



The Most Popular Solution for Cold Rooms  
Top French Hardware  
Easy Installation and Superb Airtightness

# Hinged Single Leaf Door Half-Hidden (HSLD H)

# HSLD H Description



- 1** Overhead metal frame

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- 2** Frame installation kit (optional)

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- 3** Fermod 67 dual rubber gasket

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- 4** Door leaf with PU insulation

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- 5** Fermod 473 hinges

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- 6** Fermod 521 external handle with key

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- 7** Fermod 521 internal handle

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- 8** Response part of Fermod 521 lock

Picture 1  
HSLD H with threshold

Picture 2  
HSLD H without threshold

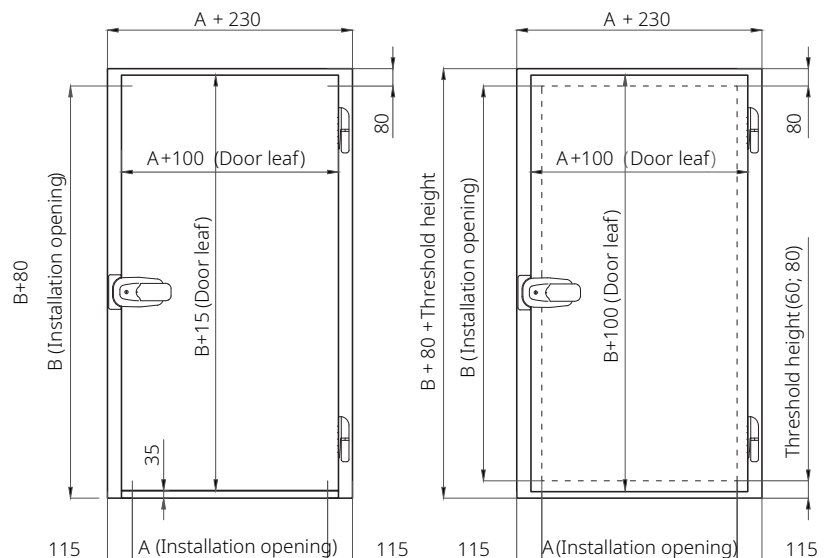
HSLD H with threshold

## Doorway size

width up to 1400 mm  
height up to 2400 mm

## Door leaf thickness

80, 100, 120 mm



# Hinged Single Leaf Refrigeration Door Half-Hidden (HSLD H)

PH Insulation Hinged Single Leaf Refrigeration Doors with Half-Hidden look (HSLD H) are the most popular doors for cold rooms and freezers on food industry, warehouses, storages and industrial facilities, which require airtight sealing to keep heat or cold.

They are used for quick installation and provide durability and easy operation with top French hardware.

The doors are factory-made and installed worldwide, including EU countries, Armenia, Georgia, Kazakhstan, Uzbekistan. PH Insulation's refrigeration doors are available in custom sizes to insure best commercial application, ready for installation.

Scan the QR code to see our door reference portfolio



## DOOR LEAF

For the door leaf we use sturdy galvanized steel sheets 0.6 mm thick, which provide utmost durability with multi-layer protection: anti-corrosion coating, base paint and protective coating in various colors. Coating thickness is 25 µm.

You can order the door leaf in RAL 9003 or in any color of your choice.

Depending on the purpose of the cold room or freezer you can order HSDL H made with stainless steel AISI 304 for milk, cheese, meat and other food facilities, or AISI 430 for non-food facilities, Food Safe, PVDF or Granite Farm coating.

The doors are wrapped in 50 µm thick film to prevent damage when transporting or mounting, the film is easily removed after the installation.

## THERMAL INSULATION

PH Insulation doors allow you to keep heat or cold effectively with rigid polyurethane foam PUR core.

Density: up to 50 kg/m<sup>3</sup>.

Thermal conductivity: 0.022 W/m\*K.

## DOOR FRAME

Door frame is produced of 2 mm thick steel sheet and painted with the color of your choice or standard white RAL 9003.

PH Insulation doors and frames are fully customizable with a choice of colors and steel: stainless steel frame AISI 304 for food facilities or AISI 430 – for non-food ones.

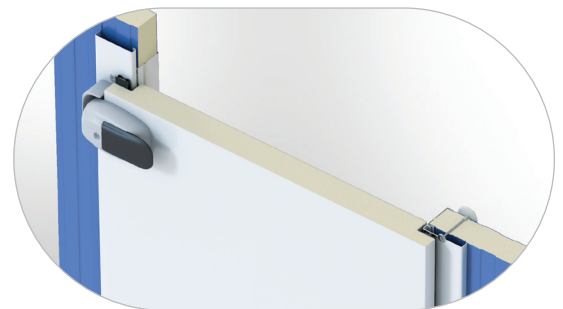
## DOOR HARDWARE

HSLD H is equipped with hardware by top French door hardware manufacturer Fermod:

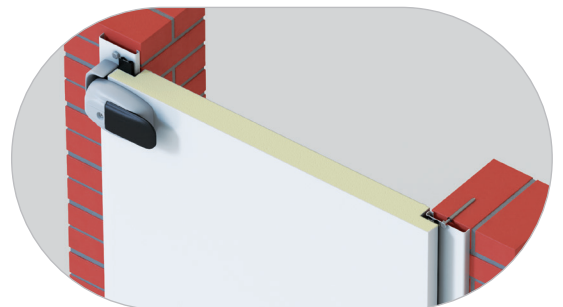
- Door locks come with keys and emergency opener from inside
- Highly elastic double seal keeps the door airtight at temperatures as low as -30 °C (-22 °F)
- Door hinges are made of impact-resistant plastic and are adjustable in 3 dimensions Internal embedded elements in the door leaf provide for secure hardware operation.
- Low-temperature and freezer doors come with frame heating.

## DOOR OPTIONS FOR YOUR SPECIFIC PROJECT

- Right or left opening
- Medium temperature doors for cold rooms or low temperature doors for freezers
- With or without threshold
- Monorail channel
- Viewing window
- Bumper made of stainless steel AISI 304 or AISI 430, checkered plate, or impact-resistant LDPE plastic
- Any color by RAL catalogue
- Various metals: Pural Farm, Granite Farm, Food Safe, PVDF, stainless steel AISI 304 or AISI 430



Picture 3  
Installation of HSLD H to an insulated panel



Picture 4  
Installation of HSLD H to a brick wall

## HSLD H Hardware



Fermod 473 door hinges



Fermod 521 handle with lock and its response part

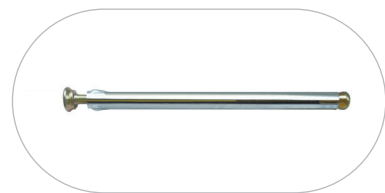


Fermod 67 dual rubber gasket



Lower gasket for doors without threshold 15948

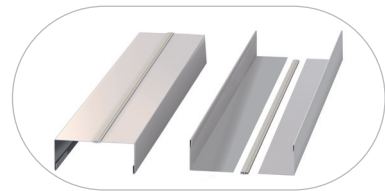
## Options



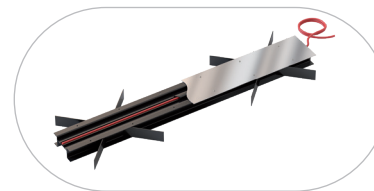
Installation Kit for Brick or Concrete Walls



Installation Kit for Sandwich Panels



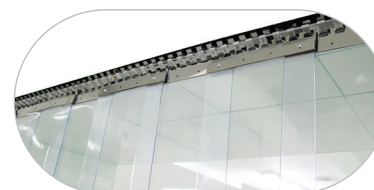
Door Frame Trim



Insulated Threshold With Heating



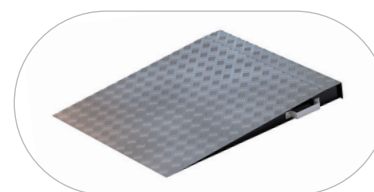
Heating Cable



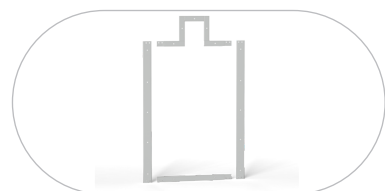
PVC Curtains



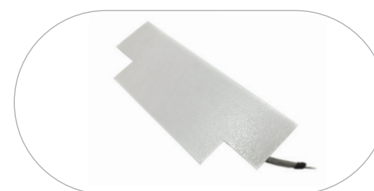
Bumper



Ramp



Door Frame with Monorail Channel



Simplified Threshold