

DATA SHEET AR0031F 2 MM

High Speed Door in stainless steel for freezer rooms



Fast and reliable automatic High Speed Door with 2 mm reinforced curtain for freezer rooms

AR0031F 2 MM is a robust solution for cold rooms. The door's lightning-fast open-closing speed creates optimal conditions for safe traffic and logistics, and the AR0031F 2 MM is an efficient cold breaker with 2 mm reinforced cloth as well as heat integrated in both frame legs. The door is a popular solution as a primary door in daytime for cold rooms.

Please note that a night shutter should always be used with the AR0031F 2 MM.

This door is tailored for companies that:

- ✓ Have a lot of daily truck traffic
- ✓ Work consistently with energy savings and sustainable operation
- ✓ Refuse to compromise on safety
- ✓ Prioritise high quality and long service life

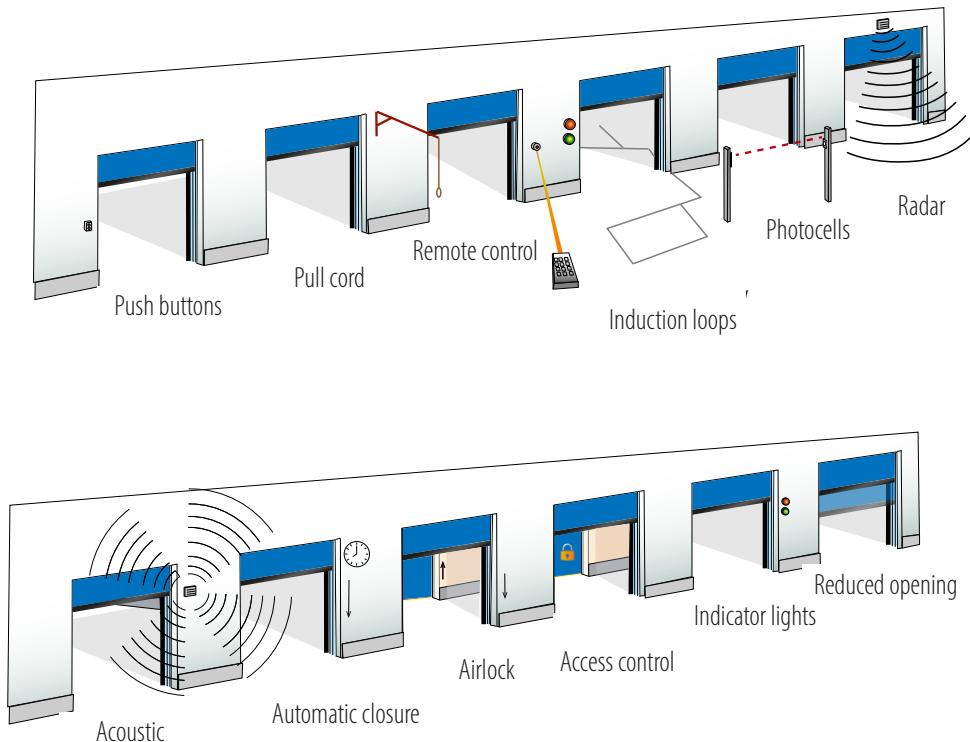
DATA SHEET AR0031F 2 MM

BENEFITS	<ul style="list-style-type: none"> ▪ Edge protection in the bottom rail of the cloth ensures that the door stops if it meets resistance. ▪ Lightning-fast opening and closing speed. ▪ The high speed door has a self-repairing function in the event of collisions. ▪ Reliable structure ensuring minimal maintenance costs. ▪ Efficient solution for freezer rooms during daily operation.
DIMENSIONS	<ul style="list-style-type: none"> ▪ Maximum width: 4000 mm. ▪ Maximum height: 4000 mm. ▪ Dimensions over the maximum stated above can be made to order. Contact us to discuss your options
AUTOMATICS	<ul style="list-style-type: none"> ▪ Supply: 1 x 230 V / 50-60 Hz, max 13 A. ▪ Supplied with professional door control system including position setting options and speed control via a frequency converter. The mechanism is mounted on a wall by the side of the frame. ▪ Doors exceeding 10 m² must be connected with 3 x 400 V 50-60 Hz, 10A.
OPEN-CLOSING SPEED	<ul style="list-style-type: none"> ▪ 1,6 m/sek. - 0,3 m/sek.
FRAME	<ul style="list-style-type: none"> ▪ Stainless steel AISI 304 or galvanised.
HEATING	<ul style="list-style-type: none"> ▪ 24 volt heat cables in the frame.
DOOR LEAF	<ul style="list-style-type: none"> ▪ 2 mm armored cloth. ▪ The cloth runs in rails in the frame. Side guides make it easier to manually reposition the cloth after collision. ▪ The weight of the bar and the canvas itself keeps it tight. ▪ Standard colours (Contact us for other colours or customised print on the cloth) : <div style="display: flex; justify-content: space-around; align-items: center; text-align: center; margin-top: 10px;"> <div style="width: 30px; height: 30px; background-color: #0056b3; margin-bottom: 5px;"></div> <div style="width: 30px; height: 30px; background-color: #d32f2f; margin-bottom: 5px;"></div> <div style="width: 30px; height: 30px; background-color: #ffc107; margin-bottom: 5px;"></div> <div style="width: 30px; height: 30px; background-color: #9e9e9e; margin-bottom: 5px;"></div> <div style="width: 30px; height: 30px; background-color: #ff9800; margin-bottom: 5px;"></div> </div> <div style="display: flex; justify-content: space-around; align-items: center; text-align: center; margin-top: 5px;"> <div style="width: 60px;">Blue RAL 5010</div> <div style="width: 60px;">Red RAL 3020</div> <div style="width: 60px;">Yellow RAL 1032</div> <div style="width: 60px;">Grey RAL 7044</div> <div style="width: 60px;">Orange RAL 2004</div> </div>
TOP COVER	<ul style="list-style-type: none"> ▪ Stainless steel or white PVC.
SAFETY	<ul style="list-style-type: none"> ▪ Edge protection in the bottom rail of the cloth ensures that the door stops if it meets resistance. ▪ Built-in photo cells in both frame support legs. ▪ Collision protection built in the bottom rail. ▪ The motor has a built-in emergency handle activated in case of power cut to allow manual roll-up. ▪ Available with UPS battery back-up.

DATA SHEET AR0031F 2 MM | OPTIONAL EQUIPMENT

WINDOW	<ul style="list-style-type: none"> ▪ Not possible.
BATTERY BACKUP	<ul style="list-style-type: none"> ▪ UPS system can be coupled, so the door runs at back-up power system, if the power in the building should crash.
WIND SECURITY	<ul style="list-style-type: none"> ▪ Wind security is mounted on the curtain.

AUTOMATIC OPERATION / ACCESS CONTROL



The top diagram illustrates various control methods for door operation: Push buttons, Pull cord, Remote control (with a handheld device), Induction loops, Photocells, and Radar.

The bottom diagram illustrates additional features: Acoustic sensors, Automatic closure (with a clock icon), Airlock, Access control (with a lock icon), Indicator lights, and Reduced opening.