

Cold Chain doors

ASSA ABLOY CI MAK Sliding Chiller



Experience a safer
and more open world



The food-safe and water-resistant MAK Chiller perfectly seals off your cold room. This sliding fridge door is highly insulating, airtight and designed to reduce energy consumption in demanding environments.

The door leaf is 80 mm thick, filled with CFC-free polyurethane and reinforced with a stainless-steel rim. The hygienic finish and durable construction make it ideal for use in areas that require frequent cleaning, such as fish and meat processing facilities, dairy production sites and industrial kitchens.

An all-around EPDM sealing profile presses firmly against the frame and floor when closed, ensuring a reliable and airtight seal. The MAK Chiller is suitable for temperatures between 0 and 15°C and can be supplied in both manual and automated versions. The optional MDA automation system is equipped with a protected motor, adjustable speed, and obstacle detection for safe operation.

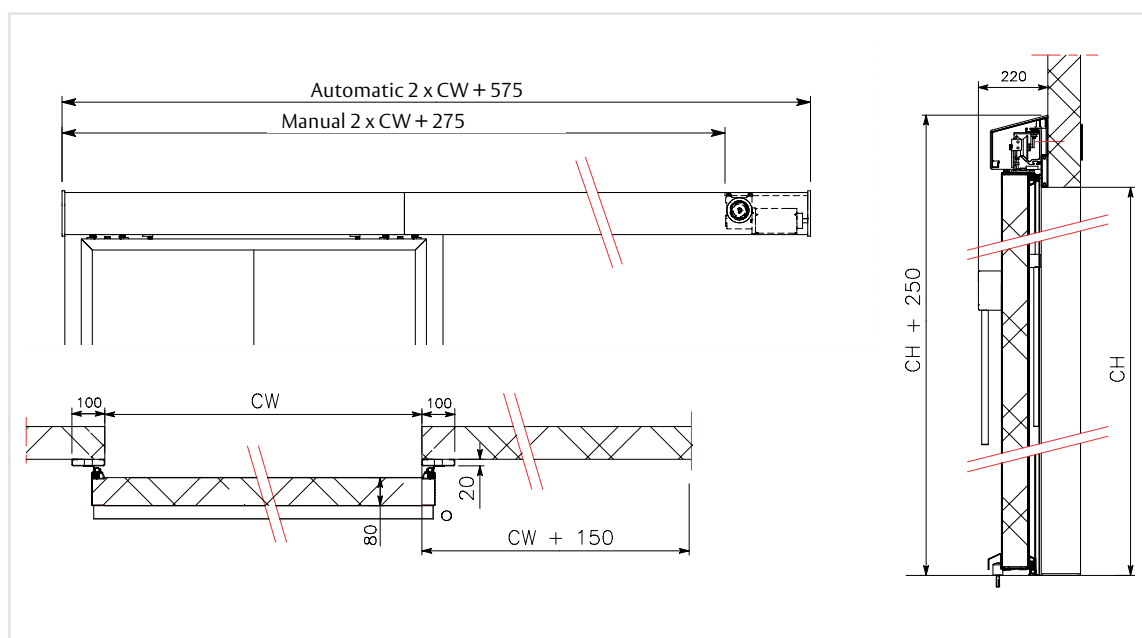
The door runs on a quiet aluminium rail with dirt-resistant nylon bearings. It can be finished in various food-safe coatings and stainless-steel styles, and includes options like viewing windows, contactless controls, kick plates and more.

Product overview

- < > Automated or manually operated sliding door
- Hygienic finishing
- Airtight
- Water resistant
- Suitable for temperatures from 0 to 15°C

Effortless to use and easy to clean, the MAK Sliding Chiller offers reliable insulation and hygiene for the food industry.

CW =	Clear width
CH =	Clear height



Dimensions

Clear width: 1,000 t/m 2,000 mm

Clear height: 2,100 t/m 2,700 mm

Other dimensions available on request.

Automation (optional)

- Available with the powerful and reliable MDA automation.
- The automation consists of a motor, drive and 90 Watt AC controller (IP65 suitable) in a stainless steel or light grey plastic case. The engine is concealed under the canopy. The opening and closing time can be variably adjusted to 0.8 m/s. Equipped with an obstacle protection in the opening. The system complies with the machine guidelines.
- Standard equipped with 2 pull switches and a 2-button operation. Other control options available on request.

Technical specifications

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

Door leaf: The door leaf is 80mm thick. It is made up of panels, with a core of polyurethane (CFC free) and a stainless steel rim. 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: Stainless steel assembly frame of 100 x 20 mm, filled with polyurethane (CFC free). With or without reveal finish. Stainless steel wrap-around frame for a panel thickness of 80 or 100 mm. Other thicknesses available on request.

Track system: Low-noise aluminium rail construction with an indentation, type MF5. The placement of the nylon bearings on the rails prevents adherence of dirt and wear.

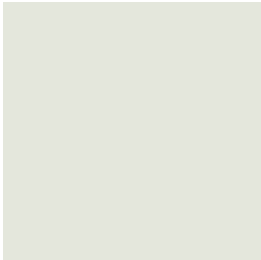
Canopy: Sloping, detachable canopy. Finish in stainless steel or coated steel plate.

Operation: Stainless steel inner-outer opener with lever principle, allowing effortless opening of the door.

Options

Window in rubber profile 360 x 560 mm

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



RAL 9002

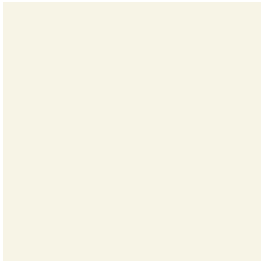


RAL 9006

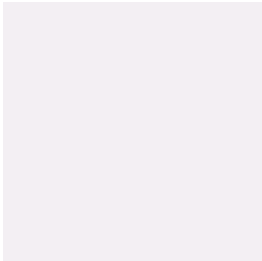


9016

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



FS 9001

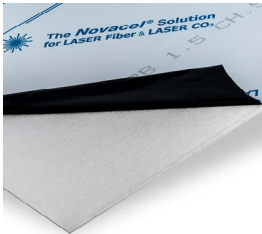


FS 9010

Stainless Steel 304



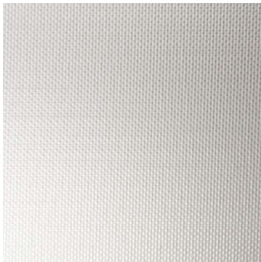
2B Finish



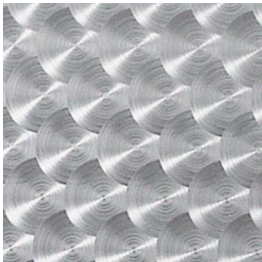
Brushed



Grid polished K240



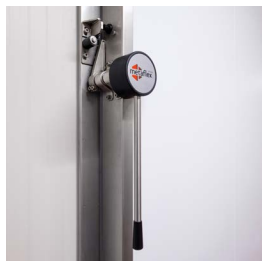
Linen pattern



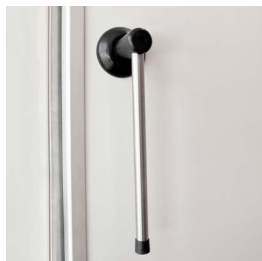
Engine turned

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

Options for Sliding doors Handles



Stainless steel inner-outer opener MAK



Synthetic and stainless steel inner-outer opener MAK

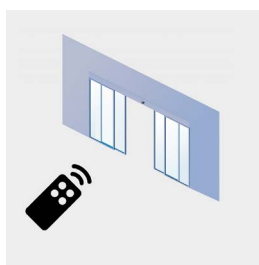
Automatic operation



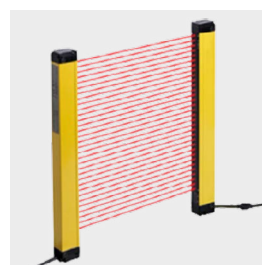
Pull switch wall/ceiling



Radar detection



Remote control



Light Curtain



Contactless switch



Push button switch, 1 fold



Push button switch, 2 fold



Push button switch, 3 fold

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 MAK Sliding 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!