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RAPID DOOR

**ZipGO** Pharma 

**Rapid door for clean rooms and sterile environments**

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# What is it?

The ZipGO Pharma rapid door was created to meet the needs of companies operating in sterile sectors, helping to maintain stable pressure environments, thus providing as aseptic a room as possible.

Structure › Stainless steel

Air Permeability › Up to Class 4

Overview ↗



**Flexible door  
for **sterile**  
**environments****

# Main features

## Low permeability

With a very low air permeability index we can attest that this rapid door is able to limit the passage of air in the closed condition.

## Hermetic

A door with special design guarantees the application in special environments, that is, in environments where it is necessary to conserve as much as possible the controlled air of a sterile environment, limiting as much as possible the entrance of bacteria outside the cleanroom.

# For cleanrooms

Roll-up door for sterile environments where maximum tightness and silence is required.

ZipGO Pharma is a high speed door that has been developed to meet the needs of transit between/and for sterile environments, where required, by regulation and/or logistical need, the most total preservation of the clean room air.

## So, who's it meant for?

ZipGO Pharma is a high speed door \* optimized for the operation of all those environments that need to work in conditions of extreme cleanliness, if not maximum asepticity.

\* the self-repairability on this door is guaranteed in case the pressure limit of  $\pm 60\text{Pa}$  is not exceeded.

Features

**Hermetic**  
**Silent**  
**+antibacterial**  
**Absence of oils**

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Used mainly to

**Hospital clean rooms**  
**Pharmaceutical**  
**companies**  
**Rooms for intensive care**  
**Cleanrooms**

Recommended  
for

**Cosmetic and herbal**  
**companies**  
**Biological laboratories**  
**Design studies**

[Discover other fields](#)<sup>↗</sup>

The ZipGO Pharma roll-up door is the professional solution able to operate easily in medical laboratories where there is a request to maintain high hygiene and pressure, in order to work with ventilation parameters and sanitization controlled.

# **Pa = $\pm 40$**

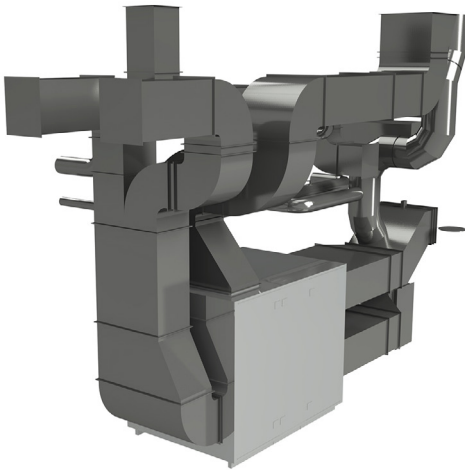
Pressure-tight 40Pa and max up to 50Pa\*

\* in the case of non-repairable guides.

**With the highest  
pressure  
resistance on  
the market,  
Pharma is ready  
for anything.**

**So? It's  
airtight.**

ZipGO Pharma is a high performance pharmaceutical door able to work in environments where the pressure exerts strong compressive and/or decompression forces during the working plates of the room, without allowing a high air permeability. Having designed a particular structure, almost totally waterproof, it remains able to resist greatly to air exchanges when it is being closed.



Pharma rapid doors are able to isolate sterile environments as much as possible, allowing the installation, never under or oversized, of all machinery for the management of ventilation, sanitization and air purification.

# Silent

The Pharma rapid door works by means of a high-speed Sommer motor that certifies a noise parameter equal to 3db. Overall, the rustling of the hinges inside the self-lubricating guides, the roller shutter and the other components, combined, show an increase of the value of 1.5db that bring the closure to a total parameter of 4db (A)\*, during operation.

The parameters were perceived by means of a Phonometer with data recorder RS PRO SLM1353M, 30db → 130db (weighing A, C)



**Low permeability. Less air exchange. As antibacterial as possible.**

# **Easy to sanitize and without lubricants.**

The Pharma has been developed specifically to allow the easiest maintenance over time by customers, considering the continuous necessity or the need to keep it with a state of high cleanliness.

In this video you can see how the operator applies extreme ease during the standard cleaning of the elements of the fast port ZipGO Pharma.

## STRUCTURE

Sizing	Width 4000 mm x Height 4000 mm
Beam and uprights	Not self-supporting in stainless steel
Lateral uprights	Standard 140 mm uprights On request Counterweight system with 240 mm uprights
Motor cover	Standard Galvanized steel A richiesta Powder coated steel, Stainless steel 441/316
Sliding	Patented system of guides in high density self-lubricating polyene and sliding hinge directly on the cloth

## COVERING

Double-sided PVC ripstop fabric	Standard Choice of colours weighing 950 gr/m <sup>2</sup> On request Insulated 7 mm (3.3 W/m2 k), Translucent 35/40%, FDA White, Antistatic
Windowy	Porthole
Type of window	Transparent crystal
Window colour	Transparent

## SPEED

Opening > up to 2,0 m/s	Closing > 0,5 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, IP65 PVC frame (300 x 400 x 150 mm)
Components and features	50/60 Hz inverter with absolute encoder Start/Stop button 2 clean contacts (door open/closed/alarm) Interconnection 2 doors automatic/ manual Motor and switchgear protection category IP54
Main supply	Standard Power supply 3 CV, 400V max 10A A richiesta Power supply 1 CV, 230V max 16A Power supply 3 CV, 230V max 16A
Wiring	Plug and Play IP65 system

## TEST

Standard UNI EN 13241/CE		
Watertight	Ref.s EN 12425, EN 12489	Class 1
Wind pressure	Ref.s EN 12424, EN 12444	Class 3
Air tightness	Ref.s EN 12426, EN 12427	Up to Class 4
Transmittance	Ref. EN 12428	6,02 W/m <sup>2</sup> K
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles
Operating temperature > 0/-10 C° Values may vary based on door sizing [...]		

## [...] SAFETY

### Components

Standard

Pair of IP65 photocells, anti-strain/reversal sensor, IP65 wireless resistive safety rib

On request

Multi-beam barrier H 2500 IP67

### Emergency opening

Standard

Mechanical key

On request

UPS battery

## Types and colors structure (RAL)



Inox  
441-316



RAL  
7037



RAL  
9010



Ask   
Other colors

## Colors PVC fabric (RAL)



RAL  
9010



RAL  
5002

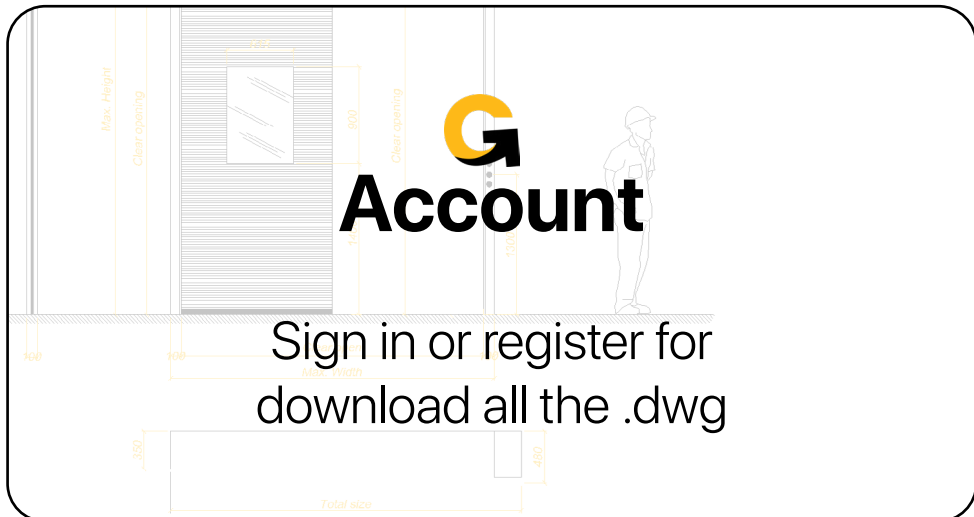


RAL  
6005



RAL  
7035

Ask   
Colour on request



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Technical drawing showing dimensions for a safety barrier installation. Key dimensions include: Max. Height, Clear opening, 1200, 900, 1200, 1300, 1000, 100, 1300, 480, and Total size.



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