



More than just doors

CI8B CI8 CI12H

Functionality meets economy

The efficient sliding doors for all operating ranges



CI8B CI8 CI12H

Economical for all temperature ranges

Intelligent design

Thanks to the sophisticated modular construction principle, almost complete pre-assembly and the standard design with wall guide (floor guide optionally available), sliding doors from the CI series are quickly installed and put into operation. CI doors with automatic actuators are supplied ready for connection and pre-configured – that's how "plug-and-play" works.

Maximum hygiene safety

The open design ("open equipment") without a rail cover and the use of noncorrosive, detergent-resistant materials allow intensive cleaning. CI sliding doors are resistant to contamination and exceed the high hygiene standards of the food industry. Optionally also available in a hygiene-certified "high-risk" version with correspondingly approved electrical components.

Integrated security

Sliding doors from the CI series run extremely smoothly in manual operation and are easy to handle. For effective protection against personal injury and damage to property, an infrared light grid system for monitoring the closing edge is integrated as a standard in the automatic actuator version. The control is also force-limited. Windows in various sizes and shapes are available for transparency and a secure view.

One door – more efficiency

CI sliding doors are not only quick and easy to put into operation, but they also ensure safe and hygienic operating procedures reliably and permanently. With numerous equipment options, you can also turn your door into a customised solution for every application and temperature range.

Performance in any environment

- Low installation effort and fast bringing into service
- Maintenance-optimised (modular design, accessible components)
- Maximum reliability in continuous operation, easy handling
- Best hygiene properties ("open equipment")
- Excellent tightness and optimal insulation values
- Minimised energy requirement for DF design
- Wide range of equipment options for every requirement
- Wide colour range and extensive surface selection

Do you have any questions? We have the answers.

Contact us – phone: +49 (0)5422 609-0, E-mail: info@coolit.de

More information is available at: www.coolit.de



1 CI8 sliding door with handle bar for cold stores (automatic version)

2 CI8B manually-operated sliding door with compression lever for service rooms

3 CI8 manually-operated sliding door with compression lever for cold stores



Technical data

Application and temperature range

Operating room, cold store (+1 °C to +8 °C), freezer room (0 °C to -28 °C) – not inwards-opening

Dimensions	CI8B	CI8	CI12H
Clear width (CW)	minimum: 600 mm, max.: 2,500 mm	minimum: 600 mm, max.: 2,500 mm	minimum: 600 mm, max.: 2,500 mm
Clear height (CH)	minimum: 800 mm, max.: 2,800 mm	minimum: 800 mm, max.: 2,800 mm	minimum: 800 mm, max.: 2,800 mm
Special sizes	Special sizes on request		
Leaf thickness (door leaf)	80 mm	80 mm	120 mm
Wall-mounting	Rail length with manually operated door: 2 x CW + 410 mm, rail length with automatic door: 2 x CW + 800 mm		
Floor guide	Optionally available		

Material

Door leaf, surface

Stainless steel (CNS)	<ul style="list-style-type: none">• V2A (1.4301) brushed, duplo finish, 180 grain smoothed or longitudinal grain• V4A (1.4404) circular matted, duplo finish, 180 grain smoothed
Galvanised sheet steel	<ul style="list-style-type: none">• Coloured paint (standard RAL colours, optional: Special RAL colours on request)• Foil-laminated (standard RAL colours, optional: Special RAL colours on request)

Runner rail

PE	Solid colour PE 500 in RAL 7024 (graphite grey): food safe, physiologically harmless, high chemical resistance (including acid and alkali resistance), high impact resistance even at low temperatures
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Frame

Installation in masonry	Thermotec flat frame 150 x 50 mm, optionally with sheet metal lining
Installation in element (panel)	Thermotec flat frame 150 x 50 mm with angle bracket frame or panel mounting, optionally with sheet metal lining
Hatch frame version	<ul style="list-style-type: none">• Installation in masonry: 4-sided circumferential frame• Installation in element (panel): 4-sided circumferential frame, 3- or 4-sided circumferential clamping frame
Surface counter frame	<ul style="list-style-type: none">• V2A (1.4301) duplo finish 180 grain smoothed 1.5 mm• Galvanised sheet steel painted in RAL colours: 9001, 9002, 9010 (optionally available: Special RAL colours on request)

Sill

Without sill (optionally available: with sill, with stainless steel sill, with sill for cell base or sill plate)

Guidance

Wall guide (standard version)
Floor guide (optionally available)

Opening aids / handles

Compression lever (standard version, from 5.0 m ² door leaf surface recommended)
Recessed handle on both sides (optionally available)
Handle bar and recessed handle (optionally available)
Pull switch (optionally available)

Locking mechanism

Block lock (optionally available)
Block lock query (optionally available)
Block lock query VDS (optionally available)

Safety technology

Infrared light grid (standard version for door with automatic mode), light grid and safety strip in combination (optionally available)
Laser scanner (optionally available)
Radar detector as crash beam (optionally available)
Safety strip (optionally available): Safety strip and infrared light grid in combination, safety strip on one side at the front, safety strip on one side at the rear, safety strip on both sides at the front and rear



Technical data

Special equipment (optional)

Automatic

Windows (various window dimensions and shapes available on request)

Hygienic version ("high-risk" version): Hygiene-certified, certified electrical components, hygiene push-buttons, cable glands, stainless steel switch box, detectable cable ties, etc.

Tubular track passage (available for CI8B, CI8)

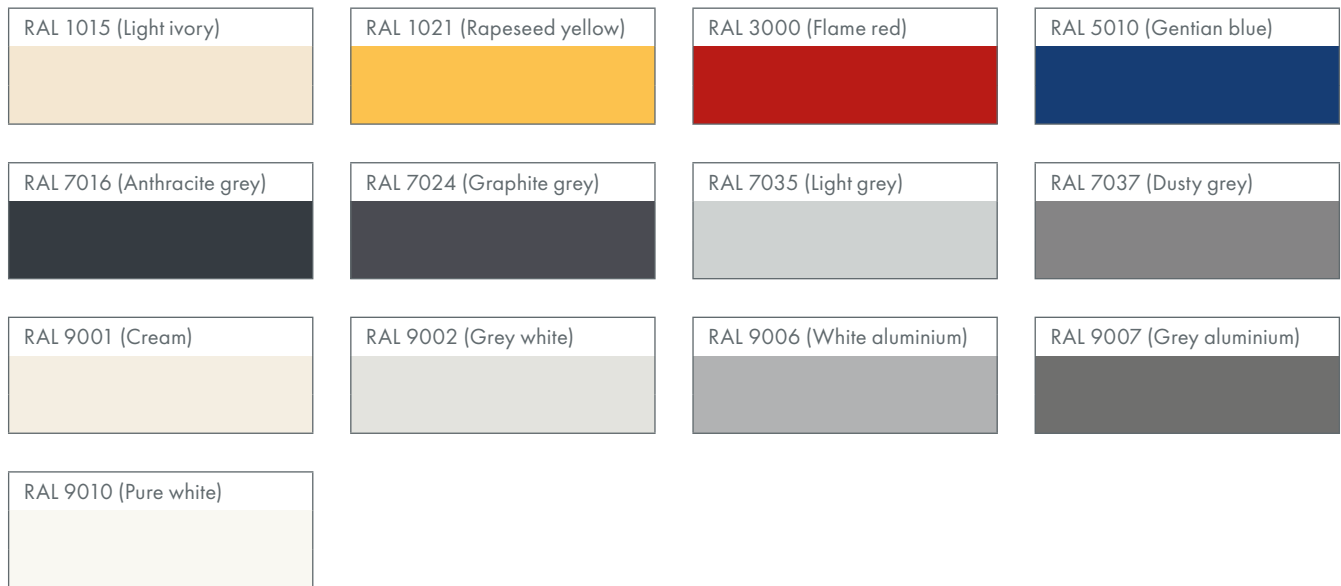
Locking status enquiry / options: Position monitoring, feedback (locking system / alarm system), door contact switch, lock query, etc.

Sill

Connection to customer-provided systems (e.g. air separation, airlock function, etc.)

Colour scale

Standard colours in RAL for painting without surcharge. Standard colours according to RAL for film lamination without surcharge: RAL 9001, 9010. Standard colours shown may differ from the original RAL colours. Optional: special RAL colours on request.



If you require further information on equipment options and technical details, cool it will be happy to help.



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