

## FireBreak Shutter EM-FBS

### APPLICATIONS

The **FireBreak Shutter EM-FBS** is engineered to isolate fires and fire hazards in process ventilation and dust collecting applications. The **FireBreak Shutter** is installed in multiple applications ranging from wood dust, metal dust, oil mist and/or any other process that has a fire hazard. Preventative (active) and reactive (passive) solutions are available.

### AVAILABLE MODELS

- **EM-FBS00M**  
Gravity closure using magnetic release with a pneumatic reset.
- **EM-FBS00P & EM-FBS00PH**  
Pneumatic closure & reset, designed for vertical and horizontal positions.

### COMMON APPLICATIONS :

- Secondary protection in a Spark Detection and Extinguishing System
- Detect and isolation systems without suppression
- Dust collector/vessel isolation when used with a Fire Suppression System
- Production area/work zone isolation for high-risk processes



### STANDARD FEATURES

- Heavy-duty welded steel construction
- Flanged inlet and outlet with co-flanges
- Self-cleaning design
- Integral gasketing for positive seal
- Epoxy powder coated safety red finish
- ATEX certified\*

\* Model FBS-00M is provided as non-ATEX CE listed standard. ATEX version is available upon request.

### CERTIFICATIONS & STANDARDS

EN 15650  
EN 1366-2  
EN 13501-3



### OPTIONAL FEATURES

- Thermal Probes for rapid temperature rise activation
- Microswitch for system shut down
- Compressed air reservoir tank
- Fire Suppression System
- Spark Detection and Extinguishing System

## DIMENSIONS

| PNEUMATIC<br>EM-FBS00P & EM-FBS00PH |      |     |     |     |            |
|-------------------------------------|------|-----|-----|-----|------------|
|                                     | A *  | B * | C * | D * | weight lbs |
| Ø 8"                                | 37"  | 22" | 13" | 24" | 48         |
| Ø 10"                               | 39"  | 24" | 13" | 29" | 55         |
| Ø 12"                               | 41"  | 26" | 13" | 30" | 60         |
| Ø 14"                               | 46"  | 28" | 13" | 35" | 68         |
| Ø 16"                               | 48"  | 30" | 13" | 36" | 75         |
| Ø 18"                               | 58"  | 32" | 13" | 44" | 88         |
| Ø 20"                               | 60"  | 35" | 13" | 45" | 95         |
| Ø 22"                               | 66"  | 37" | 13" | 50" | 110        |
| Ø 24"                               | 68"  | 40" | 13" | 51" | 130        |
| Ø 26"                               | 74"  | 42" | 13" | 56" | 150        |
| Ø 28"                               | 76"  | 44" | 13" | 57" | 180        |
| Ø 30"                               | 82"  | 46" | 13" | 62" | 205        |
| Ø 32"                               | 87"  | 47" | 21" | 64" | 230        |
| Ø 34"                               | 93"  | 49" | 21" | 69" | 255        |
| Ø 36"                               | 95"  | 51" | 21" | 70" | 285        |
| Ø 38"                               | 101" | 53" | 21" | 75" | 305        |
| Ø 40"                               | 103" | 56" | 21" | 76" | 320        |
| Ø 42"                               | 109" | 58" | 21" | 80" | 345        |
| Ø 44"                               | 111" | 60" | 21" | 81" | 370        |
| Ø 46"                               | 117" | 62" | 21" | 86" | 395        |
| Ø 48"                               | 119" | 64" | 21" | 87" | 420        |

\* Units in inches rounded to the closest whole number

| MAGNETIC<br>EM-FBS00M |     |     |     |     |            |
|-----------------------|-----|-----|-----|-----|------------|
|                       | A * | B * | C * | D * | weight lbs |
| Ø 8"                  | 37" | 22" | 13" | 24" | 48         |
| Ø 10"                 | 39" | 24" | 13" | 29" | 55         |
| Ø 12"                 | 41" | 26" | 13" | 30" | 60         |
| Ø 14"                 | 46" | 28" | 13" | 35" | 68         |
| Ø 16"                 | 48" | 30" | 13" | 36" | 75         |
| Ø 18"                 | 58" | 32" | 13" | 44" | 88         |
| Ø 20"                 | 60" | 35" | 13" | 45" | 95         |
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\* Units in inches rounded to the closest whole number

### Magnetic & Pneumatic

