

Data sheet

Industrial refrigerated pivot double door

INDUSTRIAL REFRIGERATED PIVOT DOUBLE DOOR



Kaviddoors refrigerated pivot double doors are specially designed for negative temperature controlled environments for use in refrigerated rooms for chiller 0 °C), freezer (-20 °C) and freezer tunnels (-40 °C).

Options

- ✓ ISO sight glass.
- ✓ Protections on the panel stainless steel aluminum polyethylene.
- ✓ Frame for fixing to opening or rolling frame.
- ✓ Raised forklift passage or step part.
- ✓ Hood system for air passage.
- ✓ White lacquer frame.
- ✓ Custom gates.
- ✓ Spring return hinges.

Frame

Built with **extruded aluminum profiles with polished silver 20 micron anodized treatment**, with white lacquer option. The thickness of this layer **increases the resistance to abrasion and corrosion** of aluminum and provides coloration to the parts through tinting. The anodized profiles are manufactured through processes certified by the **Qualanod quality seal**.

Telescoping frame with double front thermal bridge break. Innovative telescopic frame and trim system (+/-40 mm) to **perfectly adapt the fixing to a panel wall or brick wall** of 60-100/100-140/104-180-220 mm regardless of the length. This profile has accommodation for the **heating element** in **freezing temperature applications**.

Panel

Compact superimposed on the frame and finished with anodized aluminum side molding. It is made up of a **silver anodized aluminum frame** and 0.6mm thick structural stainless steel white lacquer finish. **Rigid polyisocyanurate (PIR) foam core**, nominal density 40-45 kg/m³. Its excellent performance against fire and its **high insulating capacity** substantially improve the properties of traditional PUR polyurethane core foams.

This model has **two panels, one active and one passive**. The passive has a bolt running up and down to block it wherein the active fastens to it.

It has a **flexible double EPDM perimeter gasket** that ensures a **perfect airtight seal** and is **easy to replace**. Fixing to the panel by means of a sweep housed in the accommodation profile.

Maximum beam width	1.8 m
Maximum passage height	4 m
Maximum total area	5 m ²

Fittings

Special STUV EURO 5000 multi-point lock. Made of polyamide PA6 thermoplastic material. **High strength, toughness, rigidity, resistance to wear and abrasion**, with a low coefficient of friction. Ideal for anti-friction parts and mechanical parts subject to high temperatures and that must resist hydrocarbons and solvents. Continuous use temperature without load: -40 °C to 100 °C.

STUV Varioflex hinges made of gray zinc material. **180° maximum opening angle and 120° holding position.** Adjustable in 3D.

Colors

We have a **wide variety of RAL colors** to meet the needs of each client.

Coatings

We have a wide range of coatings to guarantee the **maximum durability, even in the most extreme environments**: PET 558, Granite HDX 55 u, 25 u lacquer steel, 304/316 stainless steel, Phenolic, and polyester reinforced with fiberglass (PRFV).

Temperature	+0 °C	-20 °C	-40 °C
Panel thickness	80 mm	100 mm	120 mm

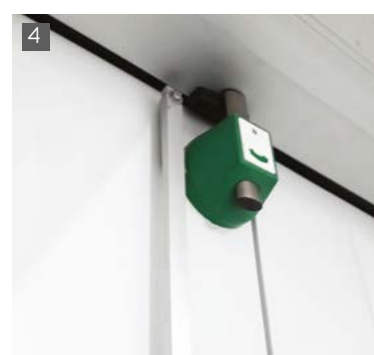
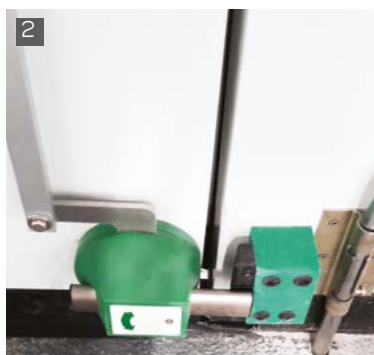


1 Optional STUV model lock.

2 STUV Varioflex hinge.

3 STUV Varioflex hinge.

4 Perimeter gasket made of flexible EDPM with fixing to the panel by means of a sweep housed in the accommodation profile. Easy to replace.



Easy assembly

Quick and easy installation as it comes pre-installed. Low maintenance.



Durability

High durability and resistance to intensive use.



Resistance

Corrosion resistance, even in extreme corrosive environments depending on the finish.



Energy efficiency

Energy efficiency.



Hinges

High mechanical resistance hinges.



Functional features

Optimal climatic, hygienic and sanitary functional qualities.



Time

Savings in time and money.



PIR insulation

10% additional insulation with PIR foam.



Fire

Excellent performance against fire with PIR foam.



Customizable

Customizable to project requirements.



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