



RAPID DOOR

ZipGO FOOD

Industrial door for food environments

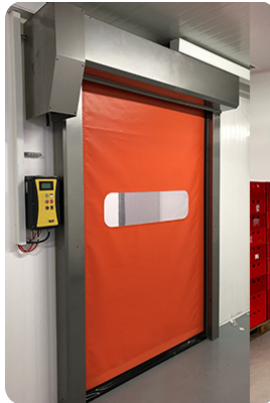


What is it?

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 fiorettato	
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
Log in to
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