

Data sheet

# Swing door

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Kavidoors industrial refrigerated swing doors are intended for use in chiller rooms (+32 ° F), freezer rooms (-4 ° F) and freezer tunnels (-40 ° F).

They are ideal for the meat, dairy, fruit and vegetable, fishing and logistics industries. They are suitable for large spaces or with airs, transit of handling machinery and refrigeration machine rooms.

<b>Maximum beam width</b>	6 ft
<b>Maximum passage height</b>	13 ft
<b>Maximum total area</b>	16 ft

## Leaf

**MADE WITHOUT WOOD.** Kavileaf is superimposed on the frame. Composed of an anodized aluminum inner frame. Lift filled with 4'' of PIR foam, nominal density 40-45 kg/m<sup>3</sup>. The panel has a double flexible EPDM gasket that ensures a perfect seal. White lacquer trim with stainless steel finish. Perimeter gasket stripping around the leaf optimally sealing the door when it is closed. For temperatures below 32 F, 50 w U.L listed heaters cables will be placed around the entire perimeter of the sheet.

Base material: Prelacquered galvanised steel sheet S220/ S250 steel from Z140 to Z275, 0.4 - 0.7 mm thick EN 10346 for galvanised coating EN 10169 for organic coatings.

Thickness (mm) Weight (kg/m<sup>2</sup>) of panel with 0.5/0.5 mm sheet.

Thermal conductivity coefficient  $\lambda$  of Kavipanel + = 0.0205 W/mK, Initial value  $\lambda$  = 0.019 W/mK (Applus). Thermal transmittance determined according to Standard UNE-EN 14509, considering the effect of ageing of the insulating core. New "KAVIPANEL" PIR formula available with thermal efficiency of 0.0169 W/mK, best lambda in the market.



Temperature	+32 °F	0 °F	-40 °F
Panel thickness	3"	4"	5"

## Wall frame

Self-supporting refrigerated kaviframe built with L-shaped extruded aluminum profiles treated in 20 micronanodized polished silver, with white lacquer option.

This profile has a double thermal break bridge and aluminum trim that adjust to any thickness in panel chambers.



## Hardware

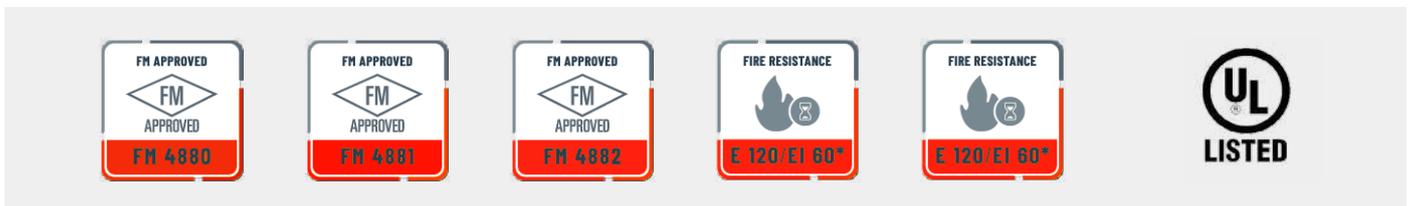
The door hardware of the kavidoors swinging door consists of the STUV handle and the varioflex hinges.

**STUV HANDLE** - The external handle allows us three movements, closed, half-open and open, in addition, to provide greater security, it allows us to lock the door with a key. The reflective inner handle with anti-panic behavior allows us to open the door regardless of the position of the outer handle.

**Varioflex hinges**- STUV Varioflex hinge. Manufactured in gray ZINC material, with a maximum opening angle of 180° and retention position at 120°. It is adjustable in three 3D directions facilitating the installation of the door.



## Certifications



## Options

- 300 x 300 ISO sight glass for chiller.
- Protections on the stainless steel panel/checkerboard.
- Frame for fixing to opening or rolling frame.
- Multipoint closure.
- Electromagnet.
- Raised forklift passage.
- Hood system for overhead rail passage.
- Double panel pivot door.
- Door closer spring.



### Easy assembly

Quick and easy installation as it comes pre-installed.



### Durability

High durability and resistance to intensive use.



### Resistance

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



### Energy efficiency

Great energy efficiency.



### Functional features

Optimal climatic, hygienic and sanitary functional qualities.



### Time

Savings in time and money.



### Customizable

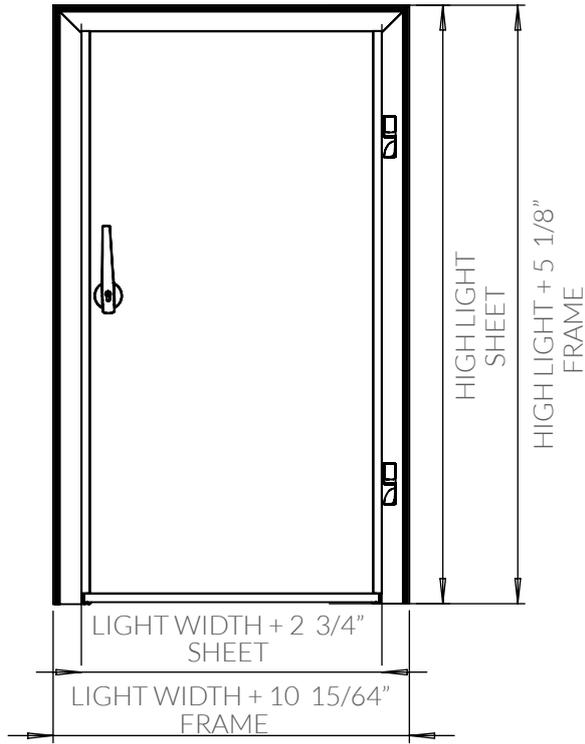
Customizable to project requirements.



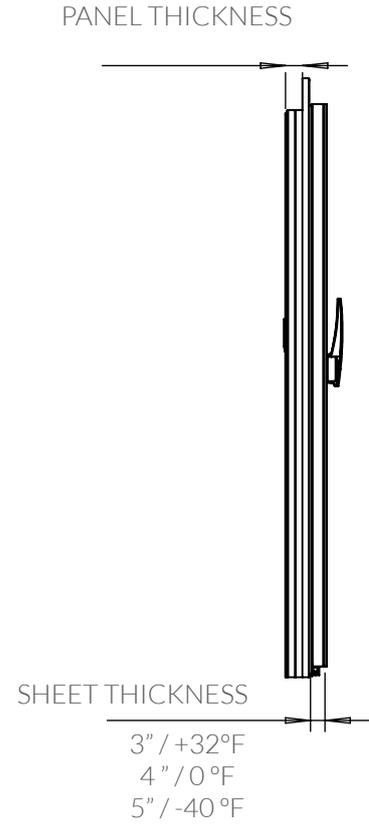
### Hinges

High mechanical resistance hinges.

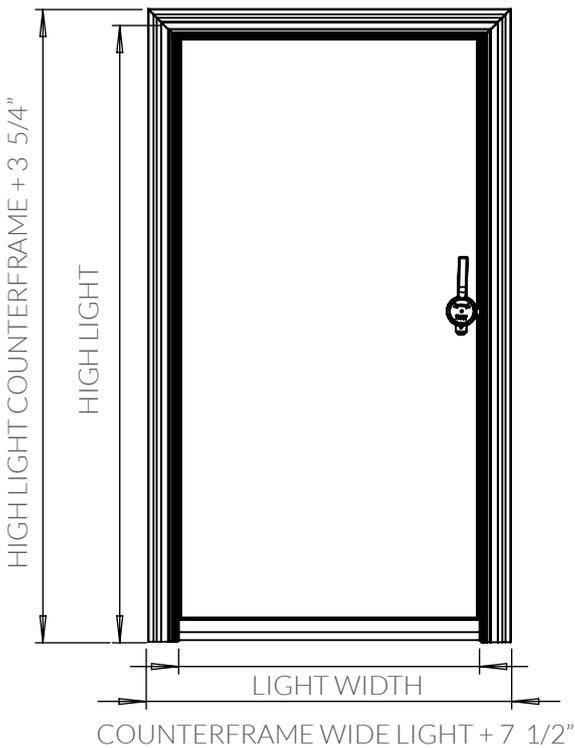
**Exterior view**



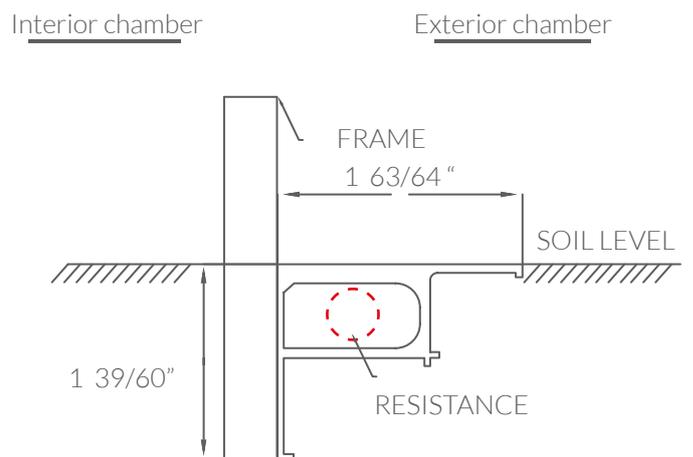
**Side view**



**Interior view**



**Pit dimensions (KHFV and KHTV model)**





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