RAPID DOOR

ZipGO COLD

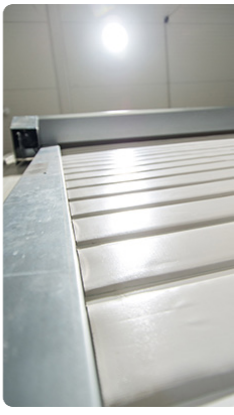
Cold Storage Rapid Door

What is it?

It is a roll-up door that, making different changes to both the PVC fabric and the structure, is able to reduce the problems of controlled transit between two environments at different temperatures.

Operating temperature › Up to -30°C
Transmittance › **from 3,3 W/m²K to ≤ 2,0 W/m²K**

Overview ↗



Main features

Insulating

We can block the cold like no other, by means of a special door that manages to form a large block to the transfer of temperature from one environment to another.

2,200
mW/m^2K
* K thermal tested

Snappy

By means of an absolute encoder combined with the snappy German efficient motor we are able to guarantee a always prompt response, both during the opening and closing phase.

Always fast

Even in extreme conditions of low temperature* the door is guaranteed to operate continuously with top speeds of up to 1.8m/s in order to always allow a rapid transition from one environment to another, avoiding the dispersion of heat between the two environments.

* for the level of low temperature to be stored or, more precisely, for the temperature difference to be preserved you can recommend different types of variants and optional on this version, in order to achieve insulation powers higher than the standard version.

Features	**Insulating** **Swallowing** **Scalable**
Used mainly to	**Cold storage rooms** **Low temperature warehouses** **Food storage**
Recommended for	**Laboratories** **Clearing houses**

So, who's it meant for?

ZipGO Cold was designed to support all those logistics companies that need to operate frantically between two environments at different temperatures.

The ZipGO Cold flexible rapid door is one of the high speed doors with the highest certified performance index in extreme cold conditions on the market.

De-icer at -30°C

For the most extreme environments, in a particular version, the Cold rapid door is also equipped with heating cables inside the structure.

ZipGO Cold Rapid door with double insulated PVC fabric before the installation of the heating kit in the structure.

Heat resistance

Right inside the structure, both of the cross casing and of the side pillars, the door is equipped, in a pre-wired form by production, with thermal resistances that prevent the door structure* from freezing, avoiding unpleasant accidents against operators.

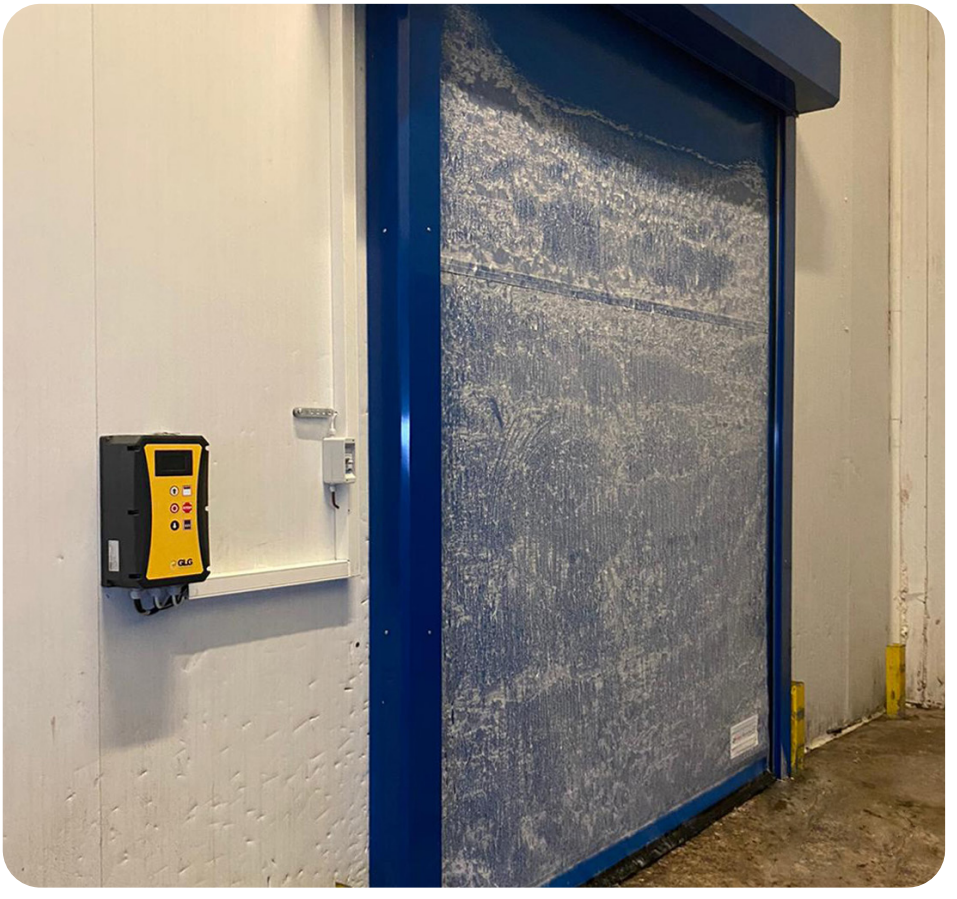
* the heating cables in the structure, operating at higher temperatures than the operating environment of the freezer, allow the reduction of the formation of stalactites on the cross casing, reducing the possibility of accident.

Variant

Insulated single core

Up to -10°C

In standard version, the ZipGO Cold rapid door allows to block the cold thanks to the already important insulated surface that forms an insulating barrier in the cold with micro air chambers in the insulating material.



Variant

Double insulated sheet

From -10°C to -30°C

By means of a special high frequency welding we are able to build a mantle with thermal conductivity values and insulating index double compared to the insulating single core. Those who choose this type of door need to block the cold in environments where there is a negative-/-negative temperature difference between two different environments.

Variant

Padded

From +2°C to -15°C

Represented by the double insulated fabric with the insertion of expanded polyethylene sponge inside the pockets formed by the two insulating fabric, this fabric has a specific feature of maintaining the operating temperatures between two negative-environments/-positive or high humidity difference, always between two adjacent environments.

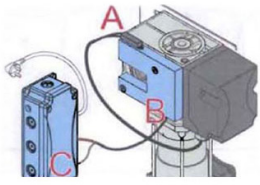
Efficiency and performance in a single idea.

It is specified that, for a matter of energy saving and therefore of overall efficiency of the building, the air blade operates only when it is being opened, limiting as much as possible the interchange of air molecules outside the room at controlled temperature that looking at consumption intelligently.

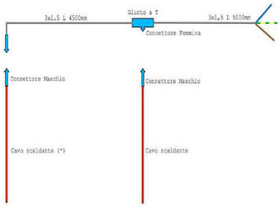
ALT. Block the dispersion

During the opening phase of the door we provided an optional for the dispersion and the exchange of heat between the rooms by installing a hot air blade outside the structure.

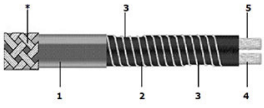
Accessories and integrations



230VAC motor heating unit with automatic temperature sensor



Heating cable kit for ZIP guides (230VAC 30W/m)



Heating cable for ZIP rails (230VAC 30W/m)

Find out more ↗

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