

ALIGA-Rapida Cooler

Vertical rapid action door for cold stores



Fast – insulating – economical.

Sustainably reduces your energy costs!



Find out more at www.aliga-tor.de

Areas of application

The ALIGA-Rapida Cooler is an extra-insulated, vertical textile rapid action door and has been specially developed for use in cold or fresh rooms. The door is also available in a stainless steel version. This makes the ALIGA-Rapida Cooler particularly suitable for the food industry.



Insulation and sealing

Thanks to the integrated side track seals or lintel seals and the specially developed insulated door curtain, the ALIGA-Rapida Cooler reduces your energy costs and thus contributes to the profitability of your company.

High operating speed and emergency opening function

Thanks to the curtain balancing system installed as standard, opening and closing speeds of up to 2.5 and 1.5 m/s, respectively, are possible. The speeds can be set as desired by the control system. Automatic emergency opening according to ASR 1.7 is possible.



Electrical equipment and safety

The ALIGA-Rapida Cooler is operated via a 230 V frequency converter control. This allows a multitude of possible combinations with a wide variety of command devices from many manufacturers. A self-switching light grid is used as a closing edge safety device, which ensures contactless reversing.

Anti-crash system

The door curtain is also equipped with a scuffboard that jumps out of the guide rails in the event of a collision. In the event of a collision, the door leaf with flexible closure is able to reinsert itself independently into the guide rails... The ALIGA-Rapida Cooler then works properly again with the next opening impulse.



All technical information without guarantee; subject to change without notice.

Technical details

- Basic construction of lateral guide rails and steel support profiles. (also available in V2A stainless steel).
- Opening speed up to 2.5 m/s
- Closing speed up to 1.5 m/s
- Anti-crash system.
- Flexible door leaf finish.
- Electric drive with frequency converter and emergency stop button.
- OPEN – STOP – CLOSE membrane keypad.
- Closing edge safety device via self-switching light grid.
- Various colours possible.
- Dimensions: Up to 5000 × 5000 mm possible.



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ALIGA Food Series

V2A stainless steel: Especially for hygienic areas



Resistant – fast – safe.

The door series for the highest demands.



Find out more at www.aliga-tor.de

Rapid action door made of V2A stainless steel for hygiene area:

Rapida Food / Rapida Cooler Food / Rapida Insect Protect Food EST Food / Escape Food

Guaranteeing food safety, meeting hygiene standards, increasing energy efficiency, simplifying cleaning processes, and reducing downtimes – these are the advantages of the ALIGA Food series, which was developed in accordance with DIN 1672 (German industrial standard) for “Hygienic Design”. The processing and production of food or pharmaceutical products requires special attention.



A central point of the standard is the ease of cleaning the surfaces and construction elements. Attention was paid to slanting surfaces on which no water or waste can collect.

The term “Hygienic Design” stands for the cleaning-friendly design of machines, systems, and components that are used in the

hygiene-relevant areas of the food and beverage sector as well as the chemical, pharmaceutical, cosmetics, and biotechnology industries.



Up to 30% of the idle time in such production environments is due to cleaning and maintenance work. The ALIGA food series helps you to minimise these downtimes while still complying with hygiene regulations. From product design to the

selection of materials and system components. No electronic components are installed on the entire door leaf or on the scuffboard. The rail system contains a highly water-resistant safety light grid or, in the case of the ALIGA-EST, a safety light barrier.



ALIGA Food Series: Technical features

- Basic construction made of V2A stainless steel according to Hygienic Design standard.
- Opening speeds up to 2.5 m/s.
- Closing speed up to 1.5 m/s.
- Anti-crash system (Wind class 0 to 1).
- Wind class 2 optional (without anti-crash system)
- Special options upon request.
- Many standard colours for short delivery times.
- Control cabinet made of V2A stainless steel, certified to IP 68, optionally available.
- Light grid integrated in side rails, certified to IP 68.



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