

Cold Chain doors

ASSA ABLOY CI KDM Swing Chiller



Experience a safer
and more open world



With the KDM Chiller revolving door, you can hermetically seal your cooled or controlled environment. The interior opener and an optional viewing window help ensure safety for your employees during use.

The hygienic finish, combined with a food-safe coating, makes this door highly suitable for clean and food-safe environments that must meet strict hygiene codes. It completely seals off conditioned rooms with temperatures starting at 0°C, making it ideal for cold stores and chilled production zones.

The 80 mm thick door leaf is insulated with CFC-free polyurethane and finished in stainless or coated steel. The door closes with an all-around FDA-approved EPDM rubber seal that presses tightly against the frame and floor for a fully airtight seal.

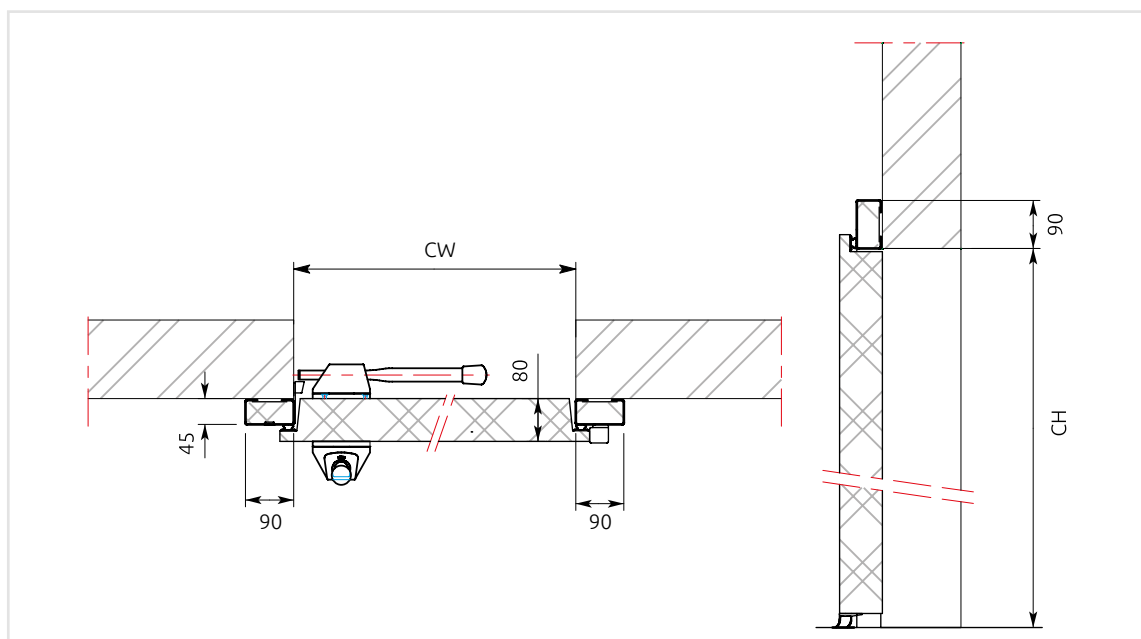
The KDM Chiller comes with a range of options including a double-leaf version, hatch, viewing windows, kick plate, panic bar and door closer. It is available in various dimensions up to 1300 mm wide and 3,800 mm high and fits into a block or wrap-around frame filled with insulation.

Product overview

	Hinged door
	Hygienic finishing
	Airtight
	Water resistant
	Suitable for temperatures from 0 to 15°C

Operation is easy thanks to a stainless-steel opener with lever handle, including a Euro norm cylinder lock and emergency release. Built to last and easy to maintain, this hinged door delivers airtight performance where hygiene and temperature control are key.

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 on request.



Technical specifications

Insulation value: R_c -value $m^2K/W = 4.13$

Door leaf: The door leaf is 80 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). Finished in stainless steel or coated steel plate. With or without reveal finish.

Block frame of 90 x 90 mm, 3 or 4-sided, filled with polyurethane (CFC free).

Finished in stainless steel or coated steel plate.

Stainless steel wrap-around frame, 3 or 4-sided, for a panel thickness of 60, 80, 100 or 120 mm. Other thicknesses available on request.

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

Double leaf version

Hatch version (max. 1000 x 1000 mm)

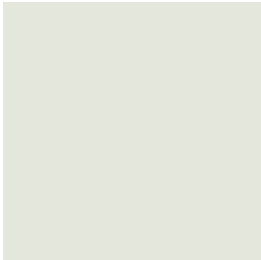
Window in rubber profile 360 x 560 mm

Door closer

Panic bar

Kick plate

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



RAL 9002

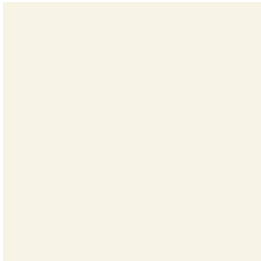


RAL 9006

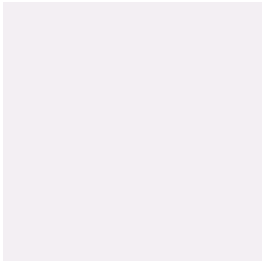


9016

*Galvanized steel sheet
with FoodSafe Hard PVC
laminate (120mμ)*



FS 9001

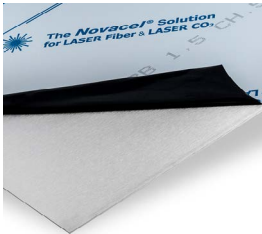


FS 9010

Stainless Steel 304



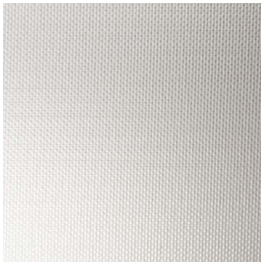
2B Finish



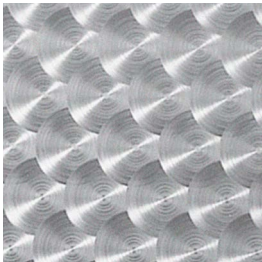
Brushed



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



Stainless steel handles and shields (various options)



Panic bar

Options



Double leaf version



Hatch version



Aluminum door closer,
suitable for wet areas



Kick plate



Window in rubber profile
360 x 560mm

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 KDM Swing Chiller
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!