



Lock Synergy Assurance Series A40xHD Fire Rated RIM Panic Device



Lock Synergy's Assurance RIM panic device is a retrofit lock converted from Detex's Value Series exit devices. Lock Synergy has created a retrofit kit to replace exterior parts from a Value Series lock into stainless steel parts. This allows the A40 to pass and comply with the PRC's 1.5 hour fire test, as well as its durability cycle test of 300,000 cycles. We guarantee the A40 will last beyond our 10 year warranty with trouble free maintenance.

The A40 retrofit kit can convert the Detex V40 series and most of its electrical features to comply with PRC's fire safety standards. Lock Synergy will retrofit the lock before shipping and can provide a shortened version of up to 27" upon request.

Device Specifications

Finish- Brushed 304 Stainless Steel

Suitable Door Types- Wood, Hollow Metal, Fiberglass, or Aluminum doors

Suitable Door Thickness- Fits standard on 1-3/4" (4.45CM) - 2-1/4" (5.72CM) doors

Minimum Door Stile Required- 2" (5.08CM) with mortise strike, 2-1/2" (6.35CM) with surface mount strike (standard)

Stainless steel, 3/4" deadlocking Pull-man-type latch bolt with over 1400 pounds of static pull force

Device Features

- Patented mounting plate and strike locator
- Non-handed
- Heavy-duty exterior for high impact applications
- Standard and narrow stile pull handles and trims available
- Tested and approved for PRC's fire rating and durability
- Machine and self drilling screws inclusive

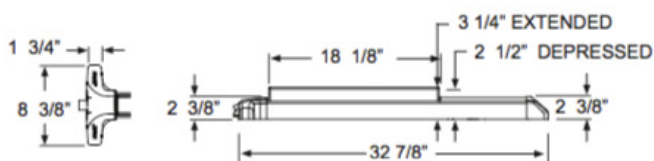
LOCK SYNERGY | A40xHD

Device Mechanical Options

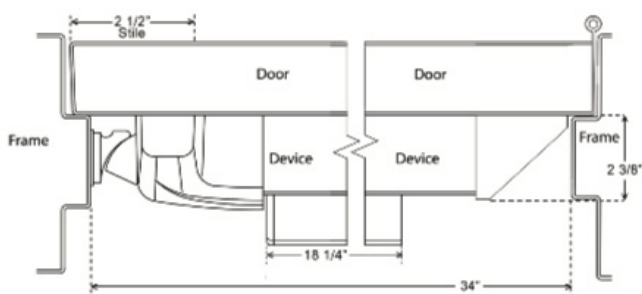
- 36" (91.44CM): For up to 36" (91.44CM) door width. Can be shortened to 27" (68.58CM) if without electrical functions (30" [76.2CM] if with exit alarm) for narrower door installations.
- HD - Hex Dogging (Std.)
- EC1 Ramped End Cap (Standard)
- EC2 Flat End Cap for shorter length (less 1.5" [3.8CM])
- 99: Surface mount strike (Standard)
- 98: Mortise mount strike

Dimensions

Device Dimensions



Single Door with 99 Strike Dimensions



Certifications



1.5 Hour Fire Test
300,000 Durability Cycle Test

Device Electrical Options

Below is a list of electric features for the A40:

- EA- Exit Alarm: Exits requiring an alarm de-terrance
- ED- Electric Dogging: Exits requiring an electrical dogging function
- EI- Electrical Integration: Exits requiring an integrated exit alarm with access control system
- ER- Electric Retraction: Exits requiring an access controlled exit hardware with latch retraction (cannot be shortened)
- EE- Delayed Egress: Exits requiring a de-layed exit egress with alarm (cannot be shortened)
- EExER- Delayed Egress with Electric Latch Retraction (cannot be shortened)

LX- Latch Bolt Signal- Exits requiring a sta-tus signal from exit hardware's latch

ES- Exit Signals- Exits requiring a status signal from exit hardware's push bar and outside key control

EX- Request to Exit Signal- Exits requiring a status signal from exit hardware's push bar

Warranty

10 Year Mechanical and 3 Year Electrical Warranty