RAPID DOOR

ZipGO *Clean Room*

Rapid door for clean rooms and sterile environments

What is it?

The ZIPGO CLEAN ROOM is a high-speed roll-up door designed to separate positive-pressure environments, preventing the transfer of contaminating particles and ensuring compliance with ISO air cleanliness classes as defined by EN ISO 14644.

Structure › Stainless steel
Air Permeability › Up to Class 4

Overview ↗

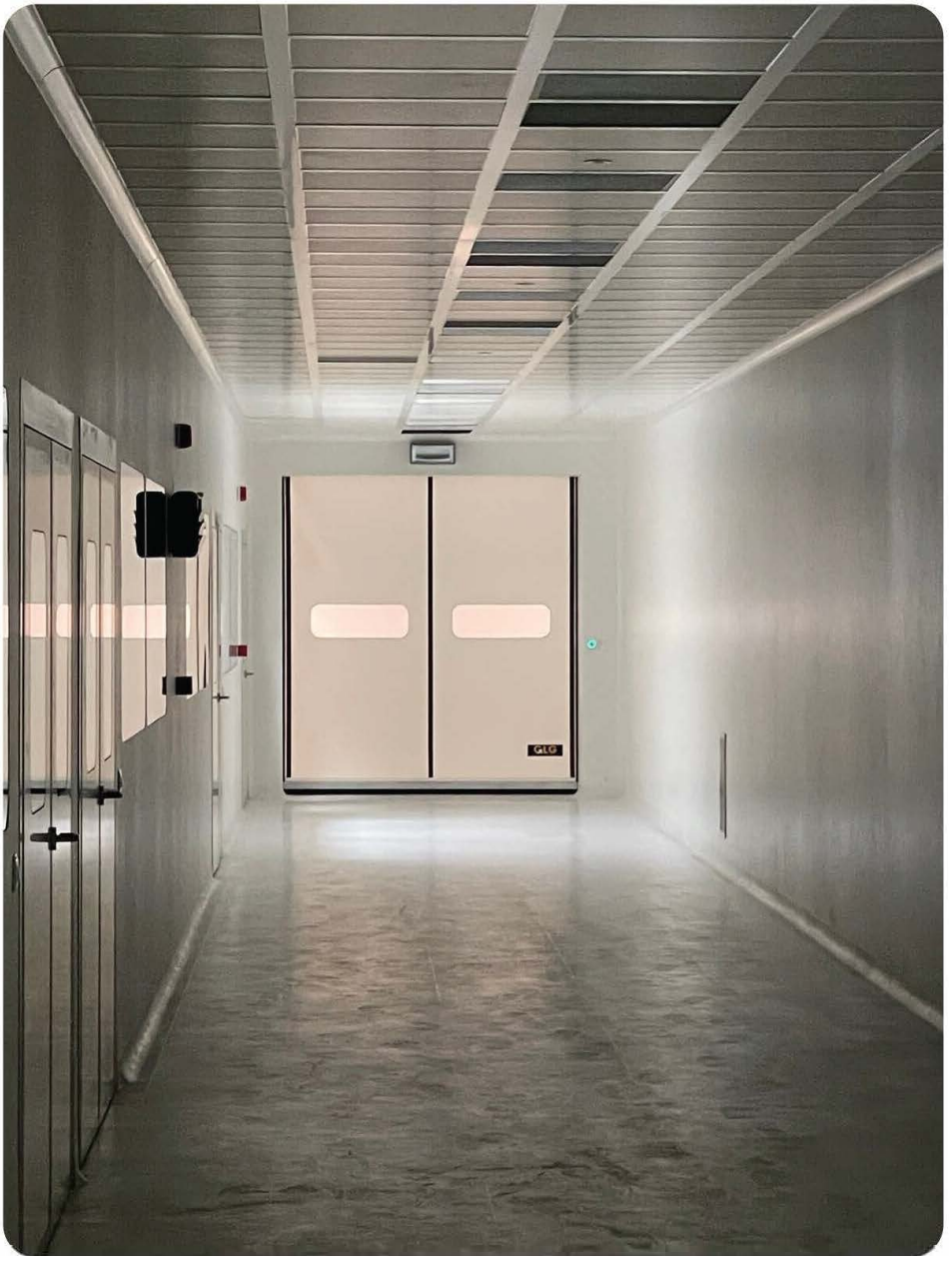
Flexible door for sterile environments


GLG


GLG


GLG
GLG


GLG


GLG

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

This model is intentionally non self-repairing: the reduced-section polizene uprights are precisely shaped to ensure maximum airtightness, eliminating any leakage paths. The polizene used is non-toxic, inert, with an extremely low coefficient of friction, and suitable for food contact—guaranteeing the highest safety and reliability.

For cleanrooms

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

ZipGO **Clean Room** 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 **Clean Room** 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.

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

The ZipGO **Clean Room** 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.

* only on application

Pa = ±40

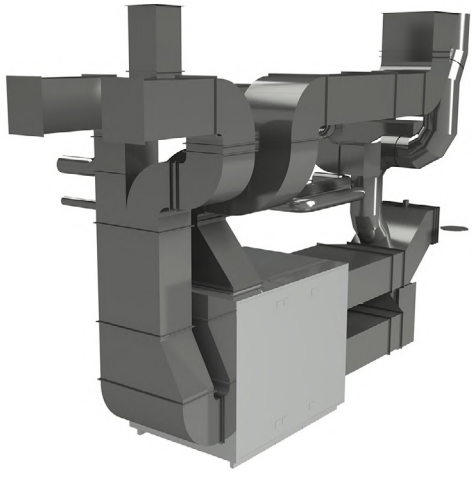
Pressure-tight 40Pa and max up to 50Pa*

*actually under testing

With the highest pressure resistance on the market, Clean Room is ready for anything.

So? It's airtight.

ZipGO **Clean Room** 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.



Clean Room 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 puri ication.

Silent

The **Clean Room** rapid door works by means of a high-speed Sommer motor that certi ies 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 Clean Room has been developed speci ically 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.

Hygienic and functional structure

Top head section: a single insulated stainless steel structure housing the motor inside, fully protected from contamination.

Bottom closure: contoured aluminium bar with a dedicated sealing gasket in contact with the floor for continuous, uniform sealing.

STRUCTURE

Sizing	Width 5000 mm x Height 5000 mm
Structure	Top head section: a single insulated stainless steel structure housing the motor inside, fully protected from contamination. Bottom closure: contoured aluminium bar with a dedicated sealing gasket in contact with the floor for continuous, uniform sealing.
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/m² 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

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/m²K
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 ↗

GLG

Enter the GLG world

Account

Remember that on our portal you can always take advantage of a number of useful features for your future logistics purchases.

www.glgdoors.com