

COMMERCIAL SLIDING DOOR 002



// Application

- Sliding door for cold storages rooms used for preservation (+0°C) and freezing (-20°C).
- Installation in any type of business, shop, supermarket or in the catering and hospitality sector.

// Advantages

- **Guide cover included.**
 - **New guide system** with greater precision for regulation. **Symmetrical guide system.**
 - **New lower guide** without visible screws
 - Pre-mounted doors.
 - High flexibility co-extruded EDPM weather strip.
 - Four-point precision adjustment.
 - Available in stainless steel and anodised aluminium.
 - Easy access to guide during installation / adjustment / repair.
 - Low wear of mechanical elements.
 - Light and versatile door.
 - Self-supporting frame.
- Quick, easy and intuitive installation (cost saving)
 - High degree of sealing, insulation, and ease of adjustment to installation position.
 - Ease of adjustment (fast and efficient installation).
 - Corrosion resistance and reliability in aggressive environments (depending on finish).
 - Ease of maintenance.
 - Does not require any auxiliary structure (saving time and costs).

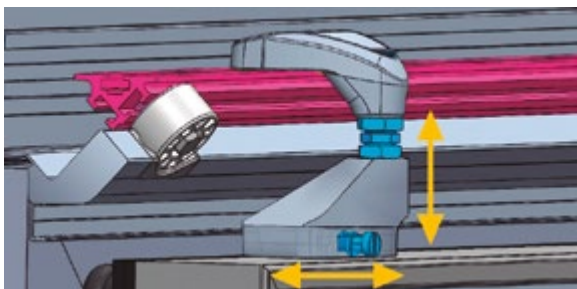
WORKING TEMPERATURES

Temperature	+0°C	-20°C
Leaf thickness	80mm	100mm
Heating element power	—	40W/m

MAXIMUM DIMENSIONS

Opening width	Max. 2m
Opening height	Max. 2.6m
Other specific dimensions upon request	

Standard features



Guide system



Closing system detail



frame



Lower guide without visible screws

Sealing system

- Hermetic seal with 45° drop, made from stainless steel and extruded aluminium; allows manual opening with minimum effort.
- Internal and external handles, all screws made from stainless steel and anodised aluminium, designed and manufactured by Infracra.

Frame

- Constructed from L-section extruded aluminium with thermal break, 20 micron anodising treatment or white lacquered finish.
- Doors finished in stainless steel come with the frame finished in anodised aluminium.
- Frames for panel chambers are supplied with counter frames made from white-lacquered extruded aluminium, suitable for all panel thicknesses.
- Supplied with white-lacquered counter frames.

Leaves

- Overlap the frame, with internal supporting frame (depending on thickness) and anodised aluminium frame.
- Injected polyurethane with density of 40-45kg/m³. Sealing guaranteed by high flexibility co-extruded EDPM double weather strip.
- Available finished in painted steel (colour stripe), AISI 304/2B stainless steel, PVC, GFRP, etc.

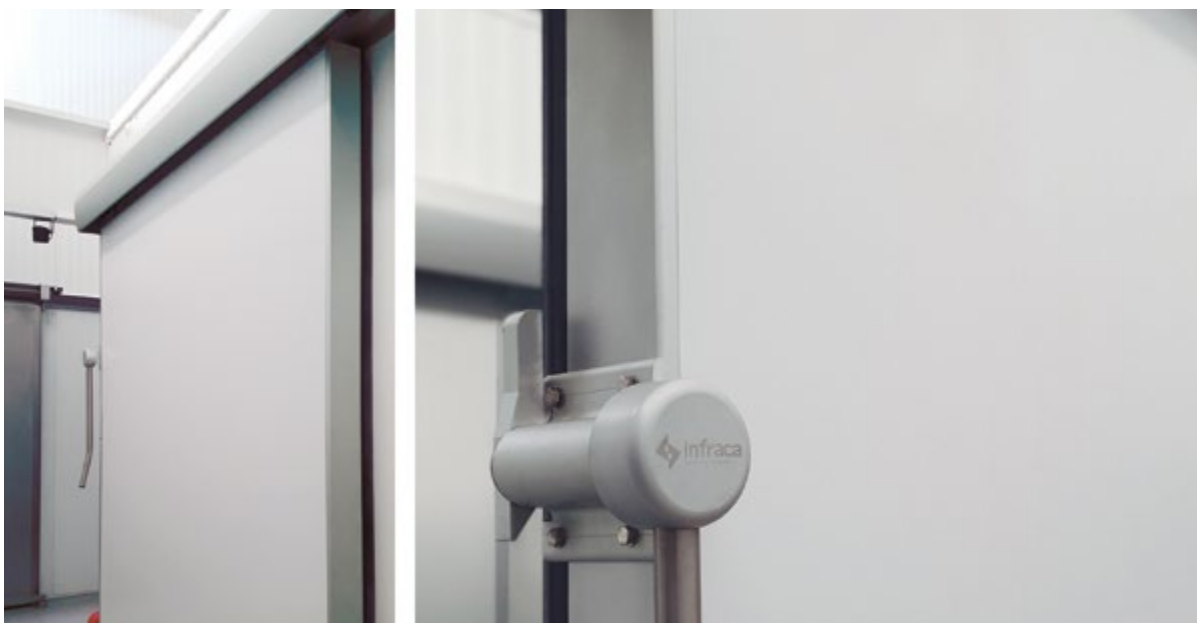
Optional features

- Track/ Guide cover.
- Key lock (IFL01/IFL02).
- Glazed observation window 300x300 for preservation doors.
- Support handle.
- Stainless steel / checkerboard bumper.
- Electromagnetic latch.
- Frame with cut-out for overhead rails.
- Any type of frame.
- Sideways guide option so floor is not modified (+0°C version only).
- Automation.

Distinguishing features

- Patented self-supporting guide system over the frame. **High strength.**
- Exclusive frame and counter frame system. **Adaptable to any thickness.**
- Frame/ threshold embedded in floor allowing forklift access and including heating element housing. **Ease of maintenance.**
- Fluorescent internal handle base plate. **Security.**
- New guide design facilitates installation of the door, producing a more compact system and improved appearance of the assembly.
- CE Mark

INDUSTRIAL SLIDING DOOR (IF)



Application

- Industrial sliding door suitable for cold storage rooms used for preservation (+0°C), freezing (-20°C) and tunnel freezing (-40°C). Recommended in cold chambers and entrance areas where doors with large dimensions or overhead rails are required.

Advantages

- **Guide cover included.**
- **New guide system** with greater precision for regulation. **Symmetrical guide system.**
- **New lower guide** without visible screws Pre-mounted doors.
- High flexibility co-extruded EDPM double weather strip.
- Four-point precision adjustment.
- Available in stainless steel and anodised aluminium.
- Easy access to guide during installation / adjustment / repair.
- Low wear of mechanical elements.
- Patented sealing system.
- Up to seven polyethylene bearings, depending on size.
- Self-supporting frame.
- High degree of sealing and insulation.
- Ease of adjustment (fast and efficient installation).
- Corrosion resistance and reliability in aggressive environments.
- Easy and low maintenance.
- Guaranteed sealing.
- High strength and durability.
- Does not require any auxiliary structure (saving time and costs).

WORKING TEMPERATURES

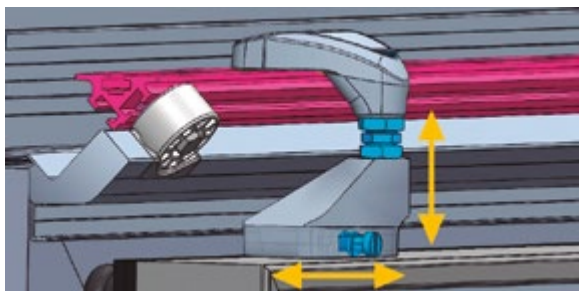
Temperature	0°C	-20°C	-40°C
Leaf thickness	90 - 100mm	120mm	140mm
Heating element power	—	40W/m	50W/m

MAXIMUM DIMENSIONS

Opening width	Max. 4m
Opening height	Max. 6m
Maximum total area	Max. 12 m ²

Other specific dimensions upon request

Standard features



Guide sistem



External handle



frame



Lower guide without visible screws

Sealing system

- Hermetic seal with 45° drop, made from stainless steel and extruded aluminium; allows manual opening with minimum effort.
- Internal and external handles and all screws made from stainless steel and anodised aluminium, designed and manufactured by Infrac.

Frame

- Constructed from L-section extruded aluminium with thermal break, 20 micron anodising treatment or white lacquered finish.
- Doors finished in stainless steel come with the frame finished in anodised aluminium. The counter frames may be anodised as an option.
- Frames for panel chambers are supplied with counter frames made from white-lacquered extruded aluminium, suitable for all panel thicknesses.

Leaves

- Overlap the frame with internal supporting frame (depending on thickness) and anodised aluminium frame.
- Injected polyurethane with density of 40-45kg/m³. Sealing guaranteed by high flexibility co-extruded EDPM double weather strip.
- Available finished in painted steel (polyeter finish), AISI 304/2B stainless steel, PVC, GFRP, etc.
- Custom manufacture.

Optional features

- Door manufactured **ENTIRELY** in **STAINLESS STEEL** (guides, leafs, frame and screws in 304 S/S).
- Frame with cut-out for overhead rails.
- Guide cover.
- IFL01 key lock for manual doors.
- IFL02 key lock for automatic doors.
- Double glazed observation window 300x300 on doors for preservation chambers.
- Support handle.
- Any type of frame.
- Automation.
- Anodised counter frames.

Distinguishing features

- Patented self-supporting guide system over cold room frame. **High strength.**
- Exclusive frame and counter frame system. **Adaptable to any panel thickness.**
- Frame embedded in floor allowing forklift access and including separate housing for heating elements. **Ease of maintenance.**
- Fluorescent internal handle base plate. **Security.**
- CE Mark