

ALARMGARD® PLUS

FAIL-SAFE FIRE DOOR OPERATOR

Standard Features and Benefits

- ▶ Auxiliary Chain Hoist
- ▶ Battery Back-up – prevents the door from closing for 8 hours due to a power failure
- ▶ Directly notified by the fire alarm control panels or local detectors
- ▶ Fail-safe system
- ▶ Eliminates mechanical spring tension loss and complex resetting procedures which allows routine testing to take minutes instead of hours
- ▶ Automatically resets to normal operation upon clearing of the alarm signal and/ or restoration of power
- ▶ Slow and controlled activated closing speed does not exceed 9"-12" per second
- ▶ Automatic open is selectable for a complete system restoration after activation
- ▶ Brake is automatically engaged in the closed position
- ▶ Audible low battery warning
- ▶ 0 – 10 seconds selectable time delay upon activation
- ▶ Can close and reverse on obstructions up to three times
- ▶ Dramatic cost savings when inspecting and performing drop testing – no manual labor needed
- ▶ Supplemental fusible link activation plunger

Options

- ▶ Operator Cover
- ▶ Wall mounted key switch for ease of drop testing

Recommended Applications

- ▶ Where manual testing and resetting is impractical or not desired
- ▶ When fire doors are installed in pedestrian through fares
- ▶ Installations in recessed areas
- ▶ Where nuisance drops are to be avoided due to temporary power outages



MOTOR OPERATOR **ALARMGARD® PLUS** Fail-Safe Fire Door Operator

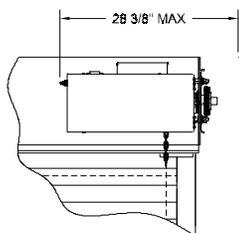
Models

Model	FSH-51EP	FSH-53EP	FSH-54EP	FSH-71EP	FSH-73EP	FSH-74EP
Horsepower	1/2 HP	1/2 HP	1/2 HP	3/4 HP	3/4 HP	3/4 HP
Voltage	115V	230V	460V	115V	230V	460V
Phase	1	3	3	1	3	3
Frequency	60 Hz					
Auxiliary Hand Chain	Yes	Yes	Yes	Yes	Yes	Yes

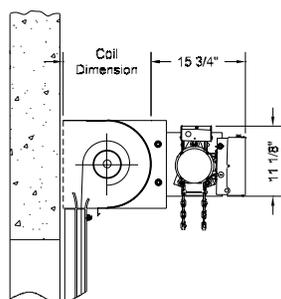
50 HZ and additional 60 HZ configurations are available, but may require an additional lead time. Please contact factory for details.

Fire Door Mounting Options

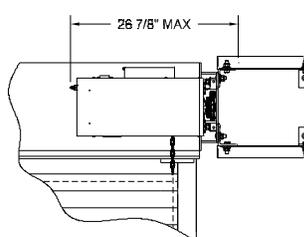
Front of Coil Elevation
- 1/2 HP



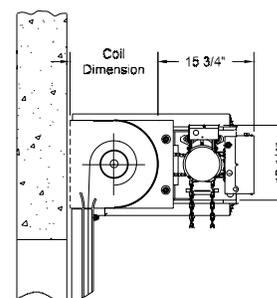
Front of Coil Section
- 1/2 HP



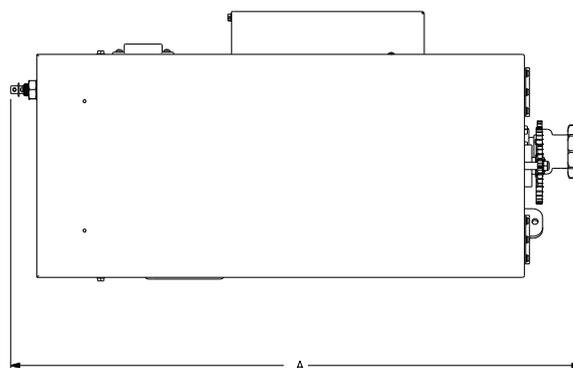
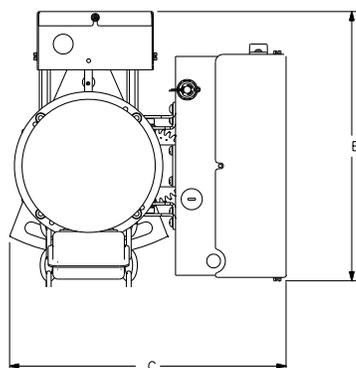
Front of Coil Elevation
- 3/4 HP



Front of Coil Section
- 3/4 HP



Details and Clearances



	A	B	C
1/2 HP	23.60"	11.10"	11.40"
3/4 HP	23.60"	11.10"	11.40"