



RAPID DOOR

ZipGO FOOD

Industrial door for food environments

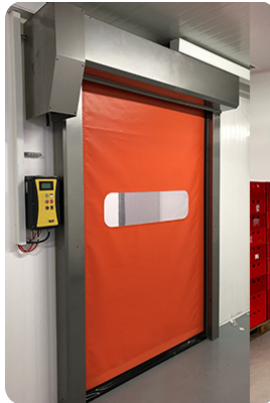


What is it?

The ZipGO Food self-repairing door has been designed to divide all those processing, seasoning or storage spaces of food environments. It often divides internal areas that connect flows of people with industrial machinery in conditions of permeability, cleanliness, visibility and speed at high standards.

Speed › Opening up to 2.0 m/s
Structure › With accentuated angled components for greater cleanliness

Overview ↗



Features

Compliant

The hygienic-sanitary regulations in the food sector are known to be, rightly, extremely strict on the operations to be carried out for the maintenance cleaning of objects that are around the food. For this reason we have designed this version with practical disassembly in order to allow easy autonomous maintenance for those who use it.

Practice for the hygiene

The high speed door ZipGO Food is a particular quick closing with features suitable to meet the demand of the food industry, both in terms of requirements and in terms of hygiene and health regulations. In all its variants, this version is born with linear section with only 2 types of angles, at 90 or at 45, serving to reduce as much as possible the surface increase ergo the greatest accumulation of dirt.

High standard

Self-repairing door for food industry where very strict cleaning standards and efficiency must be respected.

ZipGO Food is a roll-up self-repairing door that versatile satisfies the logistical needs of different food sectors where very frequent maintenance and inspection is required.



Features

Comply with regulations
Minimal design
High strength
Specific layers and structures

Used mainly to

Storage
GDO
Food industry

Recommended
for

Laboratories
Chemistry ATEX
Automotive
Generic industry

[Discover other fields ↗](#)



So, who's it meant for?

ZipGO Food is an industrial door designed to optimize both logistics operations and mandatory actions required by law to all those companies that operate directly or indirectly in the food industry.

The ZipGO Food is the GLG rapid door with the highest certified air permeability performance index in the ZipGO range.



In compliance with sanitary regulations

Designed for practical use in food environments

By means of a specific design our engineers have been able to design an industrial rapid door that is both perfectly in line with what is expressed by the regulatory text in the field of industrial hygiene and sanitization that optimizing processes required by be fulfilled on it.

Beautiful yes

but for practicality

With a highly minimal design we have been able to develop a door that can break down both the structural folds and the support surfaces to the maximum, in order that the dust could have the least space on which to stop.

Stainless steel

This door is formed by an easily modular stainless steel structure with different types of stainless steel finishes to unequivocally grant compliance in different types of food environments.

INOX 441

AISI 304 Scotch Brite

INOX 316L Naval

The ZipGO Food INOX rapid door has been designed with particular attention to hygiene, so much so that it has obtained food certification in several European countries and in the USA.

Structure in HD polyethylene

With the PE variant it is possible to obtain a very versatile food-grade polyethylene structure suitable for immediate cleaning of the structural elements of the door.

PVC surface Antistatic

Even if it is not required by the regulations of your specific food industry, you can also request the equipment with antistatic cloth that allows a reduction of the electrostatic charge on the mantle ergo a reduction of the attraction of dust.

Polyurethane covering FDA

It is always possible to request the equipping of mantle in FDA (Food and Drug Administration) fabric or, a special food cloth not treated with solvents and industrial chemicals that is mandatory by law in certain food environments where food could come into contact with the door.

With std PVC surface

Variant

INOX or HDPE

Where no specific regulations are required, it is possible to refer to the classic PVC base covering, selecting only the structural type to be installed, that is: stainless steel or high density polyethylene.



INOX



HDPE

Variant

Cheese

We can assist food companies that need specific solutions to control both the temperature and the specific humidity within the ripening chambers for fruits, vegetables or any other organic product that, If it is stored in environments with not constant climatic factors, it may suffer a significant loss of quality.

Variant

"Goccia"

By means of a special fold on the cross-section housing and a drainage gutter system it is possible to consider a specific variant capable of blocking as much as possible the drip on the ground, derived from water jets or from the formation of condensation inside the chamber.

| STRUCTURE | | FOOD BASIC |
|------------------|--|------------|
| Cross-beam | Carterized with powder coated or treated perimeter structure | |
| Lateral uprights | Painted/treated and pressed with slide guides in extruded polyethylene 1,000,000 molecules | |
| Motor cover | Painted or treated steel | |
| Sliding | A cerniera laterale auto lubrificante senza barre rigide | |

| STRUCTURE | | FOOD INOX |
|-------------------|---|-----------|
| Beam and uprights | Standard Not self-supporting, with cross section with multiple points of fold/rectangular rounded stainless steel and with rectangular uprights section with 2 points of fold. A richiesta Sezione traversa, montanti e carter motore in acciaio fioretato | |
| Sizing | Width 6500 mm x Height 6500 mm | |
| Motor cover | Standard Stainless steel 441 On request Steel 304/316 | |
| Sliding | System with high density self-lubricating polyene guides and sliding hinge on the cloth | |

| STRUCTURE | | FOOD HDPE |
|-------------------|---|-----------|
| Beam and uprights | Not self-supporting, with rectangular stainless steel cross section and rectangular uprights section in high density polyethylene (HDPE). | |
| Sizing | Width 4500 mm x Height 3800 mm | |
| Motor cover | Stainless steel | |
| Sliding | System with high density self-lubricating polyene guides and sliding hinge on the cloth | |

| STRUCTURE | | FOOD CHEESE |
|------------------|---|-------------|
| Sizing | Width 6000 mm x Height 6000 mm | |
| Cross-beam | Standard Carterized rectangular/domed upper crossbar. Galvanized 20/10 perimeter structure with galvanization 200 microns. On request Possible overpainting with epoxy powders 160/180 microns | |
| Motor covering | Stainless steel | |
| Lateral uprights | Extruded polyethylene slide 1,000,000 molecules | |
| Sliding | Maintenance-free lubricating auto hinge system with seal seal | |

| STRUCTURE | | FOOD GOCCIA |
|-------------------|---|-------------|
| Sizing | Width 6500 mm x Height 6500 mm | |
| Beam and uprights | Not self-supporting stainless steel with cross section rectangular/domed inclined 15 somebody | |
| Motor cover | Stainless steel 441/304 | |
| Sliding | System with high density self-lubricating polyene guides and sliding hinge on the cloth | |

| COVERING | | FOOD BASIC |
|---------------------------------|--|------------|
| Double-sided PVC ripstop fabric | Standard Choice of colours weighing 950 gr/m ² 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 | |

| COVERING | | FOOD INOX |
|---------------------------------|---|-----------|
| Double-sided PVC ripstop fabric | Standard Choice of colours weighing 950 gr/m ² On request Translucent 35/40%, FDA white, antistatic | |
| Windowy | Porthole | |
| Type of window | Transparent crystal | |
| Window colour | Transparent | |

| COVERING | | FOOD HDPE |
|---------------------------------|---|-----------|
| Double-sided PVC ripstop fabric | Standard PVC fabric 1300 gr/m ² , 6 W/m ² K On request Translucent 35/40%, FDA white, antistatic | |
| Windowy | Porthole | |
| Type of window | Transparent crystal | |
| Window colour | Transparent | |

| COVERING | | FOOD CHEESE |
|---------------------------------|---|-------------|
| Double-sided PVC ripstop fabric | Choice of colours weighing 950 gr/m ² | |
| Seals | In contact at the top between the mantle and the cross-section housing, thick-walled polystyrene guides on the uprights | |
| Windowy | Porthole | |
| Type of window | Transparent crystal | |
| Window colour | Transparent | |

| COVERING | | FOOD GOCCIA |
|---------------------------------|---|-------------|
| Double-sided PVC ripstop fabric | Standard Choice of colours with a weight of 900 gr/m ² On request Translucent 35/40%, FDA white, antistatic | |
| Windowy | Porthole | |
| Type of window | Transparent crystal | |
| Window colour | Transparent | |

SPEED

FOOD BASIC

Opening > up to 2,0 m/s

Closing > up to 0,5 m/s

SPEED

FOOD INOX

Opening > up to 2,0 m/s

Closing > up to 0,5 m/s

Optional speed > ≥ 2,5 m/s

SPEED

FOOD HDPE

Opening > up to 2,0 m/s

Closing > 0,5 m/s

SPEED

FOOD CHEESE

Opening > up to 2,2 m/s

Closing > up to 0,5 m/s

SPEED

FOOD GOCCIA

Opening > up to 1,0 m/s

Closing > up to a 0,5 m/s

MECHANICAL AND ELECTRONIC

FOOD BASIC

Control panel

IP54 painted steel frame (300 x 500 x 130 mm)

- Components and features
- Emergency stop button

Door lock disconnecter

Single phase inverter with max power 2.2 kW

Three-phase control inverter with max power 4 kW

M8/M12 IP65 connector wiring

Display of status/errors display

Relay location

Compass functions

Main supply

Three-phase self-braking connected directly to the winding shaft, fully carterized, absolute position encoder.

MECHANICAL AND ELECTRONIC

FOOD INOX

Control panel

Standard

PVC panel (300 x 400 x 150 mm)

On request

Stainless steel, IP54 painted steel (300 x 500 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

On request

Power supply 1 CV, 230V max 16A

Power supply 3 CV, 230V max 16A

| MECHANICAL AND ELECTRONIC | | FOOD HDPE |
|---------------------------|--|-----------|
| Control panel | Standard IP65 PVC panel (300 x 400 x 150 mm) On request Stainless steel, IP54 painted steel (300 x 500 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 richesta Power supply 1 CV, 230V max 16A Power supply 3 CV, 230V max 16A | |
| Wiring | Plug and Play IP65 system | |

| MECHANICAL AND ELECTRONIC | | FOOD CHEESE |
|---------------------------|--|-------------|
| Control panel | Painted Metal Case (300 x 500 x 130 mm) | |
| Components and features | Single phase inverter with max power 2.2 kW Three-phase control inverter with max power 4 kW M8/M12 IP65 connector wiring Display of status/errors display Relay location Compass function Door lock disconnecter Emergency stop button | |
| Main supply | Three-phase self-braking connected directly to the winding shaft (fully carterized) and absolute position encoder. | |

| MECHANICAL AND ELECTRONIC | | FOOD "GOCCIA" |
|---------------------------|--|---------------|
| Control panel | Standard IP65 PVC panel (300 x 400 x 150 mm) On request Stainless steel, IP54 painted steel (300 x 500 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 richesta Power supply 1 CV, 230V max 16A Power supply 3 CV, 230V max 16A | |
| Wiring | Plug and Play IP65 system | |

TEST

FOOD BASIC

Standard UNI EN 13241/CE

| | | |
|------------------------|--------------------------|---------------------------------------|
| Air permeability | Ref. EN 12426:2001 | Class 2 |
| Standard soundproofing | ISO 170 | 15 dB Rw |
| Water resistance | Ref. EN12426 | 0.11 kPa for closed door – Class 3 |
| Performance | Ref.s EN 12604, EN 12605 | 1.000.000 of cycles > 200 cycles/hour |

Operating temperature > – 10 C°+ 70°C

TEST

FOOD INOX

Standard UNI EN 13241/CE

| | | |
|------------------|--------------------------|---------------------|
| Watertight | Ref.s EN 12425, 12489/CE | Class 1 |
| Air permeability | Ref. EN 12426:2001 | Class 2 |
| Transmittance | Ref. EN12428 | 6,02 W/m²K |
| Performance | Ref.s EN 12604, EN 12605 | 1.000.000 of cycles |

The above values may vary based on the door sizing

Operating temperature > 0/-10 C°

TEST

FOOD HDPE

Standard UNI EN 13241/CE

| | | |
|------------------|--------------------------|---------------------|
| Watertight | Ref.s EN 12425, 12489/CE | Class 1 |
| Air permeability | Ref. EN 12426:2001 | Class 2 |
| Transmittance | Ref. EN 12428 | 6,02 W/m²K |
| Performance | Ref.s EN 12604, EN 12605 | 1.000.000 of cycles |

Operating temperature ≥ 0 C° not suitable for positive/negative temperatures

The above values may vary based on the door sizing

TEST

FOOD CHEESE

Standard UNI EN 13241/CE

| | | |
|------------------|--------------------------|------------------------------------|
| Water resistance | Ref. EN 12426 | 0.11 kPa for closed door – Class 3 |
| Air permeability | Ref. EN 12426:2001 | Class 4 |
| Soundproofing | Ref. ISO 717 | 15 dB Rw |
| Performance | Ref.s EN 12604, EN 12605 | 1.000.000 of cycles > 200/hour |

The above values may vary based on the door sizing

TEST

FOOD "GOCCIA"

Standard UNI EN 13241/CE

| | | |
|------------------|--------------------------|---------------------|
| Watertight | Ref.s EN 12425, 12489/CE | Class 1 |
| Air permeability | Ref. EN 12426:2001 | -- * |
| Transmittance | Ref. EN 12428 | 6,02 W/m²K |
| Performance | Ref.s EN 12604, EN 12605 | 1.000.000 of cycles |

* the air permeability test on the Goccia variant is not suitable as the main feature of the door is to channel water.

Operating temperature > 0/-30 C°

The above values may vary based on the door sizing

| [...] SICUREZZA | | FOOD BASIC |
|-------------------|---|------------|
| Components | Standard | |
| | Pair of Costa resistive safety sensors IP65 | |
| | On request | |
| | Multi-beam barrier H 2500 IP67 | |
| Emergency opening | Standard | |
| | Crank release | |
| | On request | |
| | Counterweight system, chain release | |

| [...] SICUREZZA | | FOOD INOX |
|-------------------|--|-----------|
| Components | Standard | |
| | Pair of IP65 photocells, anti-strain/reversal sensor | |
| | On request | |
| | Costa resistiva di Sicurezza IP65 Wireless, Barriera a Raggio Multiplo H 2500 IP67 | |
| Emergency opening | Standard | |
| | Crank release | |
| | Su richiesta | |
| | Chain release, UPS battery | |











| [...] SICUREZZA | | FOOD HDPE |
|-------------------|--|-----------|
| Components | Standard | |
| | Pair of IP65 photocells, anti-strain/reversal sensor | |
| | On request | |
| | IP65 Wireless Security Resistive Coast | |
| Emergency opening | Standard | |
| | Crank release | |
| | On request | |
| | Chain release, UPS battery | |

| [...] SICUREZZA | | FOOD CHEESE |
|-------------------|---|-------------|
| Components | Standard | |
| | Pair of IP65 photocells, anti-strain/reversal sensor | |
| | On request | |
| | IP65 Wireless Resistive Safety Rib, H 2500 IP67 Multiple Radius Barrier | |
| Emergency opening | Standard | |
| | Crank release | |
| | On request | |
| | Chain release, UPS battery | |

| [...] SICUREZZA | | FOOD "GOCCIA" |
|-------------------|--|---------------|
| Components | Standard | |
| | Pair of IP65 photocells, anti-strain/reversal sensor | |
| | On request | |
| | IP65 Wireless Security Resistive Coast | |
| Emergency opening | Standard | |
| | Crank release | |
| | On request | |
| | Chain release, UPS battery | |











Types and colors structure (RAL)

FOOD BASIC

| | | | | |
|--|---|---|---|---|
|  |  |  |  |  |
| Steel Treated | RAL 5010 | RAL 6005 | RAL 9010 | RAL 3000 |
|  |  |  |  |  |
| RAL 7037 | RAL 2004 | RAL 9006 | RAL 9005 | Ask Other colors ↗ |












Types and colors structure (RAL)

FOOD INOX

| | | | | |
|--|---|---|---|---|
|  |  |  |  |  |
| Steel INOX 441 | RAL 5010 | RAL 6005 | RAL 9010 | RAL 3000 |
|  |  |  |  |  |
| RAL 7037 | RAL 2004 | RAL 9006 | RAL 9005 | Ask Other colors ↗ |












Types and colors structure (RAL)

FOOD HDPE

| | | | | | |
|--|---|---|---|---|--|
|  |  |  |  |  |  |
| INOX 441 | Polyethylene HDPE | RAL 5010 | RAL 6005 | RAL 9010 | RAL 3000 |
|  |  |  |  |  | |
| RAL 7037 | RAL 2004 | RAL 9006 | RAL 9005 | Ask Other colors ↗ | |

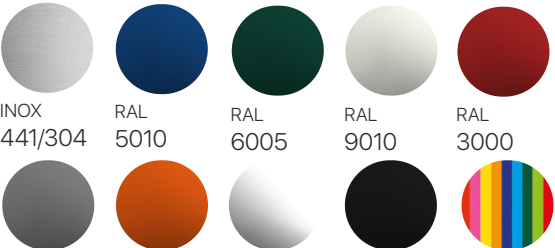
Types and colors structure (RAL)

FOOD CHEESE

| | | | | | |
|--|---|---|---|---|---|
|  |  |  |  |  | |
| Inox 441-316 | Steel Treated | RAL 5010 | RAL 6005 | RAL 9010 | |
|  |  |  |  |  |  |
| RAL 3000 | RAL 7037 | RAL 2004 | RAL 9006 | RAL 9005 | Ask Other colors ↗ |

Types and colors structure (RAL)

FOOD "GOCCIA"



INOX
441/304

RAL
5010

RAL
6005

RAL
9010

RAL
3000

RAL
7037

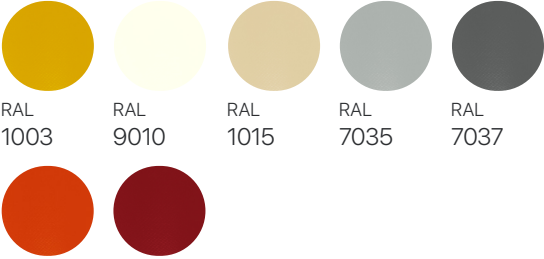
RAL
2004

RAL
9006

RAL
9005

Ask
Other colors

Colors PVC fabric (RAL)



RAL
1003

RAL
9010

RAL
1015

RAL
7035

RAL
7037

RAL
2004

RAL
3002

Ask
Colour on request



Max. Height
Clear opening
Max. Width
Clear opening
Total size

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