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RAPID DOOR  
**VertiGO Fire**

**Industrial door for extreme environments**

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# What is it?

Fire is a rapid solution of the Vertigo range serving to optimize the closure of one or more rooms that divide environments where welds, grinding and production of hot material develop or, however, any type of incandescent effect related to the melting of material.

Max width › Up to 15m

Speed › Opening up to 0,5m/sec

Flame resistance › EI 120

Overview ↗



# Main features

## For extreme environments

The rapid door to stop accidents that could occur within a company that manages incandescent or radiating materials, for us, is best represented by our Fire door of the Vertigo range.

## Blocker

The fabric material of this special version helps to block smoke fumes, with a real smoke-cutting characteristic thanks to its special aluminized mesh, also composed of glass fibers.

Features

# Fireproof Smokecutter Extreme

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Used mainly to

**Processing industries**  
**Foundries**  
**Steel works**

Recommended  
for

**Joineries**  
**Woodlands**  
**Industrial garages**

[Discover other fields ↗](#)



# So, who's it meant for?

The rapid door VertiGO Fire are designed to help sectors that may run the risk of expulsion of hot material from processing, affecting a principle of flame to surrounding objects.

Steelworks, foundries or any processing company that uses fusion cutting methods or that generates heat during the machining process is considered plausible customer for a type of door such as Vertigo Fire.



# Fireproof

This rapid door has a specific double sheet with particular physico-chemical characteristics to allow the least flare and the damping of flame. Fiberglass with steel cables inside make not only special but unique this bispalmate silicone mantle.

# Smoke control

An aluminized fabric\* composed of microscopic splinters in fiberglass, which at first glance might look like a simple yellow fleece, serves to prevent as clearly as possible the escape of fumes from the room in which an active exhaust combustion develops.

\* aluminized fabric with a thickness of 0,4 mm, weighing 450 gr/m<sup>2</sup>, is certified to withstand a temperature of 600 °C up to 120 minutes.

## STRUCTURE

Beam and uprights	Self-supporting
Motor cover	Stainless steel AISI 304

## COVERING

Polyester curtain extra strong	Alu Fiber Glass Silicone Color Silver/Yellow Signal or Flame Retardant PVC
Ropes	External steel lifting cables and aluminium components

## SPEED

Opening > up to 0,5 m/s	Closing > up to 0,3 m/s
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## MECHANICAL AND ELECTRONIC

Control panel	Standard IP54 painted steel frame (300 x 500 x 150 mm) On request Stainless steel, PVC frame (300 x 400 x 150mm)
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Components and features	Motor and switchgear protection category IP54 Modular thermal protection Power transmitters Start/stop button Emergency stop button
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Power supply	Standard Power supply 3 HP, three-phase 400V On request Power supply 3 HP, three-phase 230V
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## TEST

Standard UNI EN 13241/CE

Watertight	Ref.s EN 12425, EN 12489	Class 1
Wind pressure	Ref.s EN 12424, EN 12444	Class 4
Air permeability	Ref.s EN 12426, EN 12427	Class 0
Transmittance	Ref.s EN 12428, EN 12428	6,02 W/m <sup>2</sup> K
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles

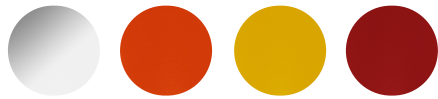
Operating temperature > -30 C°+70°C.

## SAFETY

Components	Standard Pair of photocells IP65 Safety Resistive Rib On request Multi-beam barrier H 2500 IP67
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Emergency opening	Standard Crank release On request Counterweight system, chain release
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RAL  
3000

Clear opening

2000

1000

1000

400

400

2000

1000

400

400

Total size

Account

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