

Statements

FDH housing installation includes a base plate and secures the top cover, customers can cut FDH length based on their door size or the size of the door opening.

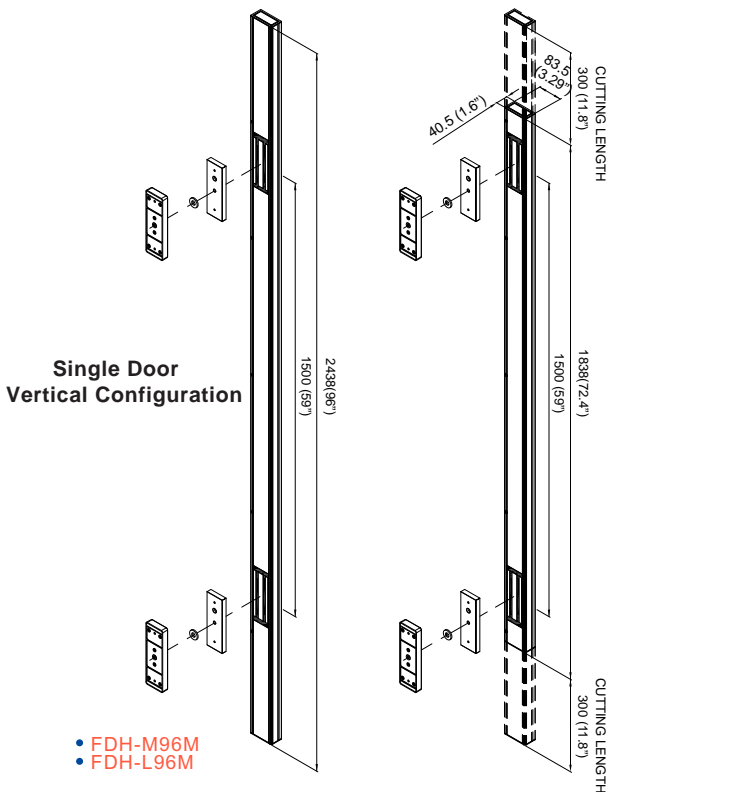
Single door and double door product configurations that increase door safety and enhance the beauty of the door.

FDH Series lock have holding force selection with 800 lbs, 1200 lbs, 800 lbs x 2 or 1200 lbs x 2. Please refer the diagram and description on the right.

Specifications

- Electromagnetic lock comes with full length housing for vertical or horizontal configurations
- Operating Voltage: 12/24 VDC
- Current Draw: 500mA/12 VDC; 250mA/24 VDC
- Magnetic bond sensor output SPDT rated: 0.5A/125VAC, 1A/24VDC
- (Optional) Bond Sensor LED Indicator: Green Status LED → Unlocked
Red Status LED → Locked

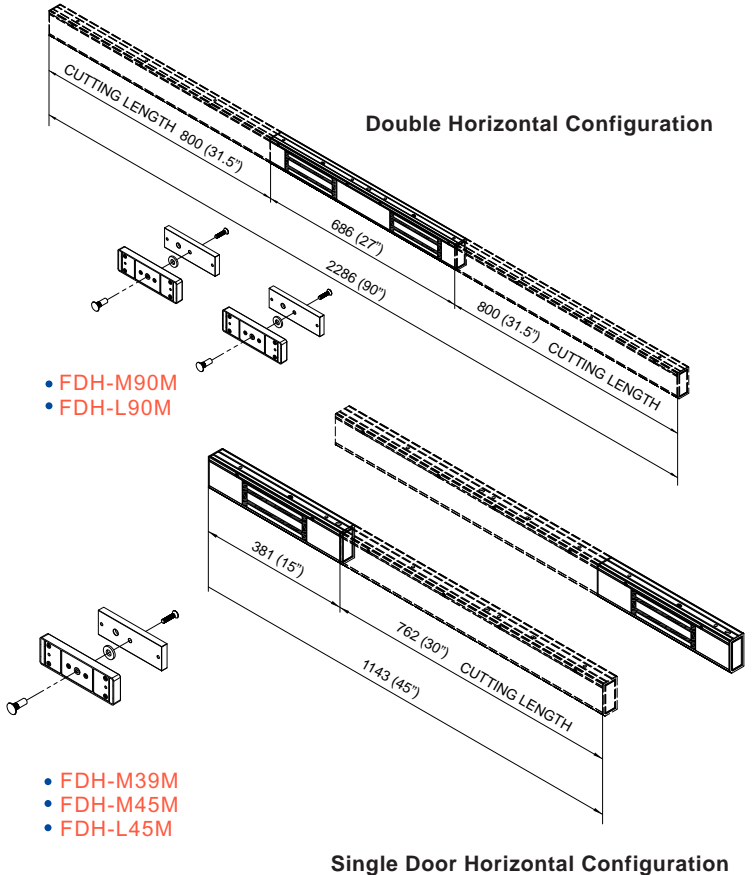
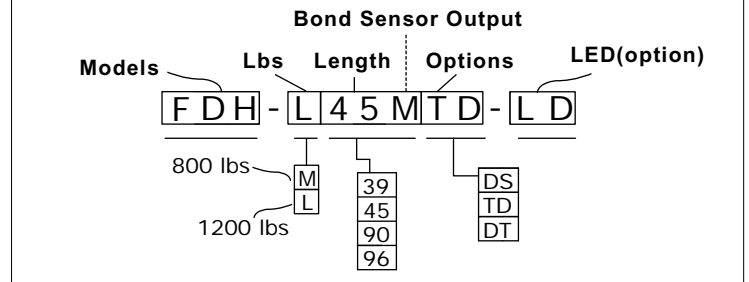
Dimensions (in inch)



Models

Type	Models	Holding Force (lbs)	Length	Configuration
Single Door	FDH-M39M	800	39" (991mm)	Full Length Housing- Horizontal
	FDH-M45M	800	45" (1143mm)	
	FDH-L45M	1200	45" (1143mm)	
Double Door	FDH-M90M	800 x2	90" (2286mm)	Full Length Housing- Double Horizontal
	FDH-L90M	1200 x2	90" (2286mm)	
Single Door (For high ceiling)	FDH-M96M	800 x2	96" (2438mm)	Full Length Housing- Vertical
	FDH-L96M	1200 x2	96" (2438mm)	

- Optional Accessories**
- ~DS: Door Status Output (Optional Accessory)
 - ~TD: Relock Time Delay
 - ~DT: Relock Time Delay + Door Status Output
 - ~TD-LD: Relock Time Delay + LED Indication
 - ~DT-LD: Relock Time Delay + LED Indication + Door Status Output

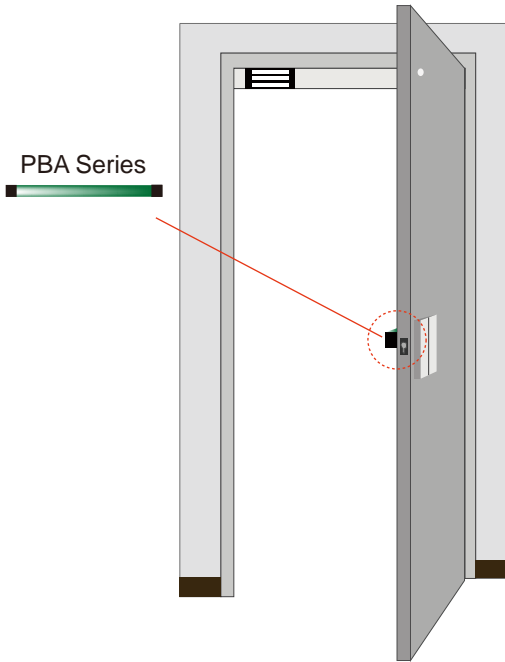


- FDH-M90M
- FDH-L90M
- FDH-M39M
- FDH-M45M
- FDH-L45M

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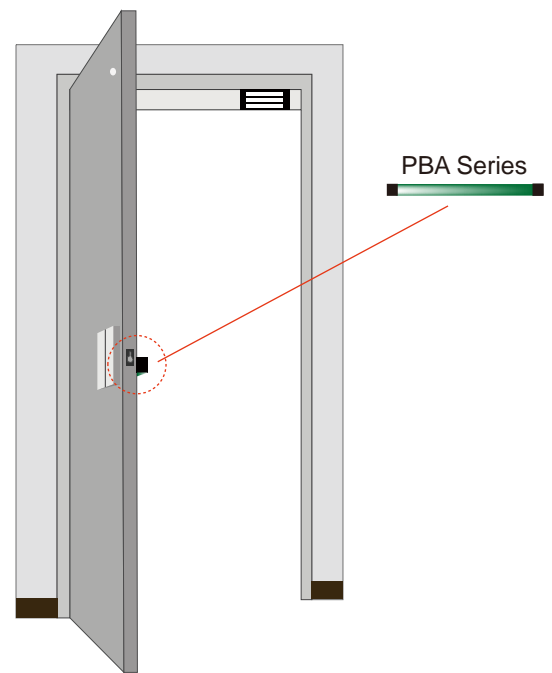
● Applications

Single Left Hand Reverse - Horizontal Configuration

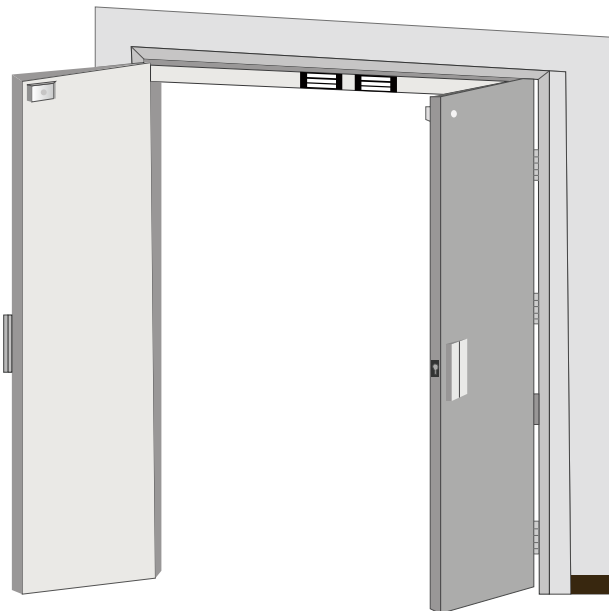


- FDH-M39M
- FDH-M45M
- FDH-L45M

Single Right Hand Reverse - Horizontal Configuration

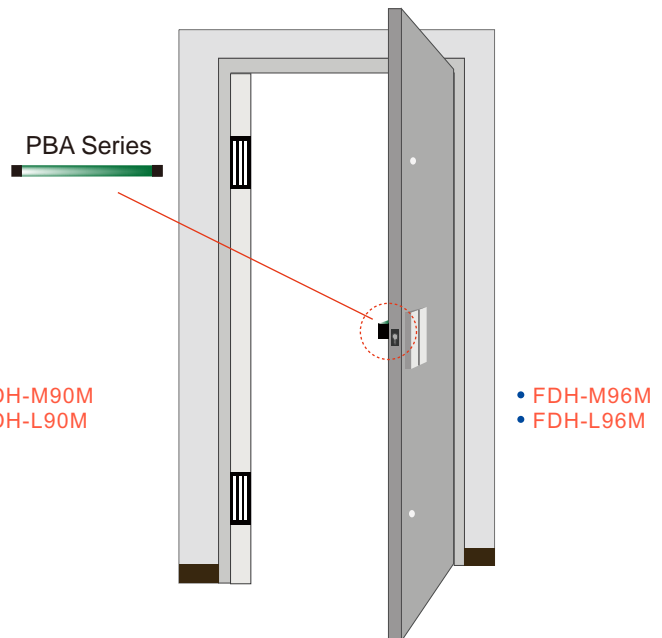


Double Horizontal Configuration



- FDH-M90M
- FDH-L90M

Single Left Hand Reverse - Vertical Configuration



- FDH-M96M
- FDH-L96M

● Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 5 years from the date of sale to the original client. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.

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