



Tender specification ALIGA-Rapida *Insect protect Food*

05/21 Technical changes reserved

ALIGA-Rapida Insect protect Food

The ALIGA Rapida Insect-Protect Food is a rapid action door that prevents insects from entering the production area thanks to its special protective insert. At the same time, however, the high air permeability of 49% ensures that heat can escape from the production halls and that there is a constant exchange of air.

Developed according to the requirements of DIN 1672 for "Hygienic Design", there are many details for manufacturers to consider: from the choice of materials to the individual system components. Because all mechanical components are made of V2A stainless steel, it is resistant to cleaning agents used in the food industry.

Opening speed: Adjustable up to approx. 2.5 m/s.

Closing speed: Approx. 1.5 m/s.

Door size

Width = max. 5.500 mm

Height = max. 5.500 mm

For a clear passage opening: Width mm x Height mm

Mechanical components

Side parts: Two-part (wall and cover guide end) galvanised steel.

Motor and shaft cover included.

Curtain

Made of special insect protection material with horizontal, coloured vinyl bars.

Colour variations of the vinyl bars

RAL 1018 – zinkgelb; RAL 2004 – reinorange; RAL 3020 – verkehrsrot; RAL 5010 – enzianblau; RAL 6018 – gelbgrün;

RAL 7016 – anthrazitgrau; RAL 7024 – graphitgrau; RAL 7035 – lichtgrau; RAL 9006 – weißaluminium

Andere Farben auf Anfrage gegen Aufpreis möglich. Farben können abweichen.

Bodenabschlussprofil: flexibel, Abschluss gelb oder rot.

Wind protection profiles

2 to 4 pieces, made of V2A stainless steel, integrated in the door curtain. Positioning and number depending on the door height.

Wind resistance class 1 according to EN 12424.

Drive

Slip-on geared motor with built-in safety gear and digital limit switch.

Connection cable with CEE plug (7 m), Protection class: IP55.

Optional automatic emergency opening according to ASR 1.7 via integrated spring weight compensation.

Door control

Frequency converter door control with digital display.

Adjustable: Hold-open times, pre-warning function, traffic light control, pulse and automatic function.

OPEN – STOP – CLOSE membrane keypad on housing cover. Emergency-off switch

Slots for optional plug-in card modules (e.g. radio or inductive).

Other pulse generators can be connected (e.g. radar, light barrier).

Adjustment of the end positions possible via a digital limit switch of the door control.

Electrical supply: Supply voltage 230 V, 16 ampere back-up fuse Euro CEE.

V2A stainless steel cabinet for electrical supply according to "Hygienic Design" optionally available at extra charge.

Safety

Self-switching door light grid, integrated in the lateral guide rails.

Anti-crash system. Additional fall protection via counterweight system.

Required space, in Brackets () with assembly space

Lintel (A)	400 mm (450 mm)
Guide rail opposite with compensation system (B)	210 mm (250 mm)
Guide rail motor side until lintel opening (C)	105 mm (150 mm)
Motorside from the lintel opening (D)	200 mm (325 mm)

Warranty

- On mechanical, non-rotating parts: 60 months if a maintenance contract is concluded (without maintenance contract: 24 months).
- On mechanical, rotating parts: 24 months or 120,000 load cycles.
- On wear parts and electronic components: 6 months or 120,000 load cycles.



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Rapida VZ/Food

CW = Clear with

CH = Clear height

red = Mounting clearance

