

# 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

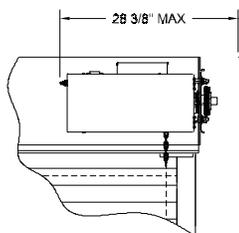
## Models

| 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      |

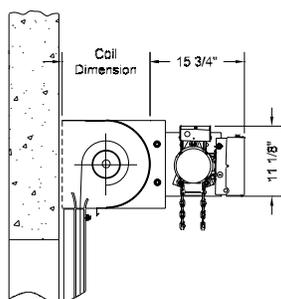
50 HZ and additional 60 HZ configurations are available, but may require an additional lead time. Please contact factory for details.

## Fire Door Mounting Options

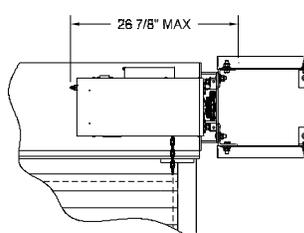
Front of Coil Elevation  
- 1/2 HP



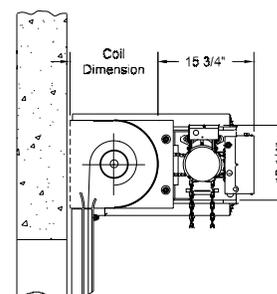
Front of Coil Section  
- 1/2 HP



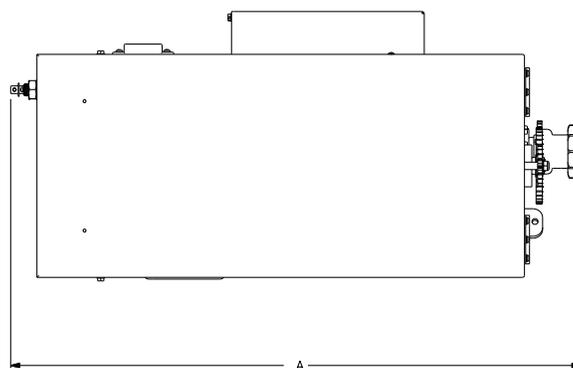
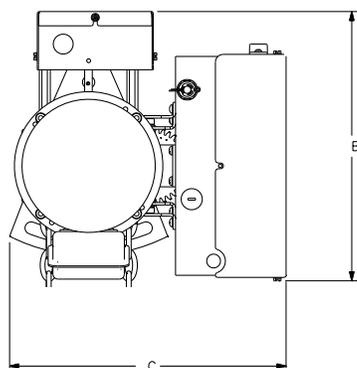
Front of Coil Elevation  
- 3/4 HP



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" |