

ADDITIONAL INFORMATION

How to Order Sequence Example

F 19 V L-DANE US32D 3' LHR LBR SNB WD

Prefixes

CD	Cylinder Dogging
AE	Touchbar Request to Exit
DM	Latchbolt and Device Monitor Switch
KOR	Key Bypass Switch
LK	Locking Trim Monitor Switch
LM	Latchbolt Status Switch
ED	Electric Dogging

Rating

F	Fire Exit Hardware
Blank	Panic Exit Hardware

Device Series

19	Touch Bar Device, Narrow Stile
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Device Type

R	Rim
V	Surface Vertical Rod

Trim Function *(see Trim pages for all functions)*

EO	Exit Only	K	Knob
DT	Dummy Trim	L	Lever (Dane Standard)
NL	Night Latch	TL	Thumb Lever
C	Cylinder Trim Less Pull	KIK	Key in Knob
TP	Thumbpiece	KIK	Key in Lever

Finish

US32D	SP28	SP313
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Door Width

3'	Standard Default	2'	9" Touchbar
4'		2'5"	14" Touchbar
-	Specify Exact Door Width	3'6"	20" Touchbar

Handing

RHR	Right Hand Reverse
LHR	Left Hand Reverse

Less Bottom Rod

LBR	Less Bottom Rod
LBR-AFL	LBR w/Auxiliary Fire Latch

Other Device Options

EA	Exit Alarm	RBB	Round Bottom Bolt	SSTB	Stainless Steel Touch Bar
HWEA	Hard Wired Exit Alarm	VRP	Black Pad on Touch Bar	TAC	Tactile Warning

Accessories

CYL	Cylinder	SNB	Sex Bolts
SK	Shim Kit	AMS	All Machine Screws

Other Miscellaneous Door Information

HMD	Hollow Metal Door	SCDC	Steel Channel Door Construction	-	Door Label (20 min, 45 min, 90 min 1-1/2 hr)
HMF	Hollow Metal Frame	-	Specify other Door or Frame	-	Stile Width
WD	Wood Door	-	Material information	-	Frame Stop Height
WDF	Wood Frame	-	Door Height	SGL	Single Door
ALD	Aluminum Door	-	Door Thickness	PR	Pair of Doors Swinging Same Direction
ALF	Aluminum Frame	-	Door Undercut		

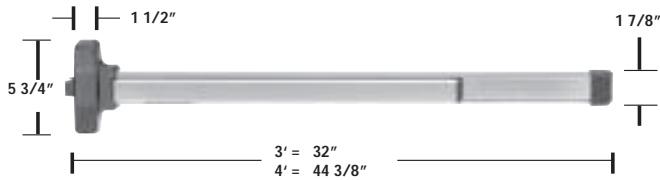
DOOR APPLICATION

Door Thickness

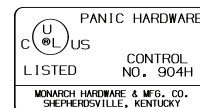
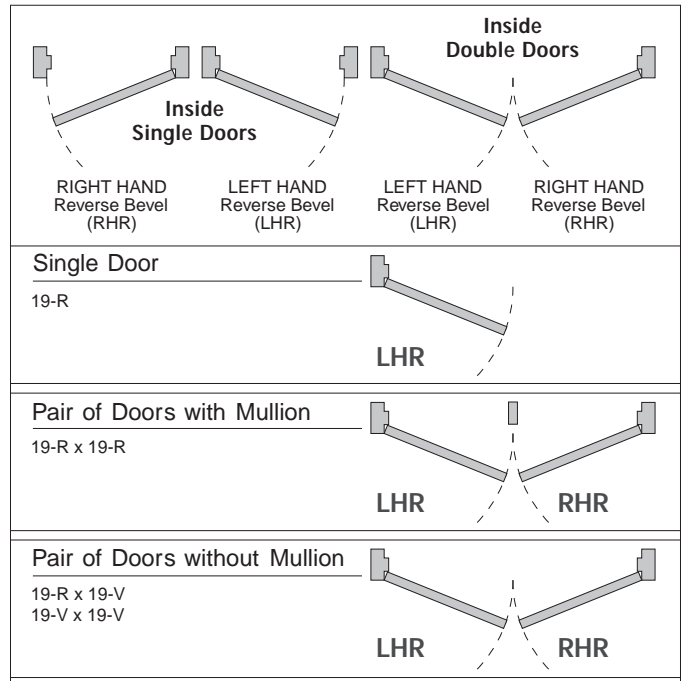
All devices and components supplied for 1 3/4" doors standard. Specify door thickness if other than 1 3/4".

DEVICE	Label	Door Opening	Application
Hollow Metal Door			
F-19-R	1 1/2 hr. "B"	4' x 7'2" 8' x 7'2"	Single, pair, same egress w/ F-4023 mullion and KR-F-4023
F-19-V	1 1/2 hr. "B"	8' x 10'	Pair, double egress, same egress
F-19-V-LBR	1 1/2 hr. "B"	8' x 8'	Pair, double egress, same egress
Wood Door			
F-19-V-LBR	20 min.	8' x 8'	Wood or comp., pair, double egress, same egress
F-19-R	1 1/2 hr. "B"	4' x 7'2" 8' x 7'2"	Single, pair, same egress w/ F-4023 mullion and KR-F-4023

Device Dimensions:



Door Application Chart



Product information and specifications contained in this catalog are subject to change without notice. Please consult the factory.

REVERSIBLE VERTICAL ROD DEVICE 19-V SERIES

Panic Exit Hardware



3788
Strike

Manufactured to the same exacting standards as the 19 Rim, the 19-V Exit Device complies with most exit door requirements, and is fully reversible and surface applied. This device is regularly furnished with deadlocking top latch with latch retention and square bolt at bottom. The "EO" (Exit Only) device is ready to accept any trim function shown on page 12.

DEVICE & TRIM	ANSI Type	ANSI Function
19-V-EO	2 or 5	01
19-V-DT	2 or 5	02
19-V-NL	2 or 5	03
19-V-TP	2 or 5	05
19-V-TP-NL	2 or 5	06
19-V-K (or L)	2 or 5	08
19-V-K-NL (or KIL)	2 or 5	09

Note: For blank escutcheon specify BE.



Latch retention hold is in the top latch. Retainer is released when it engages the strike.



Cylinder Dogging



2789
Dogging Key



2130
Strike

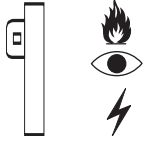
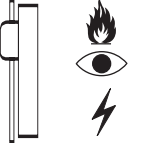
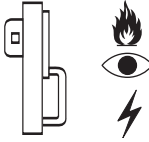
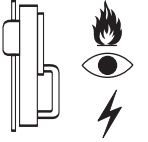
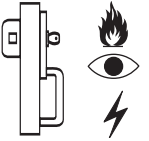
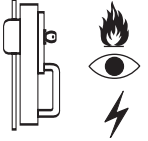
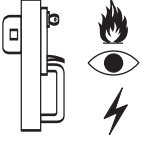
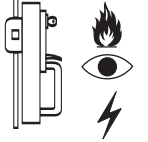
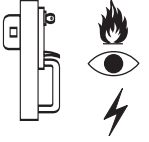
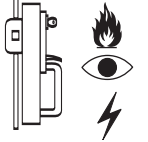
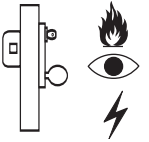
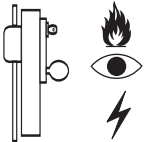
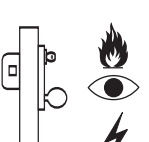
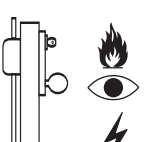
Specifications


Hand:	Field reversible.
Functions:	All functions built into "EO" device. All 19 Series trim works with rim or vertical devices. See Trim Selection Chart on pages 12 and 13.
Finishes:	Powder-coated aluminum-SP28; powder-coated duranodic-SP313; stainless steel US-32D.
Strikes:	3788 strike is surface applied standard, 2130 strike is mortised into floor.
Angle Bracket:	Use 4215 angle bracket in flush transom or rabbeted installations. Allows use of standard 3788 strike.
Latchbolt:	Top stainless steel 3/4" throw. Bottom square bolt 1/2" throw.
Deadlocking Latchbolt:	Standard.
Dogging Feature:	1/2 turn hex dogging standard. No threaded parts to wear out.
Cylinder Dogging:	Specify "CD" prefix. Use 1 1/8" long mortise cylinder with standard "A" cam.
Stock Sizes:	3'0" and 4'0". (See chart on page 15.)
Doors:	1 3/4" thick, wood or metal. Specify thickness if other than 1 3/4".
Narrow Stile Doors:	To 1 3/4" N.S. aluminum. With control trim-2 1/4" min. stile.
Projection:	2 1/2" max., 1 7/8" dogged.
Electric Function:	Can be interfaced with building security systems. Security monitoring, electric dogging, exit indicator, and exit alarm available.
Fasteners:	All mounting screws are concealed. Furnished with sheet metal screws. Machine screws available, specify AMS.
Sex Bolts:	3-#4122 (1/4"-20) SNB standard. Hollow core wood, light gauge Hollow Metal, etc. require additional sex bolts. 19-V: 6-#2729 #10-24 SNB; 19-V-LBR: 3-#2729 #10-24 SNB
ANSI:	Certified ANSI A156.3 2001 Grade 1 standards.
19-V:	Latch retention and 3788 strike top, deadbolt and 2130 flush strike bottom.
19-V-LBR:	3788 strike top.
Vertical Rods:	Furnished to length based on 40 3/16" horizontal CL from finished floor and a 7'0" door standard. Variations from these standards must be specified when ordering.
Shim Kit:	For glass lites applications; 1/4" thick specify SK-19-V-1/4".
161 Cutout:	Device covers 161 cutout with KIK/KIL and Centron trims. Other trim requires cover plate.





TYPE AND FUNCTIONS

These pages list all functions available for the 19 Series devices.

	Rim Devices ANSI Type 1& ANSI Type 4	Vertical Rod Devices ANSI Type 2 & ANSI Type 5	
Functions (ANSI)	(F)-19-R	(F)-19-V	
EO or N (01) Exit only, no trim.	 19-R-EO	 19-V-EO	
DT (02) Entrance by trim when actuating bar is dogged down.*	 19-R-DT	 19-V-DT	
NL (03) Entrance by trim when latchbolt is retracted by key. Key removable only when locked.	 19-R-NL	 19-V-NL	
TP (05) Entrance by thumbpiece. Key locks or unlocks thumbpiece.	 19-R-TP	 19-V-TP	
TP (NL) (06) Entrance by thumbpiece only when released by key. Key removable only when locked.	 19-R-TP(NL)	 19-V-TP(NL)	
K or L or KIK or KIL (08) Entrance by knob or lever. Key locks or unlocks knob.	 19-R-K or L or KIK or KIL	 19-V-K or L or KIK or KIL	
K(NL) or L(NL) (09) or KIK(NL) or KIL (NL) Entrance by knob or lever only when released by key. Key removable only when locked.	 19-R-K (NL) or L(NL) or KIK(NL) or KIL(NL)	 19-V-K (NL) or L(NL) or KIK(NL) or KIL(NL)	

 **Fire Exit Hardware** Use "F" prefix for fire exit hardware.

 **Security Monitor** Latch, device, and authorized egress monitors. (See Electrified Hardware catalog.)

 **Electric Function** Electric dogging. (See Electrified Hardware catalog.)

*Fire exit devices cannot be dogged down. Some codes permit electric dogging with fail secure circuitry.

TYPE AND FUNCTIONS

Double Doors

DEVICE & TRIM	Length	Top Strike	Bottom Strike	Min. Stile	Door Opening Width
(F) 19-V	3'0"	3788	2130	3½"	2'5¼" TO 3'0"
(F) 19-V	4'0"	3788	2130	3½"	3'0" TO 4'0"

Note: For (F-) 19-V-LBR use "V" information less bottom strike.

F-19-V-LBR requires use of auxiliary fire latch.

Single Doors with ⅝" Stop

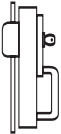
DEVICE & TRIM	Length	Strike	Min. Stile	Door Opening Width
19-R	3'0"	F570 565	3½" 1¾"*	2'5¼" TO 3'0" 2'4¾" TO 2'9¼"
F-19-R	3'0"	F570	3½"	2'5¼" TO 3'0"
19-R	4'0"	F570 565	3¾" 1¾"*	3'0" TO 4'0" 3'0" TO 3'9¾"
F-19-R	4'0"	F570	3¾"	3'0" TO 4'0"

*For EO, O with pull and NL functions only. 2-1/4" minimum stile required for control trim.

Dimensions:

- Recommended height from finished floor – 40⅝" at CL.
- Touchbar Projections: Neutral - 2½", Depressed – 1⅝"
- Extension rods or longer top rods available upon request. Specify door height.
- Dummy touchbar available. Specify 190 DT 3' or 4'. Overall length: 3': 30½" 4': 42⅝"
- Changes for minimum door size for charts on left: For cylinder dogging, add 2¼" to minimum door size. For exit alarm, add 4½" to minimum door size. For electric dogging, add 4½" to minimum door size.
- To fit on smaller door consult factory.

Double Doors with Mullion



DEVICE & TRIM	Length	Strike	Min. Stile	Door Opening Width	Fire	Mullion	Panic
19-R	3'0"	F570	3½"	2'5¼" TO 3'0"	–	2923 ¹	
			3¾"		–	4023/KR4023	
		565	3⅛"	2'4¾" TO 2'9¼"	–	2923 ¹	
			3⅜"		–	4023/KR4023	
F-19-R	3'0"	F-570	3¾"	2'5¼" TO 3'0"	(F)4023 KR(F)4023	– –	
19-R	4'0"	F570	3½"	3'0" TO 4'0"	–	2923 ¹	
			3¾"		–	4023/KR4023	
		565	3⅛"	3'0" TO 3'9¾"	–	2923 ¹	
			3⅜"		–	4023/KR4023	
F-19-R	4'0"	F-570	3¾"	3'0" TO 4'0"	(F)4023 KR(F)4023	– –	

¹ To cover 161 cutout on double door installation, specify 2923 mullion with 565 strike.

