

Cold Chain doors

ASSA ABLOY CI VDM Swing Freezer



Experience a safer
and more open world



Save on energy costs with the VDM Freezer. This robust revolving door provides a hermetic seal and high thermal insulation, helping to keep cold air in and unnecessary energy loss out.

Built-in heating elements ensure the door remains functional and accessible, even in deep-freeze conditions down to -25°C .

The door's flat surface and food-safe coating make it easy to clean and fully compliant with hygiene codes. It is ideal for freezer rooms, drying areas and shock freezers where temperature stability, hygiene and durability are essential.

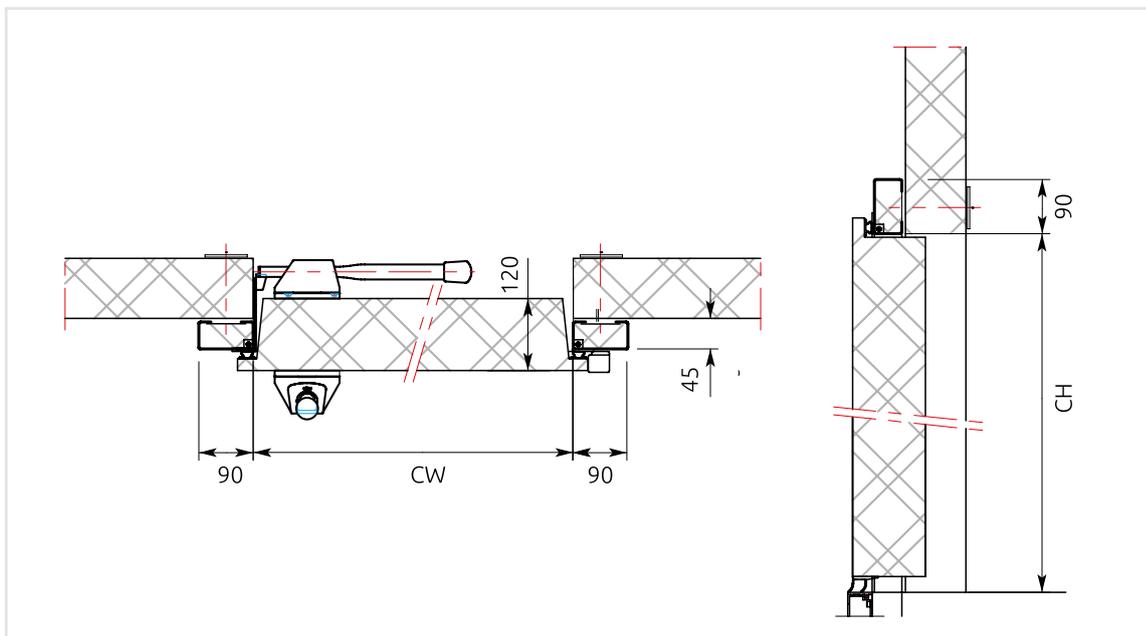
The 120 mm thick door leaf contains a CFC-free polyurethane core, framed by stainless or coated steel. An all-around EPDM sealing profile ensures an airtight closure, while the heating ribbon and bottom sill prevent freezing at the contact points.

The VDM is available with options like a blast freezer upgrade (up to -40°C), hatch, panic bar and kick plate. It fits a wide range of openings and is built to perform under pressure in demanding cold environments.

Product overview

-  Hinged door
-  Hygienic finishing
-  Airtight
-  Water resistant
-  Suitable for temperatures from 0 to -25°C

| | |
|------|--------------|
| CW = | Clear width |
| CH = | Clear height |



Dimensions

Clear width: 800 to 1,300 mm

Clear height: 2,100 to 3,800 mm

Other dimensions available onrequest.



Technical specifications

Insulation value: R_c -value $m^2K/W = 6.24$

Door leaf: The door leaf is 120 mm thick, with a core of polyurethane (CFC free).
Finish in stainless steel or coated steel plate.

Sealing: All around sealing profile of EPDM quality, FDA approved and easily replaceable. When closing, the rubber is pressed against the frame and the floor for an airtight seal.

Door frame: Assembly frame of 90 x 45 mm, 3 or 4-sided, filled with polyurethane (CFC free), thermal bridge-free. Including heating ribbon and bottom sill. Finished in stainless steel or coated steel plate. With or without reveal finish.

Hinges: Stainless steel block hinges ascending.

Operation: Stainless steel inner-outer opener with lever handle. The opener is equipped with an Euro norm cylinder lock on the hinge side and an emergency release on the opposite hinge side.

Options

Blast Freezer version, up to $-40^{\circ}C$

Hatch version (max. 1000 x 1000 mm)

Panic bar

Kick plate

**Options for
Cold Chain finishes**
*Galvanized steel sheet with
polyester coating (25mμ)*



RAL 9002



RAL 9006

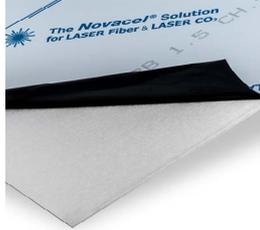


9016

Stainless Steel 304



2B Finish



Brushed



Grid polished K240



Linen pattern



Engine turned

* Finishes in other RAL colors or other stainless steel finishes are available on request.

**Options for
Hinged doors**
Operations



Panic bar

Options



Hatch version



Kick plate

In this review we have given you an idea of our capabilities.
We not only offer standard solutions but also custom solutions. Would you like more information?
Please contact us, we are happy to think along and advise you accordingly.



Find out more
on the ASSA ABLOY
CI VDM Swing Freezer
product page!



This equipment should be installed, regularly inspected, maintained and serviced by trained and authorized personnel. Preventive maintenance plans are highly recommended for a proper and safe operation. Talk to your ASSA ABLOY Entrance Systems representative to learn more about our service offering!