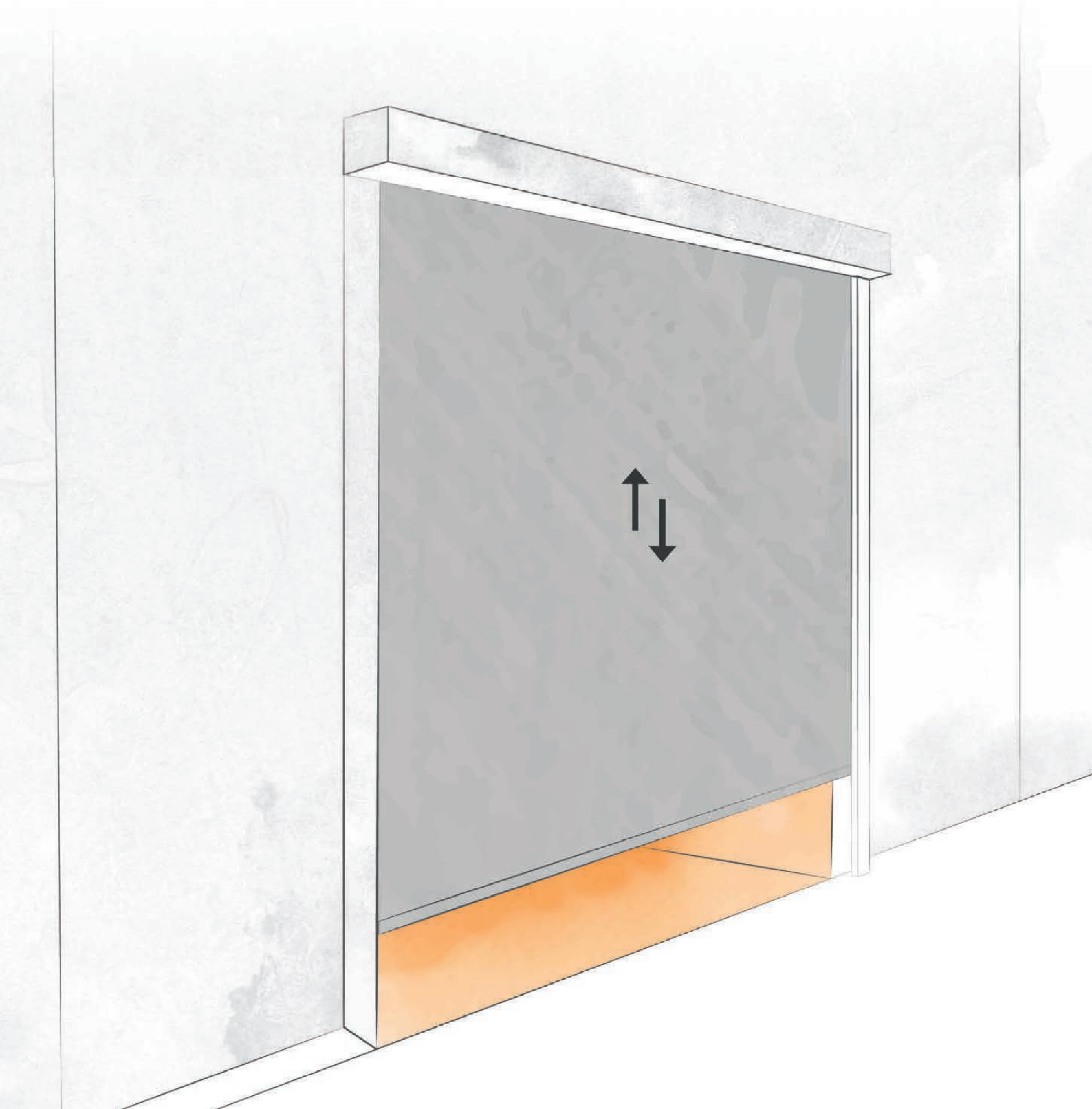# EFS ENGINEERING
FIRE PROTECTION SOLUTIONS

Fire & Smoke Curtain

Model: EFS-FC

Description

The fire and smoke curtain is activated in case of emergency when there is an indication of fire in the building. The curtain drops down from the ceiling and creates a fire barrier, allowing, among other things, a life-saving escape route. EFS-FC system is also rated to UL 1784 according to the requirements of smoke and draft control assemblies defined in NFPA 105.

Fire curtains provide an efficient solution for closing openings in the building, thereby preventing the spread of fire. The primary uses of fire curtains include:

- Entrances and exits from parking lots
- Wide doors in manufacturing halls and logistics centers
- Elevator openings
- Atrium spaces in public and commercial buildings
- Large spaces, like train stations and shopping centers

◊ The EFS-FC fire and smoke curtain is manufactured by EFS Engineering, offering a complete technical support
◊ The curtains have been tested and approved by (UL) (Underwriters Laboratories)

Tested and certified to

◊ UL 10D
◊ EN 1634-1
◊ UL 1784
◊ NFPA 105

Fire Integrity

Up to 120 minutes

Specifications

|	
Fabric	Fire resistant fabric, reinforced with stainless steel threads
Motor	24 VDC, installed in the upper barrel
Side Guides	Steel 2.5 mm, galvanized or powder coated
Bottom bar	Steel 2 mm, galvanized or powder coated
Head Box	GI 2mm, galvanized or powder coated
Total Weight	≈20 Kg /Sqm.
Classification \ Standards	UL 10D, EN 1634-1, UL 1784, NFPA 105
Certified by	UL (UL)

* Refer to UL Directory for detailed information

![EFS ENGINEERING - FIRE PROTECTION SOLUTIONS]

Single Barrel Curtain
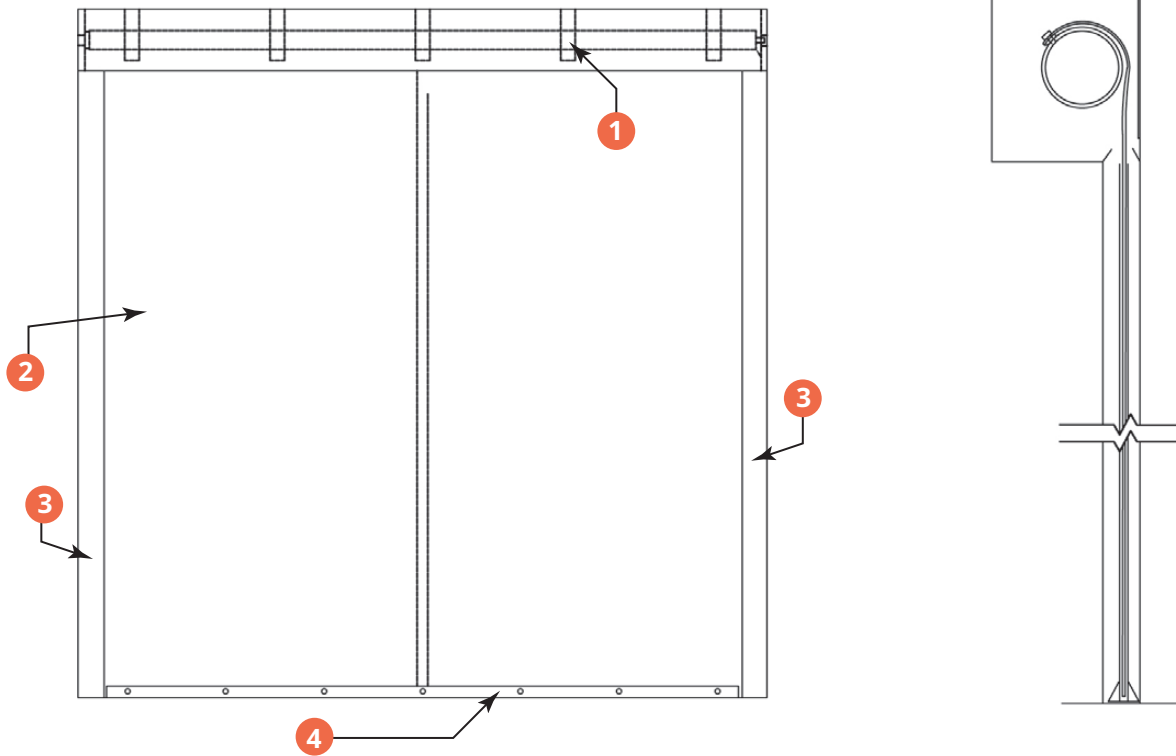
Legend

1	Head Box and Motor	**3**	Side Guides
2	Fire Proof Fabric	**4**	Bottom Bar

Multi Barrel Curtain

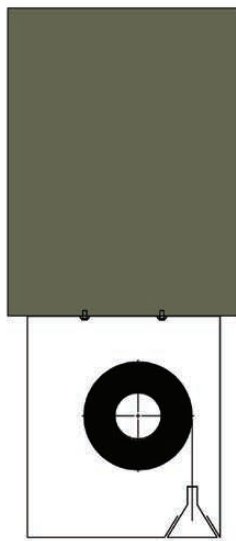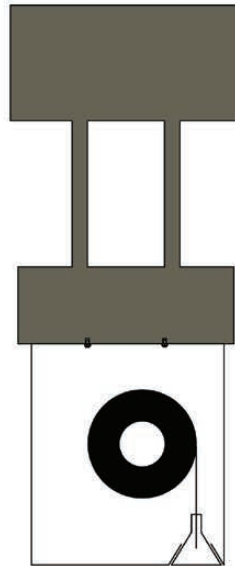![EFS ENGINEERING — FIRE PROTECTION SOLUTIONS]
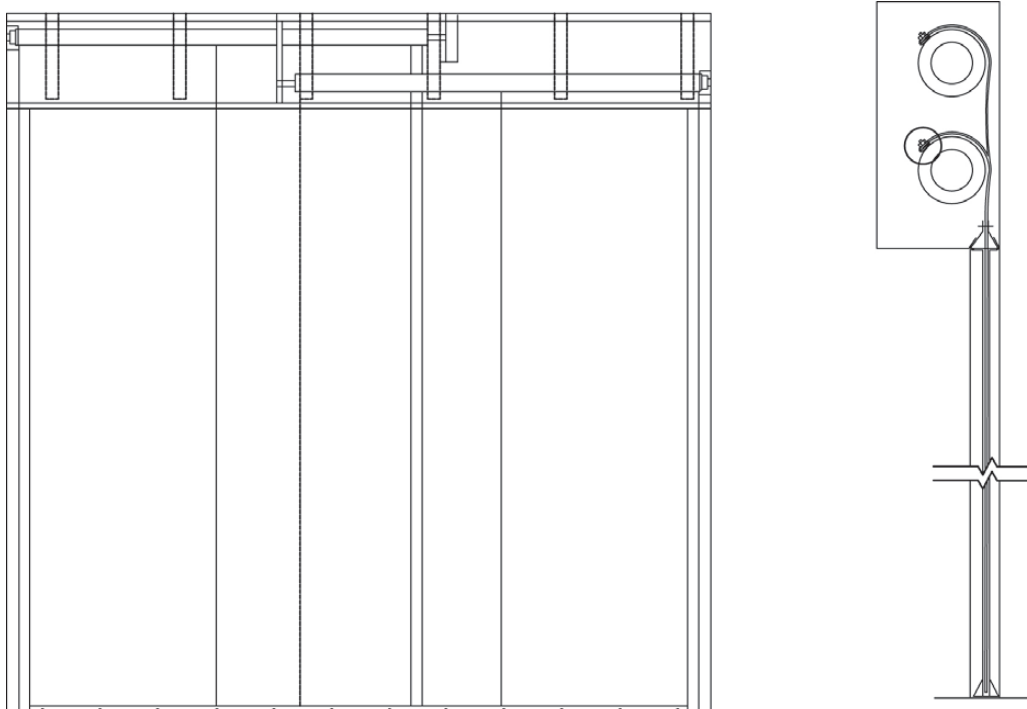
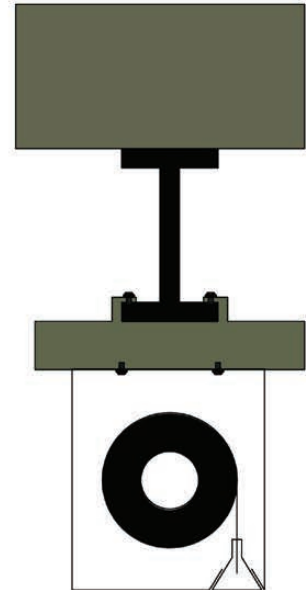# Installation Options

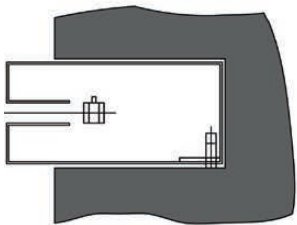## Head Box Installation
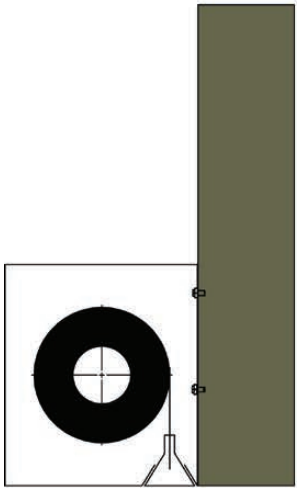
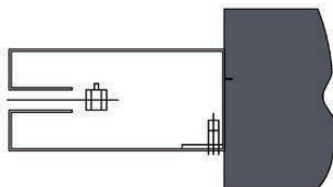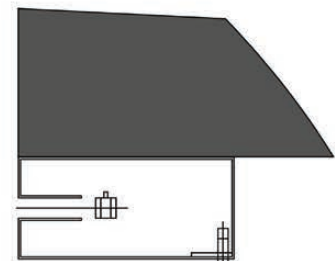| Wall fixing | Slab fixing | Drop rods fixing | I-Beam fixing |

Side Guides Installation

Side guide-inside the wall   Side guide-back mounting   Side guide-side mounting

Projects:

- Amazon
- Toyota
- Swissport
- IKEA
- Intel
- Microsoft
- Wix
- Decathelon
- General Electric
- SAP
- Cinema City
- Monday.com

EFS Engineering is an esteemed manufacturer specializing in fire protection products. The company places a strong emphasis on quality, leveraging technical expertise in both the development and manufacturing processes of fire protection products and systems. Our range of products has undergone thorough testing, adhering to international standards:

- Fire and Smoke Curtains: UL10D, UL 1784, NFPA 105, EN 1634.
- FlameWrap and Ductz+ Fire Resistant Duct Wrap: ASTM E2336, UL 2221, ULC S144, EN 1366-1, EN 1366-8.

Our products have successfully passed stringent tests conducted by certification bodies and independent international laboratories. They proudly bear prestigious quality marks in the realm of fire safety, including UL and ETL. Furthermore, EFS Engineering holds ISO 9001 certification, affirming our commitment to maintaining high standards in quality management.