

Ditec Alimax

Rapid roll-up door for food environments with self-repairing full curtain

Ditec Alimax is the most advanced and innovative rapid door created to meet the specifications and **strict hygiene and cleanliness requirements** needed for food environment applications.

The compact size of the rapid door structure and its **special composite material**, the “**self-repairing**” curtain and the **INVERTERmotion** device guarantee optimum compliance with the operational requirements of careful cleanliness, safety and high reliability.

Compact and versatile with state-of-the-art technology, it is ideal when hygiene and practicality are the most important prerogatives.



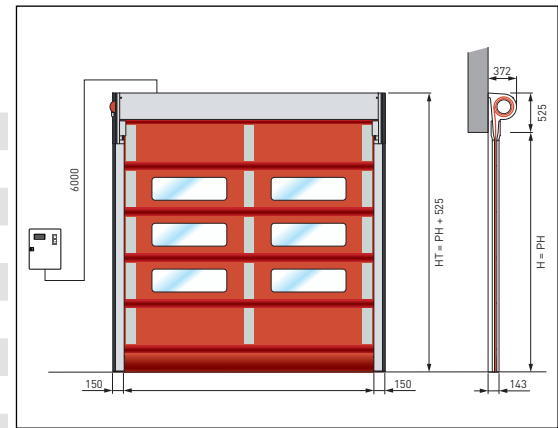
Product specifications

EN

Ditec Alimax

Door Technical Information

Dimensions max	PL 4000 x PH 4000 mm
Dimensions min	PL 900 x PH 1700 mm
Power supply	230 V single-phase 16 A - INVERTERmotion
Frequency supply	50/60 Hz
Power of motor	0,75 kW
Max current for 24 Vdc accessories	0,5 A
Opening speed	up to 1,5 m/s
Closing speed	up to 0,8 m/s
IP degree for control board	IP55
Wind resistance class - EN 12424 (test EN 12444)	class 0
Air permeability - EN 12426 (test EN 12427)	class 0
Water permeability - EN 12425 (test EN 12489)	NC
Life cycles	1.000.000
Number of operation per day and per hour	600 cycles/day - max 120 cycles/hour
Service level	5 - very heavy duty
Intermittence / Operatig level	S2 = 60 minutes / S3 = 60%
Closing door safety devices EN 12453 (test EN 12445)	TOP W Safety Pack: resistive self-testing type sensitive edge + built-in IP67 photocells
Emergency opening	Manual by crank device operated from ground
Recommended operating temperature (motor + control board)	- 5°C ÷ + 50°C
Recommended operating temperature (curtain)	- 5°C ÷ + 50°C. The limit of - 5°C is related to the PVC transparent windows and/or modular sections. For further details on the use in cold environments see the table on price list
Frame	reinforced composite material - mounting by means of joints and captive fasteners
Available Certifications : N°, date, organisme	certificate of type examination n° DE/3382/09 Notified Laboratory n° 0497



Curtain Technical Information

	Standard curtain	Optional curtain
Weight	900 g/m ²	1200 g/m ²
Type of material	polyester fabric PVC coated on both sides - availability of transparent PVC windows	polyester fabric PVC coated on both sides - availability of transparent PVC windows
Polyester thickness	0.7 mm for standard colors 0.6 mm (700 g/m ²) for Food fabric curtain (certifications CE - FDA)	1.0 mm
Horizontal reinforcements	multi-composite pipes with break-away system	multi-composite pipes with break-away system
Thermal resistance coefficient	5.8 W/m ² K	5.5 W/m ² K
Noise reduction	~ 12dB	~ 12dB
Reaction to fire	< 100 mm/min (ISO 3795) not self-extinguishing	Bs1d0 (NF EN 13501-1) self-extinguishing
Colors (similar)	Red RAL 3000 Blue RAL 5010 Orange RAL 2004 Grey RAL 7038 Yellow RAL 1021 Green RAL 6026 Cream RAL 1014 White RAL 9010 Light blue RAL 5012 Black RAL 9005	Blue RAL 5010 Grey RAL 7038
Windows	clear PVC 1 mm 980 x H 300	clear PVC 1 mm 980 x H 300