



WIRING SHOWN WITH TRIM LOCKED AND LATCHBOLT EXTENDED

VON DUPRIN® Signal Switch RX and LX

The RX (request to exit) signal switch feature is used to signal the use of an opening from the push side. When the push pad is depressed, the switch is activated. These devices are equipped with an internal SPDT (single pole double throw) switch which monitors the touch bar.

The LX (latchbolt monitoring) signal switch monitors both egress and access of an opening. When the latchbolt is retracted, the switch is activated. These devices are equipped with an internal SPDT (single pole double throw) switch which monitors the latchbolt position.

The device can be connected to a security console, or may be used as a single door alarm, when used with a horn and power supply. A continuous current electric transfer must be used for transferring power from the frame to the door.

Most other electrical functions (EL, E) may be combined with the RX or LX feature.

RX and LX switches are available for factory or field installation.



LX33/LX35
RX33/RX35



LX98/LX99
RX98/RX99

Rim device shown — Refer to 33/35 or 98/99 Series catalog for complete product information, mounting styles, outside trim, finishes, etc.

SPECIFICATIONS

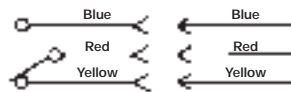
Switch rated 10 amperes @ 24VAC/
DC resistive

When used with inductive or capacitive loads, switch capacity will deteriorate.

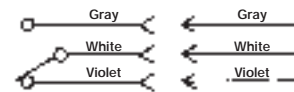
UL listed FVSR SA163 panic hardware and/or GXHX R4504(N) fire exit hardware — consult device catalog for complete device listing information.



Supplied with 3' (914mm) Cable at the hinge side of door.



RX Switch 3' (914mm) Cord



LX Switch 3' (914mm) Cord

VON DUPRIN® Signal Switch SS

The SS signal switch feature is used to signal the unauthorized use of an opening. Available in rim, mortise and vertical rod, these devices are equipped with two internal SPDT (single pole double throw) switches. One switch monitors both the touch bar and the latch bolt assembly, making the latch bolt tamper resistant, for positive security. An additional SPDT switch is connected to the 1¼" (32mm) mortise cylinder (cylinder not furnished) for alarm "bypass" (momentary switch — not time delay).

The device can be connected to a security console, or may be used as a single door alarm, when used with a horn and power supply. A continuous current electric transfer must be used for transferring power from the frame to the door.

SS mortise lock devices are furnished with both signal switch device and **SS7500** mortise lock, total of four switches.

The SS7500 mortise lock has the versatility and advantages of the 7500 lock with the addition of signalling functions to monitor latch bolt operation and trim locking function.

Emergency Exit Push to open and sound alarm.



Rim device shown — Refer to 33/35 or 98/99 Series catalog for complete product information, mounting styles, outside trim, finishes, etc.

Minimum Door Width: 3' (914mm)
device—2'6" (762mm), 4' (1219mm)
device—3'0" (914mm)

UL listed FVSR SA163 panic hardware and/or GXHX R4504(N) fire exit hardware — consult device catalog for complete device listing information.

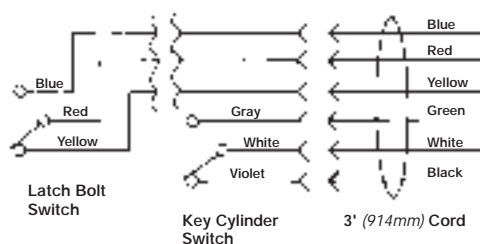
Actual device length will vary depending on device type, strike being used, stop height, single or double door, etc.

SPECIFICATIONS

Each switch rated 0.5 ampere 24VDC



Supplied with 3' (914mm) Cable at the hinge side of door.

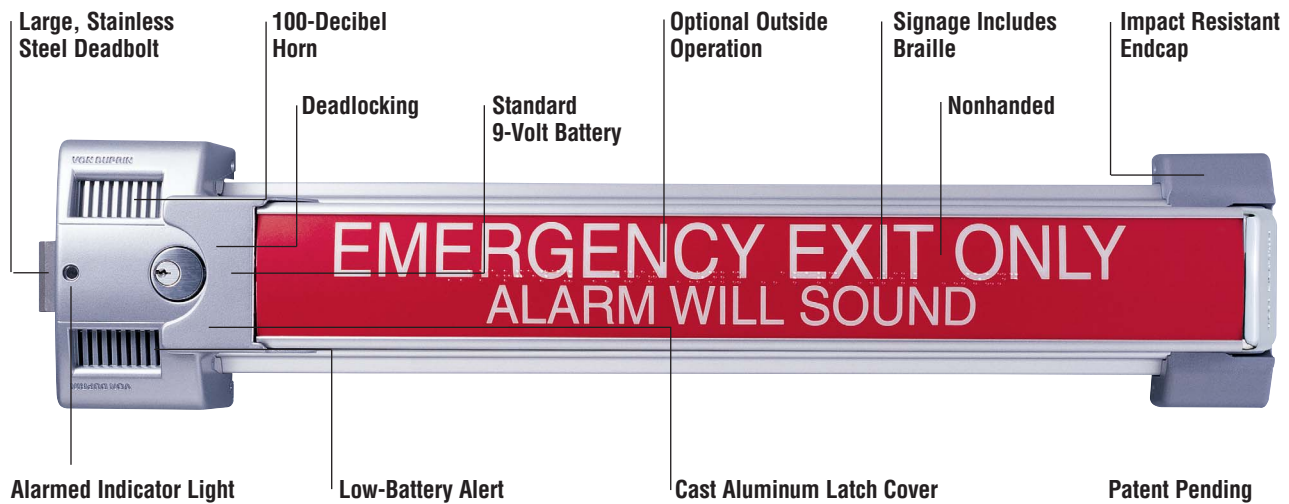


VON DUPRIN®

GUARD-X Exit Alarm Lock



Security & Safety
Proven Source. Proven Solutions.™



GUARD-X provides secure, alarmed code-compliant protection for secondary exits.

GUARD-X exit alarm lock readily identifies the door on which it is mounted as an emergency exit and secures the opening against unauthorized use. It is ideal for deterring theft in restaurants and retail establishments such as: discount stores, grocery stores, drug stores, clothing stores and sporting goods stores.

Heavy-Duty Design

The new Series 2670 Exist Alarm Lock provides secure protection through a large stainless steel deadbolt, which is 2" x 1/2" (51mm x 13mm) and has over a 3/4" (19mm) throw. The engagement area into the strike is over 1-1/4 (32mm) square inches. The cast aluminum latch case protects the internal mechanism and resists tampering or vandalism from inside the door. This unit has been tested to withstand up to 1600 pounds of static load force against the door.

Security

GUARD-X does not allow relatching or resetting the alarm after an unauthorized exit, other than by an authorized person with a key. A 100-decibel alarm provides a clear, attention-getting warning for an unauthorized exit or attempted exit. The armed indicator light informs the owner that the alarm is armed, and an audible low-battery alert signals the owner to replace the battery when necessary.

Compliance

GUARD-X complies with the NFPA 101® Life Safety Code "the actuating portion of which extends across at least one half of the door leaf." It is UL listed for Panic Exit Hardware (UL305) including the ends of the crossbar or push pad shall curve, guard, or are otherwise designed to prevent catching on the clothing of persons during exit" for use on Emergency Exit applications, and tested in accordance to ANSI A156.3 Grade 1 Panic Hardware (250,000 cycles).

Installation takes just a few minutes with an easy-to-use adhesive back template. The product's nonhanded design means the installer can mount it for either hand by just removing and reversing the "Emergency Exit — Alarm Will Sound" sign built into the device. The standard warning sign is in English with Braille; French and Spanish are available.

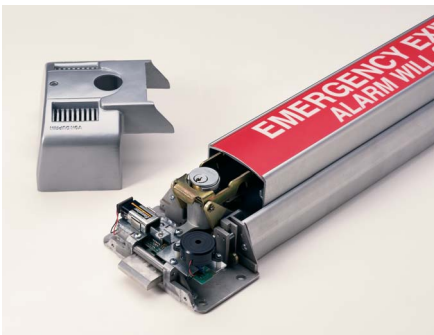
Operation and Outside Trim

GUARD-X is armed and disarmed by key, using a standard rim cylinder. For owner convenience, it can be operated from the building exterior by a standard rim cylinder, so an authorized user can easily arm and disarm it to enter or exit the building when required. When using exterior operation, a pull trim is recommended, use 210DT or 230DT. Rim cylinders are not furnished and must be ordered separately.

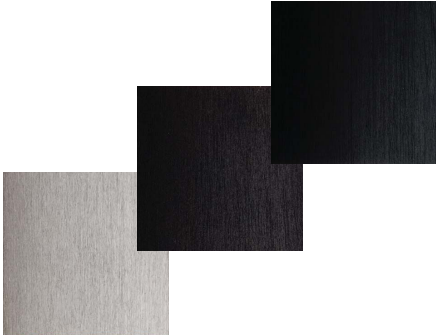
A standard 9-volt battery powers the alarm. An exterior 9-volt power supply is available, Model PT-790, a 120VAC plug-in. When using the external power supply, the 9-volt battery functions as a battery backup during a power failure.



Large 2" x 1/2" stainless steel deadbolt provides maximum security. A Standard rim cylinder is used to arm or disarm lock.



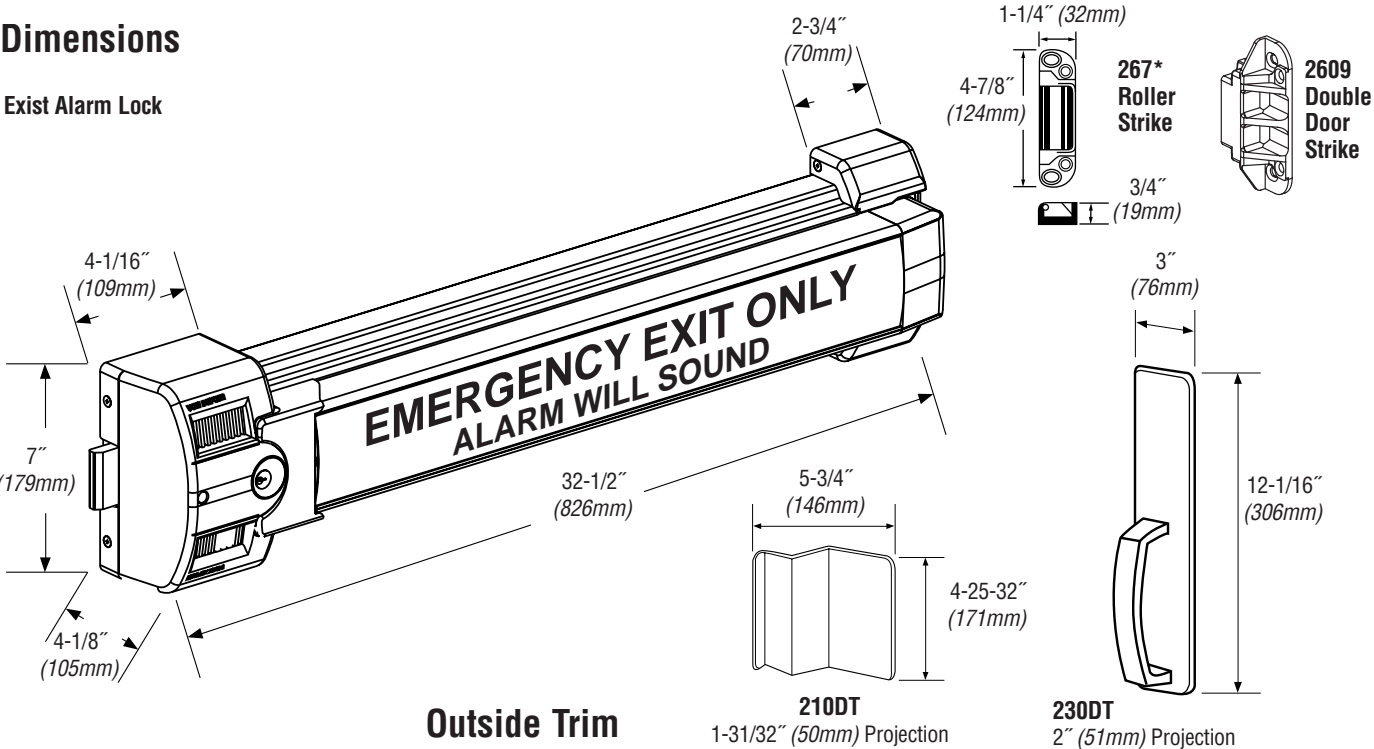
Heavy-duty construction provides long service life.



Three finishes available, including aluminum (US28), anodized duranodic dark bronze (313AN/710) and anodized black (315AN).

Dimensions

Exist Alarm Lock



Touchbar height to finished floor	40" (1016mm) at center
Door width range	36" (914mm) to 48" (1219mm)
Touchbar projection —	
neutral	4-1/8" (103mm)
depressed	2-3/4" (70mm)
Latch case housing	7" (179mm) x 4-1/16" (103mm) x 4-1/8" (105mm)
Device length	32-1/2" (826mm)

Finishes — US28 (Aluminum), 313AN (Duranodic Brown), 315AN (Black)

How-To Order

- 1. Model number 2670 (includes strike, screw pack and battery)
- 2. Finish — US28, 313AN or 315AN
- 3. French or Spanish sign, when required. English with Braille is standard.

Accessories

- 4. Sex nuts and bolts (6 #325) — when required
- 5. PT790 9-volt External Power Supply — when required
- 6. 210DT x 050140 or 230DT x 050140 — when required
- 7. 3216 Rim Cylinder, when required

*2609 double door strike available.

VON DUPRIN®

GUARD-X Exit Alarm Lock

International Offices

Canada / Latin America

IR Security & Safety
1076 Lakeshore Road East
Mississauga, Ontario,
L5E 1E4, Canada
(905) 403-1800
(905) 278-1413 FAX
(877) 590-4734

North-East Asia

IR Security & Safety
23/F, 625 King's Road
Northpoint, Hong Kong
+(852) 2235-0600
+(852) 2565-1409 FAX

South-East Asia / Australia / NZ

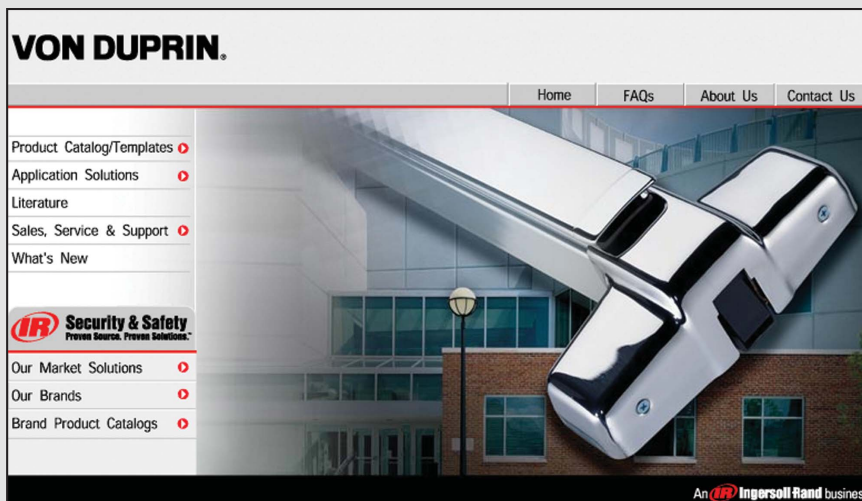
IR Architectural Hardware Ltd.
P.O. Box 19-347
437 Rosebank Road,
Avondale, Auckland, New Zealand
+64 (0) 9-829-0550
+64 (0) 9-829-0552 FAX
www.irarchitecturalhardware.co.nz

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Visit Von Duprin on the web
www.vonduprin.com
or contact an
IR Security & Safety Consultant
1-877-840-3621



VON DUPRIN

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2720 Tobey Dr.
Indianapolis, IN 46219
317-613-8944
317-613-8302 Fax

Customer Service
800-999-0408
800-999-0328 Fax

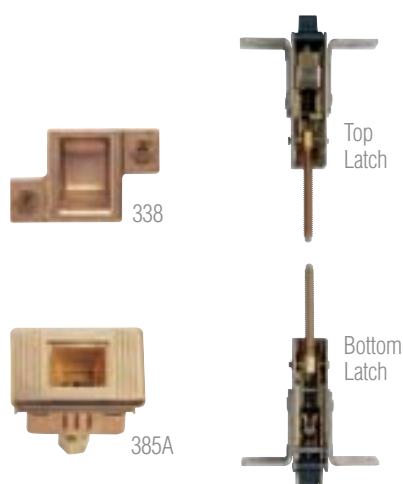
An **IR** Ingersoll Rand business

VON DUPRIN®

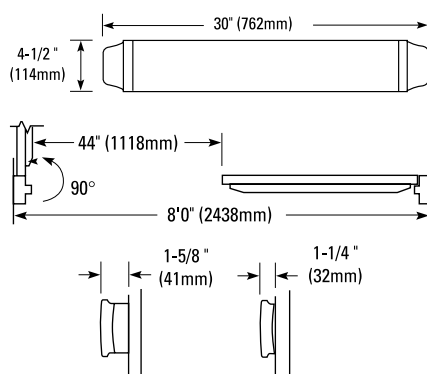
INPACT™ 94 AND 95 Series Exit Device

IR Security & Safety

VON DUPRIN® 94/95 **INPACT™** Concealed Vertical Rod Devices



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

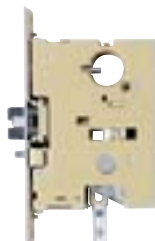
Electric latch retraction	pg. 13
Latchbolt monitoring	pg. 13
Less bottom rod	pg. 13



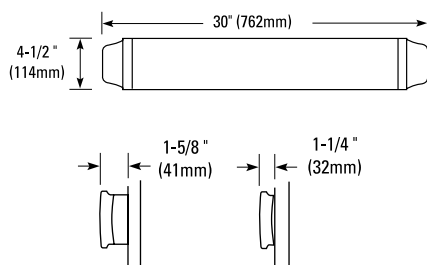
FIRE-RATED AND PANIC CONCEALED VERTICAL ROD DEVICES

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

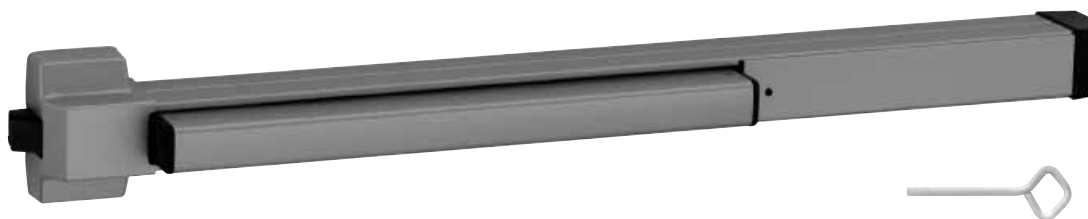
FIRE-RATED AND PANIC MORTISE LOCK DEVICES

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®

22 Series Exit Devices





299 Strike

22 rim exit device for all types of single and double doors with mullion, UL listed for Panic Exit Hardware. Devices are ANSI A156.3, 2001, Grade 1. Covers stock hollow metal doors with 161* cutouts. Fits door stiles as narrow as 3 13/16" (97mm), see page 12. See opposite page for available outside trim and device functions.

**Not applicable with all strike and mullion combinations, consult factory.*

Specifications

Device Functions	Ships ready for all functions; EO, DT, NL, TP, K, L	
Device Handing	Non-Handed	
Device Lengths	3' (914mm) – see minimum door opening chart at bottom of page 4' (1219mm) – see minimum door opening chart at bottom of page	
Finishes	SP28, SP313	
Strikes	299 Dull Black Optional Strikes	see page 12
Dogging Feature	Hex key dogging standard LD Less Dogging	see page 14
Electric Options	LX Latchbolt Monitor Switch	see page 14
	RX Touch Bar Monitor Switch	see page 14
	RX2 Double Touch Bar Monitor Switch	see page 14
	ALK Alarm Exit Kit	see page 14
Miscellaneous Options	GBK Glass Bead Kit	see page 15
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities	
Latch Bolt	Deadlocking, 3/4" (19mm) throw	
Device Centerline from	39 13/16" (1011mm) at center of device Finished Floor 39 11/16" (1008mm) with Mullion	
Device Dimensions	see page 13	

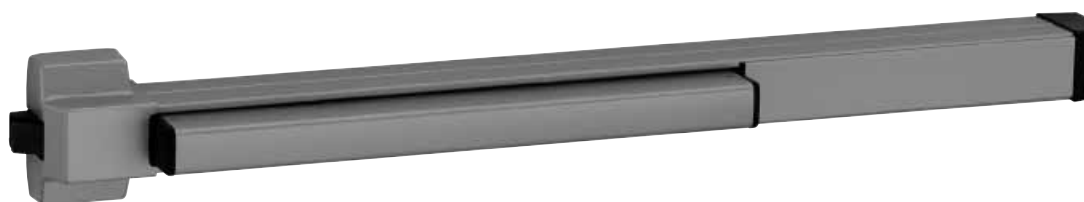
See page 16 for How to Order specification

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door w/Mullion	Minimum Door Opening for 3' device*	Minimum Door Opening w/ALK*
1/2"	299	Yes	—	26.500" (673mm)	33.250" (845mm)
1/2"	1439	Yes	—	25.687" (652mm)	32.437" (824mm)
1/2"	299	—	4754/4854/4954	27.000" (686mm)	33.750" (857mm)
1/2"	299	—	5654	25.812" (656mm)	32.562" (827mm)
1/2"	1408	—	5754	25.750" (679mm)	32.500" (826mm)
1/2"	1606	—	1654	26.562" (675mm)	33.312" (846mm)
5/8"	299	Yes	—	26.750" (679mm)	33.500" (851mm)
5/8"	1439	Yes	—	25.937" (659mm)	32.687" (830mm)
5/8"	299	—	4754/4854/4954	27.125" (689mm)	33.875" (860mm)
5/8"	299	—	5654	26.687" (678mm)	33.437" (849mm)
5/8"	1408	—	5754	25.875" (657mm)	32.625" (829mm)
5/8"	1606	—	1654	26.687" (678mm)	33.437" (849mm)

*For 4' device, add 6" (152mm)

VON DUPRIN® 22-F Rim Fire Exit Device



299F Strike



499F Strike
With 9854/9954
Mullion

22-F rim fire exit device for all types of single doors up to 4' x 8' (1219mm x 3048mm) or 8' x 8' (2438mm x 3048mm) double doors with 9954 or 9854 mullion, UL listed for Fire Exit Hardware. **See page 13 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3, 2001, Grade 1. Fits door stiles as narrow as 4 3/8" (111mm), see page 12. See opposite page for available outside trim and device functions.

Specifications

Device Functions	Ships ready for all functions; EO, NL, TP, K, L	
Device Handing	Non-Handed	
Device Lengths	3' (914mm) – see minimum door opening chart at bottom of page 4' (1219mm) – see minimum door opening chart at bottom of page	
Finishes	SP28, SP313	
Strikes	299F – Dull Black, single doors 499F – Dull Black, double door with 9954 or 9854 mullion Optional Strike see page 12	
Dogging Feature	No mechanical dogging	
Electric Options	LX Latchbolt Monitor Switch	see page 14
	RX Touch Bar Monitor Switch	see page 14
	RX2 Double Touch Bar Monitor Switch	see page 14
	ALK Alarm Exit Kit	see page 14
Miscellaneous Options	GBK Glass Bead Kit	see page 15
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities. Sex bolts are required on wood fire doors.	
Latch Bolt	Deadlocking, 3/4" (19mm) throw	
Device Centerline from	39 13/16" (1011mm) at center of device Finished Floor 39 11/16" (1008mm) with Mullion	
Device Dimensions	see page 13	

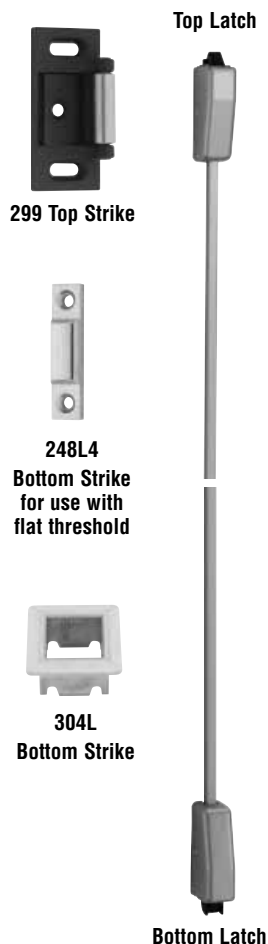
See page 16 for How to Order specification

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door w/Mullion	Minimum Door Opening for 3' device*	Minimum Door Opening w/ALK*
1/2"	299F/499F	Yes	—	26.500" (673mm)	33.250" (845mm)
1/2"	299F/499F	—	KR/9854/9954	27.000" (686mm)	33.750" (857mm)
5/8"	299F/499F	Yes	—	26.750" (679mm)	33.500" (851mm)
5/8"	299F/499F	—	KR/9854/9954	27.125" (689mm)	33.875" (860mm)

*For 4' device, add 6" (152mm)

VON DUPRIN® 2227 Surface Mounted Vertical Rod Device



2227 surface mounted vertical rod exit device for all types of single and double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3, 2001, Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts. Fits door stiles as narrow as 3 5/8" (92mm), see page 12. See opposite page for available outside trim and device functions.

Specifications

Device Functions	Ships ready for all functions; EO, DT, NL, TP, K, L	
Device Handing	Non-Handed	
Device Lengths	3' (914mm) – see minimum door opening chart at bottom of page 4' (1219mm) – see minimum door opening chart at bottom of page	
Door Height	7' (2134mm) – standard door height Extension rods available for door heights up to 10' 12" (205mm) 36" (914mm)	
Finishes	SP28, SP313	
Strikes	Top 299 – Dull Black Bottom 248L-4 and 304L – Unfinished Optional Strikes	see page 12
Dogging Feature	Hex key dogging standard LD Less Dogging	see page 14
Electric Options	LX Latchbolt Monitor Switch RX Touch Bar Monitor Switch RX2 Double Touch Bar Monitor Switch ALK Alarm Exit Kit	see page 14 see page 14 see page 14 see page 14
Miscellaneous Options	PL Pullman Latch GBK Glass Bead Kit RG Rod Guards LG Latch Guards	see page 14 see page 15 see page 15 see page 15
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities. Sex Bolts are furnished standard for top and bottom latches.	
Latch Bolt	Deadlocking Anti-friction Top and Bottom Bolt, 5/8" (16mm) throw	
Device Centerline from Finished Floor	39 13/16" (1011mm)	
Door Undercut	1/4" (7mm) from finished floor recommended, 3/4" (19mm) maximum or 1/8" (3mm) from threshold	
Device Dimensions	see page 13	

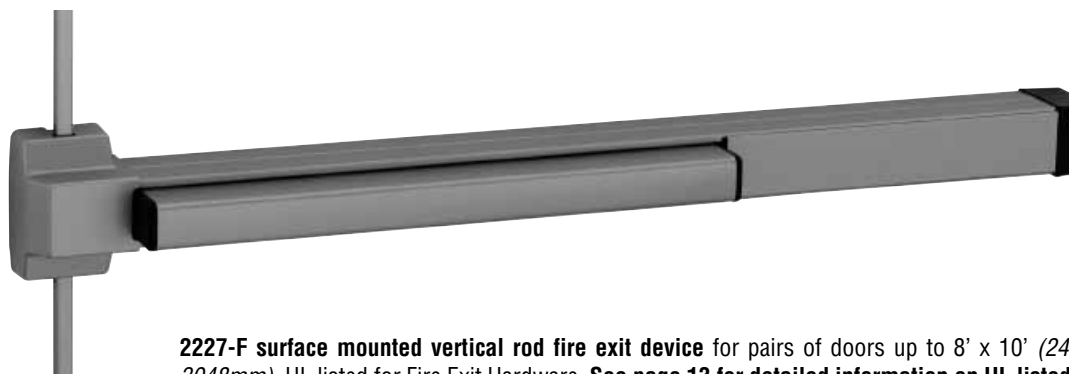
See page 16 for How to Order specification

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door w/Mullion	Minimum Door Opening for 3' device*	Minimum Door Opening w/ALK*
1/2"	N/A	Yes	Vert. x Vert.	25.875" (657mm)	32.625" (829mm)
5/8"	N/A	Yes	Vert. x Vert.	26.000" (664mm)	32.750" (832mm)

*For 4' device, add 6" (152mm)

VON DUPRIN® 2227-F Surface Mounted Vertical Rod Fire Exit Device



299F Top Strike



304L
Bottom Strike

Top Latch



Bottom Latch

2227-F surface mounted vertical rod fire exit device for pairs of doors up to 8' x 10' (2438mm x 3048mm), UL listed for Fire Exit Hardware. **See page 13 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3, 2001, Grade 1. Fits door stiles as narrow as 3 5/8" (92mm), see page 12. See opposite page for available outside trim and device functions.

Specifications

Device Functions	Ships ready for all functions; EO, NL, TP, K, L	
Device Handling	Non-Handed	
Device Lengths	3' (914mm) – see minimum door opening chart at bottom of page 4' (1219mm) – see minimum door opening chart at bottom of page	
Door Height	7' (2134mm) – standard door height Extension rods available for door heights up to 10' 12" (205mm) 36" (914mm)	
Finishes	SP28, SP313	
Strikes	Top 299F (499F LBR) – Dull Black Bottom 304L – Unfinished Optional Strikes see page 12	
Dogging Feature	No Mechanical Dogging	
Electric Options	LX Latchbolt Monitor Switch see page 14	
	RX Touch Bar Monitor Switch see page 14	
	RX2 Double Touch Bar Monitor Switch see page 14	
	ALK Alarm Exit Kit see page 14	
Miscellaneous Options	LBR Less Bottom Rod see page 14	
	GBK Glass Bead Kit see page 15	
	RG Rod Guards see page 15	
	LG Latch Guards see page 15	
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (19mm) – 2 1/4" (57mm) Wood & Metal Doors Optional SNB available for device, see next page for quantities. Sex Bolts are furnished standard for top and bottom latches.	
Latch Bolt	Deadlocking Anti-friction Top and Bottom Bolt, 5/8" (16mm) throw	
Device Centerline from Finished Floor	39 13/16" (1011mm) at center of device	
Door Undercut	1/4" (7mm) from finished floor recommended, 3/4" (19mm) 3/8" (9mm) maximum	
Device Dimensions	see page 13	

See page 16 for How to Order specification

Minimum Door Opening Chart

Stop Height	Strike	Single Door	Double Door w/Mullion	Minimum Door Opening for 3' device*	Minimum Door Opening w/ALK*
1/2"	N/A	Yes	Vert. x Vert.	25.875" (657mm)	32.625" (829mm)
5/8"	N/A	Yes	Vert. x Vert.	26.000" (664mm)	32.750" (832mm)

*For 4' device, add 6" (152mm)

VON DUPRIN®

33A/35A Series Exit Device





1439 Roller

33A and 35A for all types of single and double doors with mullion, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 35A has a smooth mechanism case and the 33A has grooved case. The rim device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

33A/35A fits door stiles as narrow as 1 3/4" (44mm). Newly designed device has a one piece center case cover.

The 33A/35A devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN. See inside cover for finish chips.

Specifications

Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Strikes	1439 – Dull Black Optional Strikes – see page 20
Dogging Feature	Hex key dogging standard
Dogging Options	CD Cylinder Dogging, see page 26 LD Less Dogging see page 26
Electric Options	LX Latchbolt Monitor Switch see page 22 RX Pushpad Monitor Switch see page 22 RX2 Double Pushpad Monitor Switch see page 22 SS Signal Switch see page 23 EL Electric Latch Retraction see page 23 ALK Alarm Exit Kit see page 22
Miscellaneous Options	PN Pneumatic Latch Retraction see page 26 GBK Glass Bead Kit see page 27
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) Wood & Metal Doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)
Latch Bolt	Deadlocking, 3/4" (19mm) throw
Device Centerline from Finished Floor	39 13/16" (1011 mm) 39 17/16" (1008 mm) with Mullion
Center Case Dimensions	8 3/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)

See page 31 for How to Order specification

VON DUPRIN® 3327A/3527A Surface Mounted Vertical Rod Device

27 Top Latch



3327A and 3527A for all types of single and double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 3527A has a smooth mechanism case and the 3327A has grooved case. The surface vertical rod device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

3327A/3527A fits door stiles as narrow as 1 3/4" (44mm). Newly designed device has a one piece center case cover.

The 3327A/3527A devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN. See the inside cover for finish chips.

Specifications

Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Strikes	Top – 266 – Dull Black, Bottom – 248L4 & 304L – Unfinished Optional Strikes – see page 20
Dogging Feature	Hex key dogging standard
Dogging Options	CD Cylinder Dogging see page 26 LD Less Dogging see page 26
Electric Options	LX Latchbolt Monitor Switch see page 22 RX Pushpad Monitor Switch see page 22 RX2 Double Pushpad Monitor Switch see page 22 SS Signal Switch see page 23 EL Electric Latch Retraction see page 23 ALK Alarm Exit Kit see page 22
Miscellaneous Options	PN Pneumatic Latch Retraction see page 26 LBR Less Bottom Rod see page 27 GBK Glass Bead Kit see page 27 PL Pullman Latch see page 27
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) Wood & Metal Doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device) #325 SNB furnished for top and bottom latches
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt 5/8" (16mm) throw
Device Centerline from Finished Floor	39 5/8" (1006mm)
Door Undercut	1/4" (7mm)
Center Case Dimensions	8 3/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Top and Bottom Latch	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)
Vertical Rods	1/2" square tubing, standard rods accommodate 7'(2134mm) door Top rod length is 34 15/16" (887mm) Bottom rod length is 31 1/4"(794mm) Extension rods available 1' (205mm) or 3'(914mm) for doors over 7' One piece top rod available for 8'(2438mm)-10'(3048mm) door
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)

27 Bottom Latch



266
Top Strike



248L-4
Bottom Strike
for use with
Threshold



304L
Bottom Strike

See page 31 for How to Order specification

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VON DUPRIN® 3327A-F/3527A-F Fire Exit Surface Mounted Vertical Rod Device

27 Top Latch



27 Bottom Latch



299F
Top Strike



304L
Bottom Strike
for use with
Threshold



499F
(LBR only)

3327A-F and 3527A-F for all types of double doors up to 8' x 10' (2438mm x 2540mm), UL listed for Fire Exit Hardware. **See page 28 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3 – 2001 Grade 1. The 3527A-F has a smooth mechanism case and the 3327A-F has grooved case. The surface vertical rod device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

3327A-F/3527A-F fits door stiles as narrow as 2 3/16" (56 mm). Newly designed device has a one piece center case cover.

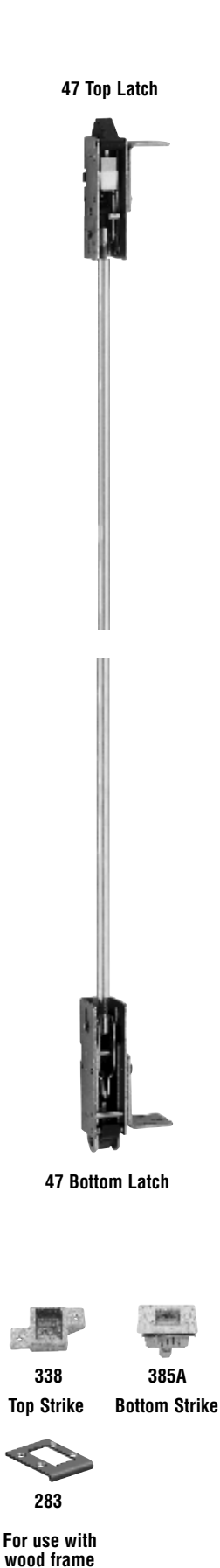
The 3327A-F/3527A-F devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN. See the inside cover for finish chips.

Specifications

Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Strikes	Top – 299F(499F LBR) – Dull Black, Bottom – 304L – Unfinished Optional Strikes – see page 20
Dogging Feature	No mechanical Dogging, EL option available
Electric Options	LX Latchbolt Monitor Switch see page 22 RX Pushpad Monitor Switch see page 22 RX2 Double Pushpad Monitor Switch see page 22 SS Signal Switch see page 23 EL Electric Latch Retraction see page 23 ALK Alarm Exit Kit see page 22
Miscellaneous Options	PN Pneumatic Latch Retraction see page 26 LBR Less Bottom Rod see page 27 GBK Glass Bead Kit see page 27
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) Wood & Metal Doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device) #325 SNB furnished for top and bottom latches
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt 5/8" (16mm) throw
Device Centerline from Finished Floor	39 5/8" (1006mm)
Door Undercut	1/4" (7mm)
Center Case Dimensions	8 3/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Top and Bottom Latch	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)
Vertical Rods	1/2" square tubing, standard rods accommodate 7'(2134mm) door Top rod length is 34 15/16" (887mm) Bottom rod length is 31 1/4"(794mm) Extension rods available 1' (205mm) or 3'(914mm) for doors over 7' One piece top rod available for 8'(2438mm)-10'(3048mm) door
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)

See page 31 for How to Order specification

VON DUPRIN® 3347A/3547A Concealed Vertical Rod Device



3347A and 3547A for all types of single and double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 3547A has a smooth mechanism case and the 3347A has grooved case. The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

3347A/3547A fits door stiles as narrow as 1 3/4" (44 mm), wood door stiles as narrow as 4" (102mm). Newly designed device has a one piece center case cover.

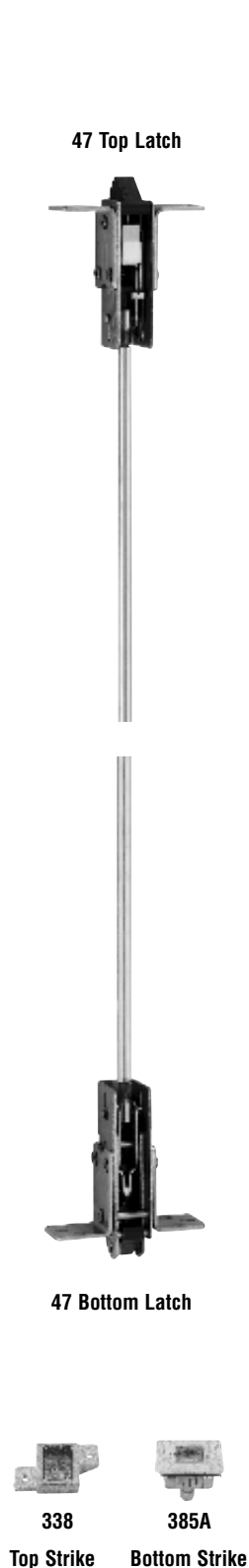
The 3347A/3547A devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN. See the inside cover for finish chips.

Specifications

Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Strikes	Top – 338 – Unfinished, Bottom – 385A – Unfinished Optional Strikes – see page 20
Dogging Feature	Hex key dogging standard
Dogging Options	CD Cylinder Dogging see page 26 LD Less Dogging see page 26
Electric Options	LX Latchbolt Monitor Switch see page 22 RX Pushpad Monitor Switch see page 22 RX2 Double Pushpad Monitor Switch see page 22 SS Signal Switch see page 23 EL Electric Latch Retraction see page 23 ALK Alarm Exit Kit see page 22
Miscellaneous Options	PN Pneumatic Latch Retraction see page 26 LBR Less Bottom Rod see page 27 GBK Glass Bead Kit see page 27 PL Pullman Latch see page 27
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) Wood & Metal Doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt 5/8" (16mm) throw
Device Centerline from Finished Floor	39 5/8" (1006mm) Standard, Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Door Undercut	1/4" (7mm)
Center Case Dimensions	8 3/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Vertical Rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)

See page 31 for How to Order specification

VON DUPRIN® 3347A-F/3547A-F Fire Exit Concealed Vertical Rod Device



3347A-F and 3547A-F for all types of double doors up to 8' x 10' (2438mm x 2540mm), UL listed for Fire Exit Hardware. **See page 28 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3 – 2001 Grade 1. The 3547A-F has a smooth mechanism case and the 3347A-F has grooved case. The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

3347A-F/3527A-F fits door stiles as narrow as 3 ½" (90mm). Newly designed device has a one piece center case cover.

The 3347A-F/3547A-F devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN. See the inside cover for finish chips.

Specifications

Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Strikes	Top – 338 – Unfinished, Bottom – 385A – Unfinished Optional Strikes – see page 20
Dogging Feature	No mechanical Dogging, EL option available
Electric Options	LX Latchbolt Monitor Switch see page 22 RX Pushpad Monitor Switch see page 22 RX2 Double Pushpad Monitor Switch see page 22 SS Signal Switch see page 23 EL Electric Latch Retraction see page 23 ALK Alarm Exit Kit see page 22
Miscellaneous Options	PN Pneumatic Latch Retraction see page 26 LBR Less Bottom Rod see page 27 GBK Glass Bead Kit see page 27
Fasteners & Sex Bolts (SNB)	Includes 1 ¾" (44mm) – 2 ¼" (57mm) Wood & Metal Doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt ⅝" (16mm) throw
Device Centerline from Finished Floor	39 ⅝" (1006mm) Standard, Adjustable from 35 ⅝" (905mm) to 49 ⅝" (1260mm)
Door Undercut	¼" (7mm)
Center Case Dimensions	8 ⅜" x 2 ⅜" x 1 ⅞" (208mm x 62mm x 40mm)
Mechanism Case Dimensions	2 ¼" x 2 ¼" (57mm x 57mm)
Vertical Rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 ⅝" (905mm) to 49 ⅝" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)
Projection	Pushbar Neutral – 3 ⅜" (97 mm) Pushbar Depressed – 3 ⅛" (78 mm)

See page 31 for How to Order specification

VON DUPRIN® 3348A/3548A Concealed Vertical Rod Device

48 Top Latch



48 Bottom Latch



338
Top Strike



385A
Bottom Strike



3348A and 3548A for all types of single and double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 3548A has a smooth mechanism case and the 3348A has grooved case. The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

3348A/3548A fits door stiles as narrow as 1 3/4" (44 mm). Newly designed device has a one piece center case cover.

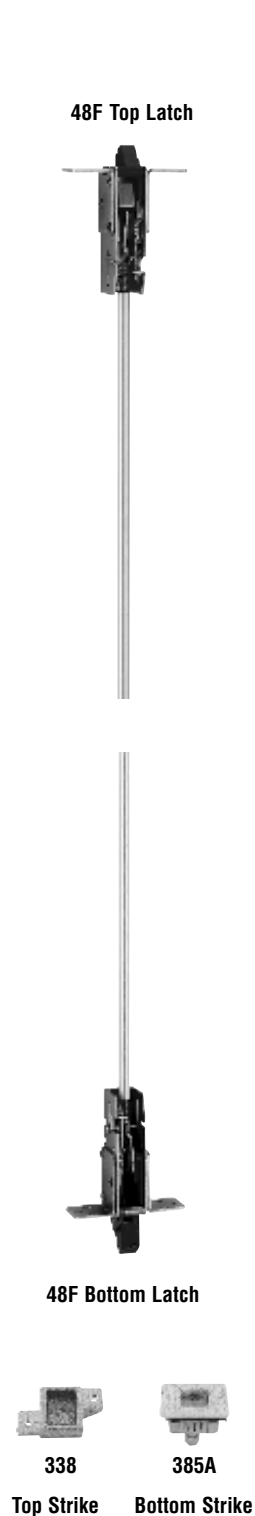
The 3348A/3548A devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN. See the inside cover for finish chips.

Specifications

Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Strikes	Top – 338 – Unfinished, Bottom – 385A – Unfinished Optional Strikes – see page 20
Dogging Feature	Hex key dogging standard
Dogging Options	CD Cylinder Dogging see page 26 LD Less Dogging see page 26
Electric Options	LX Latchbolt Monitor Switch see page 22 RX Pushpad Monitor Switch see page 22 RX2 Double Pushpad Monitor Switch see page 22 SS Signal Switch see page 23 EL Electric Latch Retraction see page 23 ALK Alarm Exit Kit see page 22
Miscellaneous Options	PN Pneumatic Latch Retraction see page 26 GBK Glass Bead Kit see page 27
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) Wood & Metal Doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt 3/4" (19mm) throw Deadlocking Anti-friction Top & Bottom Bolt 1 1/2" (38mm) throw
Device Centerline from Finished Floor	39 5/8" (1006mm) Standard, Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Door Undercut	3/4" (19mm)
Center Case Dimensions	8 3/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Vertical Rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)

See page 31 for How to Order specification

VON DUPRIN® 3348A-F/3548A-F Fire Exit Concealed Vertical Rod Device



3348A-F and 3548A-F for all types of double doors up to 8' x 10' (2438mm x 2540mm), UL listed for Fire Exit Hardware. **See page 28 for detailed information on UL listed fire exit hardware label and door opening size information.** Devices are ANSI A156.3 – 2001 Grade 1. The 3548A-F has a smooth mechanism case and the 3348A-F has grooved case. The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used. See opposite page for available outside trim and device functions.

3348A-F/3548A-F fits door stiles as narrow as 3 1/2" (90mm). Newly designed device has a one piece center case cover.

The 3348A-F/3548A-F devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN. See the inside cover for finish chips.

Specifications

Device Lengths	3' 2'4" to 3' (711mm to 914 mm) Door Size 4' 2'10" to 4' (864 mm to 1219 mm) Door Size
Strikes	Top – 338 – Unfinished, Bottom – 385A – Unfinished Optional Strikes – see page 20
Dogging Feature	No mechanical Dogging, EL option available
Electric Options	LX Latchbolt Monitor Switch see page 22 RX Pushpad Monitor Switch see page 22 RX2 Double Pushpad Monitor Switch see page 22 SS Signal Switch see page 23 EL Electric Latch Retraction see page 23 ALK Alarm Exit Kit see page 22
Miscellaneous Options	PN Pneumatic Latch Retraction see page 26 GBK Glass Bead Kit see page 27
Fasteners & Sex Bolts (SNB)	Includes 1 3/4" (44mm) – 2 1/4" (57mm) Wood & Metal Doors #425 SNB furnished standard for end case #325 SNB furnished standard for EO (exit only device)
Latch Bolt	Deadlocking Anti-friction Top & Bottom Bolt 3/4" (19mm) throw Deadlocking Anti-friction Top & Bottom Bolt 1 1/2" (38mm) throw
Device Centerline from Finished Floor	39 5/8" (1006mm) Standard, Adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm)
Door Undercut	3/4" (7mm)
Center Case Dimensions	8 3/16" x 2 13/32" x 1 9/16" (208mm x 62mm x 40mm)
Mechanism Case Dimensions	2 1/4" x 2 1/4" (57mm x 57mm)
Vertical Rods	Round 2 piece adjustable rods Top rod adjustable from 6'8" (2027mm) to 8'4" (2533mm) Bottom rod adjustable from 35 5/8" (905mm) to 49 5/8" (1260mm) Extension rod kits available for doors over 8'4" (2533mm)
Projection	Pushbar Neutral – 3 13/16" (97 mm) Pushbar Depressed – 3 1/16" (78 mm)

See page 31 for How to Order specification