



AIRSLIDE

**AUTOMATIC SLIDING DOOR
WITH INTEGRATED AIR CURTAIN**

FAAC
Simply automatic.

AIRSLIDE

3 ADVANTAGES FOR ALL TO SEE

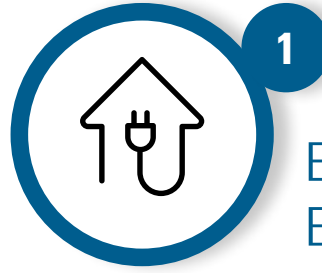


FAAC INTEGRATED AIR CURTAIN: DESIGN AND PERFORMANCE

Over twice the efficiency and comfort compared to a traditional air curtain

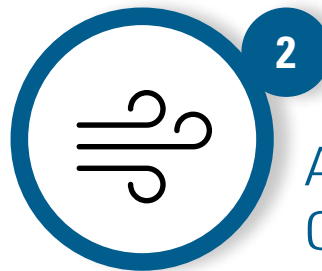


**TRADITIONAL
AIR CURTAIN:
INEFFICIENT AND
UNAESTHETIC**



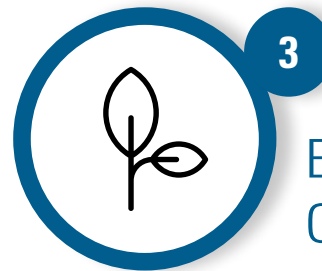
1 ENERGY EFFICIENCY

An air barrier protects the entrance area from the cold in winter and the heat in summer, without dispersion. This solution, designed for automatic entrances, allows the air to be kept inside the building, thereby helping to reduce energy consumption.



2 AIR QUALITY

An effective protection because it limits the entry of smog, dust, dirt and insects from the external environment.



3 ENVIRONMENTAL COMFORT

Installing a FAAC sliding door with an AIRSLIDE system is always the ideal solution to ensure the very highest standards of comfort, because it guarantees a considerable reduction in irritating drafts from the door.



FAAC defines SAFE ZONE AND GREEN TECH as follows:

SAFE ZONE: The systems that make it easier to produce automation systems that comply with the requirements of the current European Directive on safety (DM 2006/42/EC).

GREEN TECH: The patented devices or technological mechanical innovations that enable the energy consumption of the automation systems to be reduced.

THE AUTOMATIC DOOR FOR EVERY NEED



AIRSLIDE IS THE ONLY AUTOMATIC SLIDING DOOR WITH AN INTEGRATED AIR CURTAIN. PATENTED PRODUCT.

The AIRSLIDE system combines the automatic opening and air curtain systems into a single unit, with obvious aesthetic and functional advantages. Its sleek design makes it easy to integrate into any architectural context.

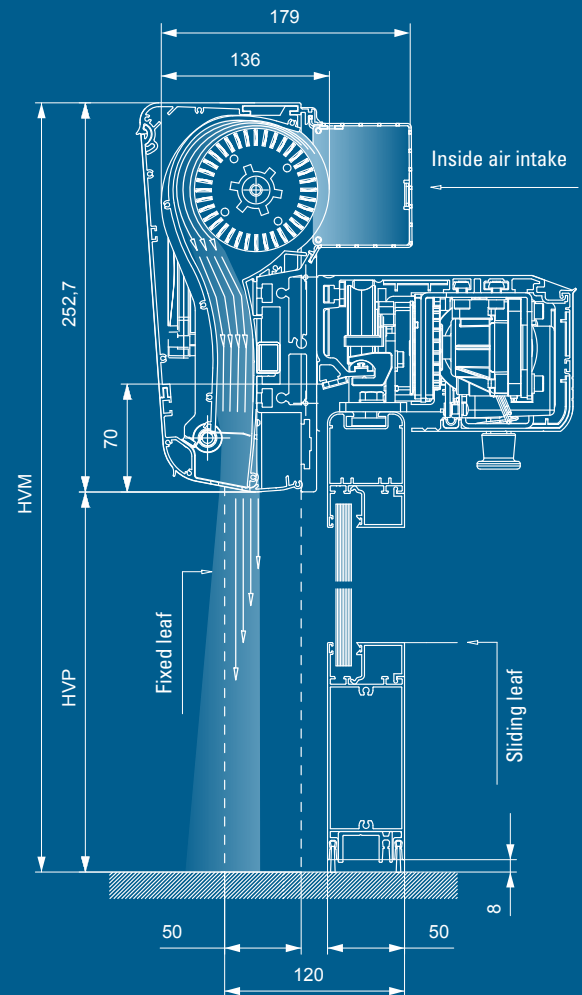
EN16005

Complies with European Standard EN16005 regarding the safety in use of automatic doors.

energy  saving

Its innovative "Energy Saving" device enables it to identify the direction of transit and optimises opening / closing times perfectly to avoid unnecessary air dispersion, even in the event of cross traffic. This device allows energy savings to be made and optimizes the temperature changes inside the room and next to the doors.

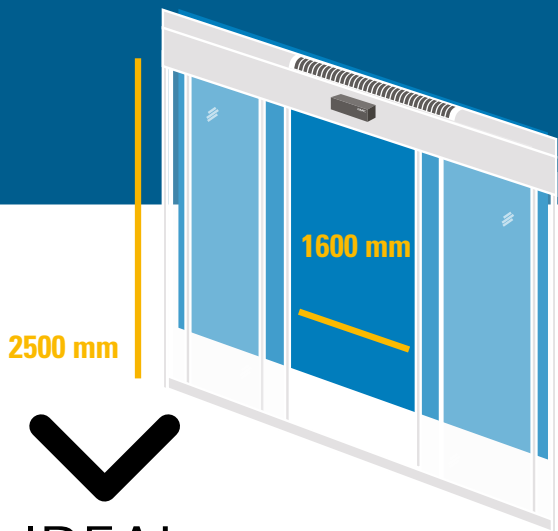
TECHNICAL CHARACTERISTICS



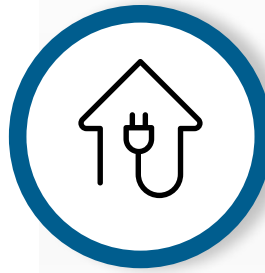
Power supply	220-240 V~ 50/60 Hz
Max power consumption	160 W (single motor) 330 W (dual motor)
Frequency of use	100%
Electric motor	Asynchronous single-phase motor
Motor rotation speed	2850 rpm
Fan diameter	80 mm
Fan length	360 mm - 500 mm
Beam dimensions (D x H)	182.1 x 252.5 mm (including grille)
Output air speed from grilles at heights of 0 to 2.5 m	15.3 - 4.2 (m/s)
Airflow (m³/h)	1250
Noise level (dB) at 5m	49.5 - 57.5
Operating temperature	- 20° C / + 55° C
Automation protection rating	IP23

TYPICAL CONFIGURATION

PASSAGE OPENING
1600mm

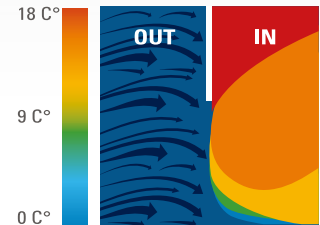


IDEAL
FOR HOTELS, SHOPS,
PHARMACIES,
OFFICES, AIRPORTS,
SHOPPING CENTRES,
MUSEUMS AND
HOSPITALS

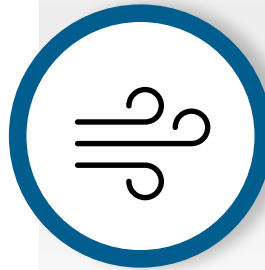


ENERGY EFFICIENCY

- ▶ DIFFERENCE BETWEEN INDOOR AND OUTDOOR TEMPERATURE 18°C

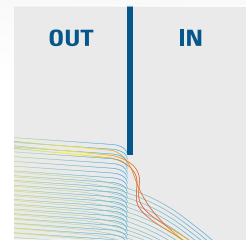


- ▶ ENERGY EFFICIENCY RESULTING IN 62% REDUCTION HEAT DISPERSION



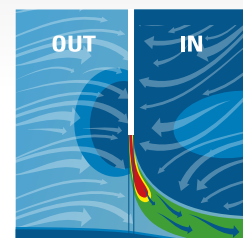
AIR QUALITY

- ▶ WIND SPEED 7.5 KM/H
- ▶ EFFECTIVELY REDUCES DUST ENTRY BY 62%



ENVIRONMENTAL COMFORT

- ▶ WIND SPEED 7.5 KM/H
- ▶ 48% REDUCTION IN AIR FLOW FROM OUTSIDE



Results obtained in collaboration with ERGON RESEARCH, approved spin-off of the University of Florence, whose sophisticated ANSYS software has allowed us to simulate the operation and efficiency of the AIRSLIDE air curtain with great precision.

AIRSLIDE: KEEPS THE ADVANTAGES IN AND THE PROBLEMS OUT



KEEPS IN
WARM AIR IN WINTER
COOL AIR IN SUMMER
CLEAN AIR



KEEPS OUT
COLD IN WINTER
HEAT IN SUMMER
DUST
SMOKE
UNPLEASANT ODOURS
INSECTS

NEW DESIGN

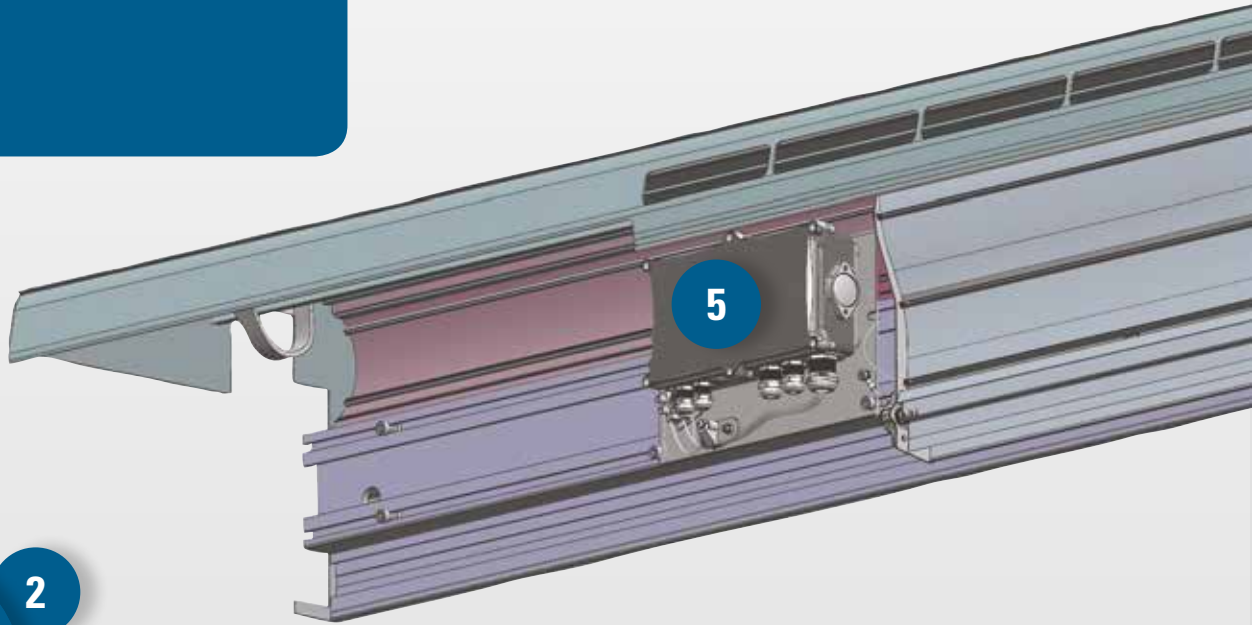
MAIN FEATURES



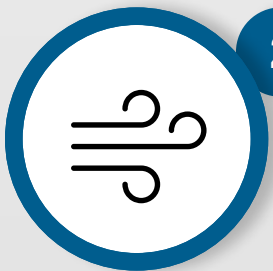
1

FAN CASING

Electric fan unit with extruded aluminium cover redesigned to increase airflow by 30% compared to the previous version.



5



2

FLAP CLOSURE

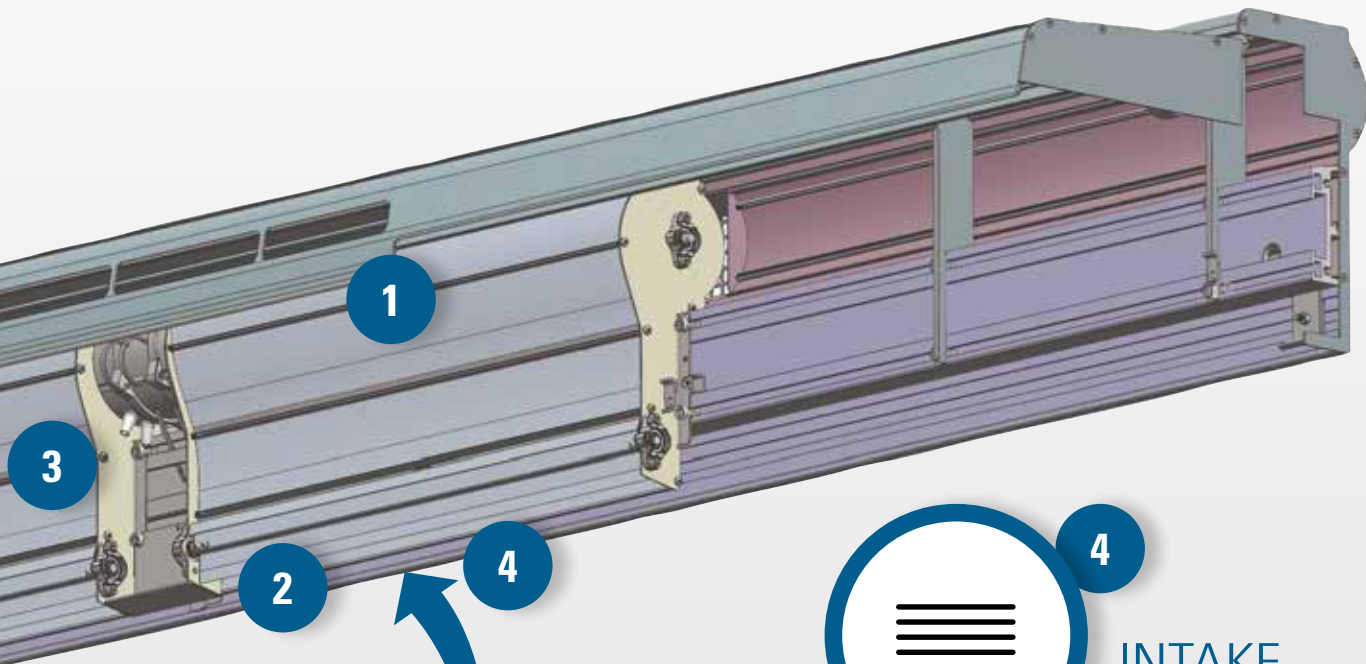
Bearing-mounted flap to prevent external air from entering when the air curtain is not in operation.



3

ELECTRIC FAN UNIT

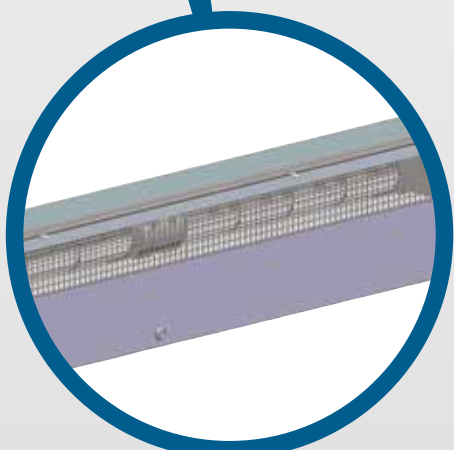
Casing made from a single redesigned aluminium profile with a reduced inclination to make it easier to install sensors. Kept open by a special joint in the profiles and safety cables. Electric fan unit completely redesigned for easy removal during maintenance.



4

INTAKE GRILLE

Extremely compact STAINLESS STEEL air intake unit.



5

ELECTRONIC BOARD E1AS

- 4 programmable speed levels.
- CANBUS connection for controlling the speed of the fans via a SDK evo functions keypad.
- Can drive up to 2 electric fan units.
- USB port for firmware updates.



SDK EVO FUNCTIONS KEYPAD

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