

cool it

More than just doors



COOLFLEX®

The flexible, twin-leaf quick-opening door for refrigeration and freezer stores

> The only freezer store sliding door with flexible door leaves

> Cut your operating costs through energy efficiency

> Patented innovation for the world of refrigeration and freezing

> Quick, reliable and secure logistics processes

A person wearing a black leotard is performing a backbend against a dark background. The person's back is arched, and their hands are reaching towards their feet. The lighting highlights the contours of the body.

BEND, DON'T BREAK:

coolflex[®] – the flexible refrigeration
and freezer store door to optimise
your logistics



FLEXIBLE AND SECURE

The *coolflex* door from *cool it* combines the best of both worlds: the insulation properties of a freezer store sliding door and the flexibility of a quick-opening door.

The innovative design of the patented, twin-leaf door features a flexible insulation core in the area of the door clearances as well as a flexible door leaf with highly efficient frame seal. The door can also be used opening inwards in the freezer area.

If there is an inadvertent collision with a forklift, the door leaf yields. The risk of a complete door failure following an impact is tangibly reduced. Door failures are avoided, energy losses are minimised! Door leaves that have sustained impacts can be easily reshaped by hand.

The *coolflex* gate ensures maximum resilience and safety and makes your company processes as smooth and effective as possible. User-friendliness comes included.

- 1 The door has a maximum clearance of 320 cm x 500 cm.
- 2/3 The flexible door leaves are a patented innovation for the world of refrigeration and freezing.
- 4 In the event of an impact, the risk of complete door failure is minimised.





IS CAPABLE OF QUITE A LOT:

coolflex[®] – the robust refrigeration and
freezer store door to optimise your logistics



RESILIENT AND RELIABLE

Tried-and-tested technology and superlative quality materials coupled with a patented door leaf design that has been put to the test over many years make the *coolflex* door the ideal solution for your world of refrigeration and freezing. The door leaf features an impact-resistant and hygienically beneficial CFC surface and a half-frame made from stainless steel which, thanks to a groove and spring profile, holds the flex part in position and creates a perfect frame seal with the flexible door leaf.

The *coolflex* door also impresses with its user-friendly automatic closure mechanism with drive element and hand switch – fully pre-assembled and wired up ready to be connected.

The combination of outstanding technology and high-quality materials represents the hallmark of this door's quality. This is also reflected in the reliability, resilience and easy maintenance of the *coolflex* door.



- 1 Floor runners are not required thanks a side wall guide.
- 2 The *coolflex* door ensures reliable closure of your freezer store.
- 3 The screw connections for adjusting the door leaves are easily accessible.
- 4 The control and drive technology has been tested over many years.





FAST AND FURIOUS:

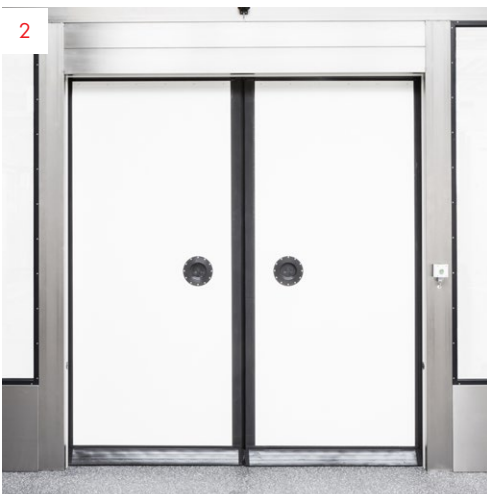
coolflex[®] – the rapid refrigeration
and freezer store door to optimise
your logistics



FAST AND EFFICIENT

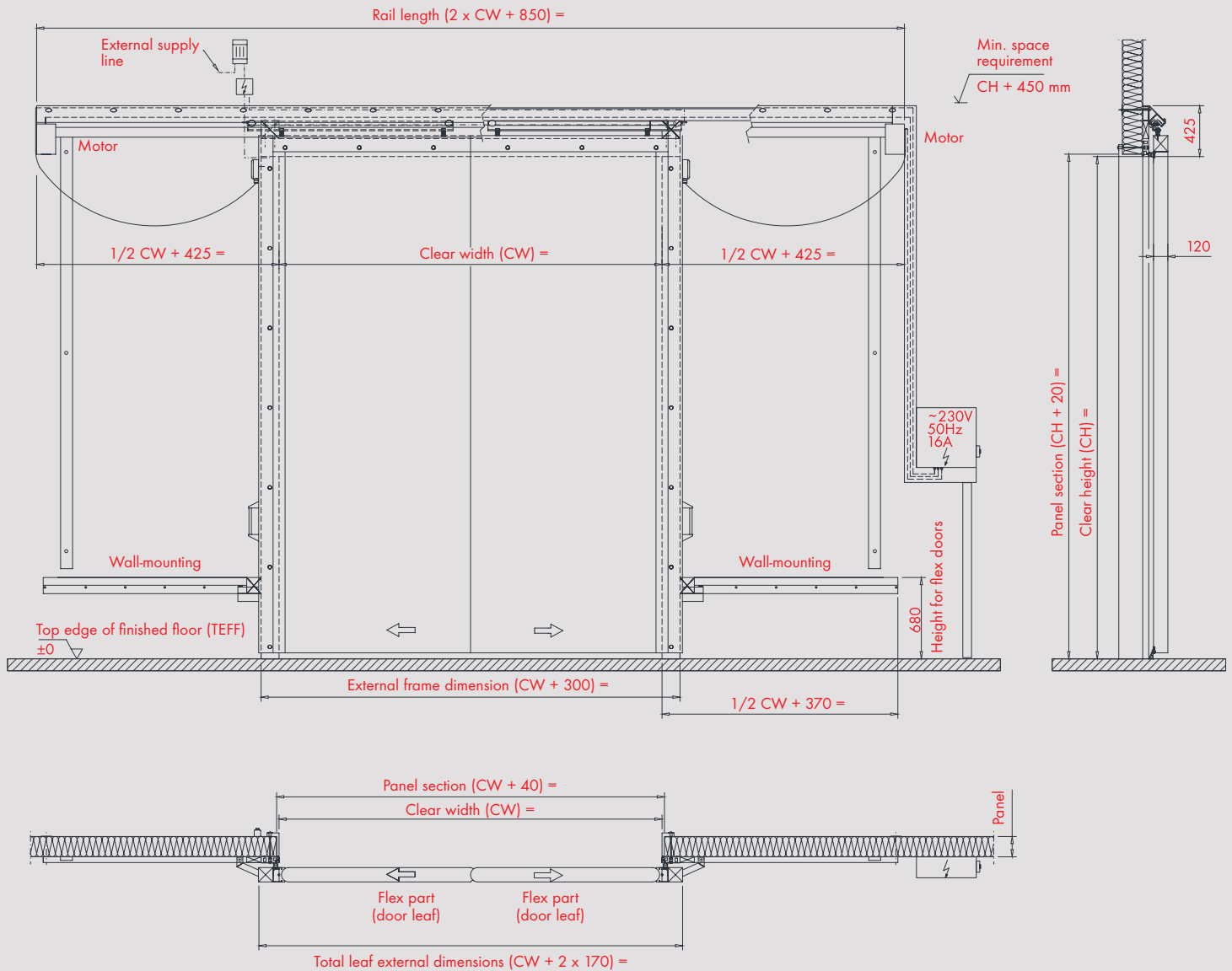
The entire clearance height (max. 500 cm) is available straight away. Thanks to its two leaves, the *coolflex* door reaches an average opening speed of 1.5 metres per second. An additional quick-opening door can therefore be dispensed with. Its carefully thought-out design means that the *coolflex* door is ideal for use in high-frequency refrigeration and freezer stores. The high opening and closing speed allows rapid access and high throughput rates to your refrigeration and freezer store, thereby reducing energy losses to a minimum.

Electric heating of the door focuses on the edge areas due to the optimum insulation of the door leaf, which also has a highly positive effect on the energy balance sheet. Everything from a single source service included. *cool it* brings together expertise and serves as a professional contact at every stage of your project. As a result, *cool it* simplifies and shortens all of your processes, making it as efficient and solutions-focused as the *coolflex* door itself.



- 1 The *coolflex* door is available with a flashing warning light and induction loop connectivity. Other interesting options are available on request.
- 2/3 The design of the two-leaved refrigeration and freezer store door ensures a perfect seal.

TECHNICAL DRAWING



Do you need support?

Do you need any support in the planning of your project? *cool it* will work with you through every phase of your project.

We would be happy to provide you with all the information you need.

Just contact us

Telephone: +49 (0) 54 22/6 09-0

TECHNICAL INFORMATION

COOLFLEX

DOOR LEAF

Leaf thickness	120 mm
Properties	<ul style="list-style-type: none"> - With half-frame at the rear and top made from stainless steel rectangular tubing for dimensional stability - With upright PE strip featuring hollow core to accommodate the flexible door leaf, which can swing out in the event of a collision. Hygienic CFC surface, structured
Theoret. U value:	0.225 W/(m ² × K)

FRAME

Size	150 × 50 mm
Properties	<ul style="list-style-type: none"> - Stable plastic flat frame attached to sandwich wall - Stable plastic flat frame 150 × 50 mm with integrated thermal bridge interrupter profile - 3-part frame profile 100 × 30 mm as counter-frame, insulated

SIZE

Dimensions	Lying down up to max 320 × 500 cm (W × H)
------------	---

RUNNER RAIL

Fitting	<ul style="list-style-type: none"> - Reliable opening and closing mechanism in the runner rail - The runner rail is made up of just one aluminium profile open to the leaf
---------	--

AUTOMATIC

Automatic	Automatic safety system with drive element and hand switch fully pre-assembled and wired up ready to be connected. The automatic system complies with all common safety standards and VDE, CE, TÜV type examination checks.
Speed	Average opening speed 1.5 m/sec

OPTIONS

- Inwards-opening version (in freezer store)
 - With evaluation device for induction loops
 - Pressure equalisation hatch
 - Single-leaf version (from 2018)
- Other options available on request



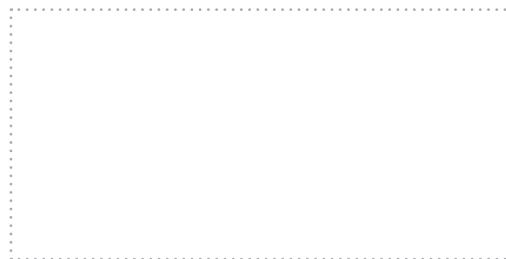
cool it
More than just doors

cool it Isoliersysteme GmbH
Ochsenweg 18 • 49324 Melle

☎ +49 (0) 54 22 6 09 -0
☎ +49 (0) 54 22 6 09 -249
✉ info@coolit.de

www.coolit.de

Your cool it partner



All indications relating to scope of delivery, appearance, performance characteristics, dimensions, etc. correspond to the information at the time of printing. Some of the doors depicted in this catalogue are equipped with features that are only available at a surcharge. Presented illustrations or details in such illustrations may differ from the original. All information is supplied without guarantee. Subject to technical and other changes, no responsibility accepted for mistakes or printing errors.

© 2017 cool it Isoliersysteme GmbH. All rights reserved.