



# AIRSLIDE SLIDING DOOR

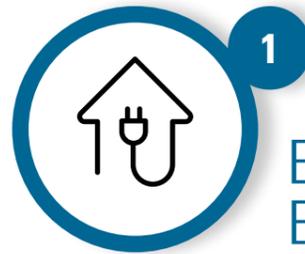
People pass, comfort remains.

**FAAC**  
*Simply automatic.*



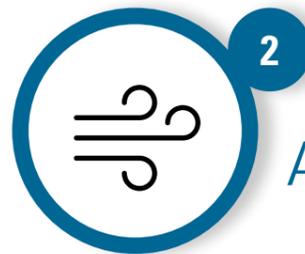
EN16005

# THREE MAJOR BENEFITS



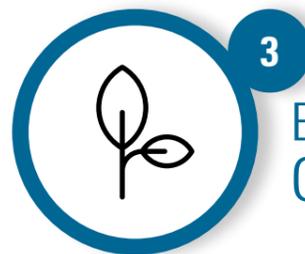
## ENERGY EFFICIENCY

An air barrier to protect the entrance-way without dispersion: protection from the cold in winter and the heat in summer. This solution, intended for automatic entrances, allows the ambient air to be kept inside the building, helping to reduce energy consumption.



## AIR QUALITY

Efficient protection because it limits the entry of smog, dust, dirt and insects from the outside environment, whilst the doors are open.



## ENVIRONMENTAL COMFORT

Installing a FAAC sliding door with AIRSLIDE system always means the ideal solution for ensuring the very highest standards of comfort, because it offers a considerable reduction in annoying draughts of air through the entrance.

# OUR MOST INNOVATIVE AUTOMATIC DOOR SYSTEM

FAAC, the Italian company operating in the sector of automation solutions for doors, windows and shutters, boasts the innovative AIRSLIDE model with integrated environmental air barrier.



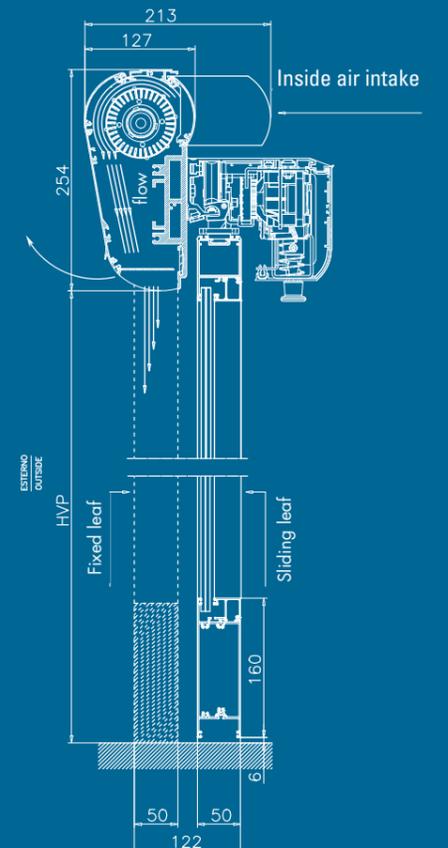
**THE AIRSLIDE SYSTEM OFFERS A SINGLE, UNIQUE AND HIGHLY UNOBTRUSIVE SOLUTION. PATENTED PRODUCT.**

It combines automatic opening and the air barrier system into a single unit, with obvious aesthetic and functional advantages. Its curves and sleek lines make it easy to integrate into any architectural environment.

Discreet, elegant, and always safe, FAAC's range of automatic doors offers endless solutions, all marked by the technological innovation that has always distinguished its products in the world of automation.

# AIRSLIDE

## TECHNICAL INFORMATION



SPECIFICATION	AIRSLIDE
Nominal capacity (m <sup>3</sup> /h × m)	1300
Max. air output speed (m/s)	12.8
Motor rotation speed (rpm)	2850
Fan diameter (mm)	80
Max. motor power (W)	160
Max. installation height (m)	2.4

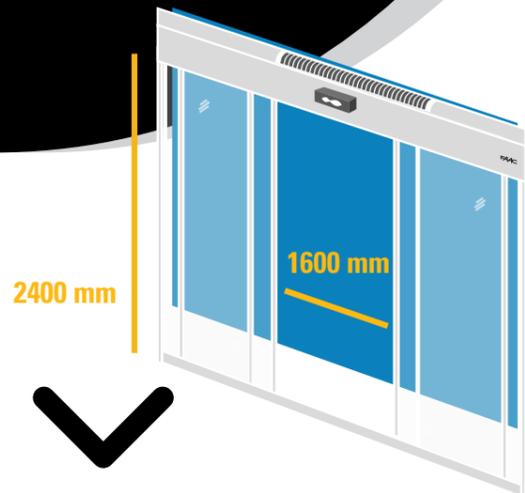
### FAAC SOLUTION: DESIGN AND PERFORMANCE

Over 50% more efficiency and comfort compared to a traditional barrier

### TRADITIONAL AIR BARRIER: INEFFICIENT AND UNSIGHTLY

# SINGLE ENTRANCE

PASSAGE OPENING  
1600 mm



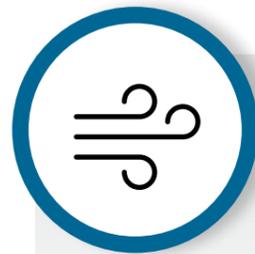
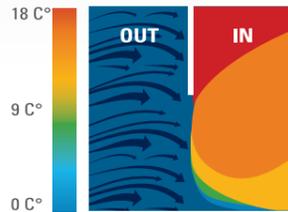
IDEAL FOR HOTELS,  
SHOPS, PHARMACIES  
AND OFFICES



## ENERGY EFFICIENCY

▶ DIFFERENCE BETWEEN  
OUTSIDE AND INSIDE  
TEMPERATURE  
18 °C

▶ EFFICIENCY  
REDUCES HEAT  
DISPERSION BY 52%



## AIR QUALITY

▶ WIND SPEED  
7.5 KM/H

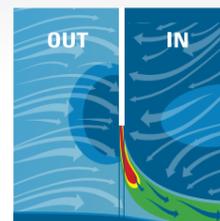
▶ EFFICIENCY  
REDUCES ENTRY OF DUST  
BY 55%



## ENVIRONMENTAL COMFORT

▶ WIND SPEED  
7.5 KM/H

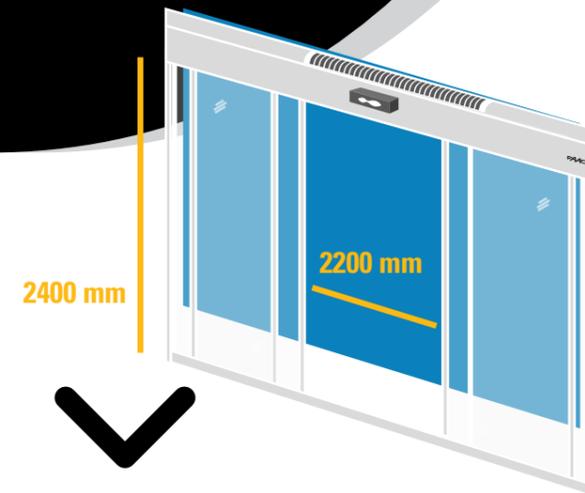
▶ EFFICIENCY  
SLASHES DRAUGHTS  
OF AIR BY 45%



Results achieved in collaboration with ERGON RESEARCH, approved spin-off of the University of Florence which, thanks to the sophisticated ANSYS software, allowed us to simulate the behaviour and efficiency of the AIRSLIDE air barrier with a high degree of precision.

# SINGLE ENTRANCE

PASSAGE OPENING  
2200 mm



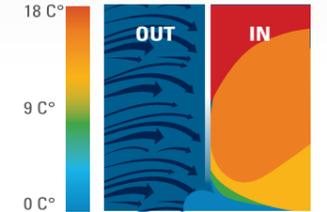
IDEAL FOR AIRPORTS,  
SHOPPING CENTRES,  
MUSEUMS AND  
HOSPITALS



## ENERGY EFFICIENCY

▶ DIFFERENCE BETWEEN  
OUTSIDE AND INSIDE  
TEMPERATURE  
18 °C

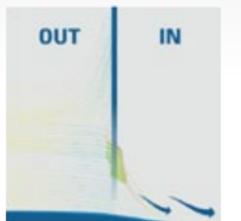
▶ EFFICIENCY  
REDUCES HEAT  
DISPERSION BY 60%



## AIR QUALITY

▶ WIND SPEED  
7.5 KM/H

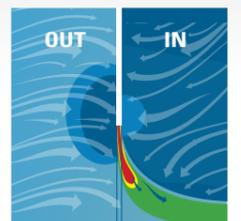
▶ EFFICIENCY  
REDUCES ENTRY OF DUST  
BY 62%



## ENVIRONMENTAL COMFORT

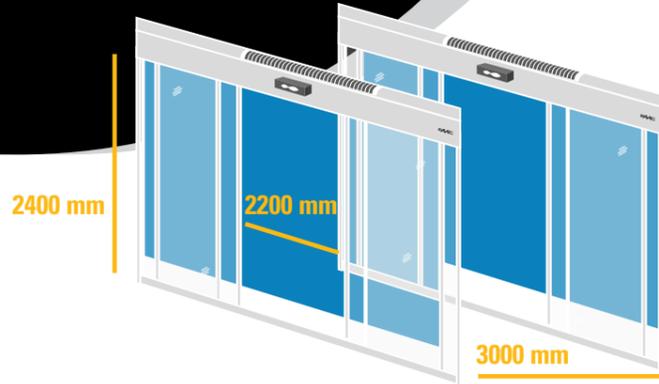
▶ WIND SPEED  
7.5 KM/H

▶ EFFICIENCY  
SLASHES DRAUGHTS  
OF AIR BY 48%



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# DOUBLE ENTRANCE



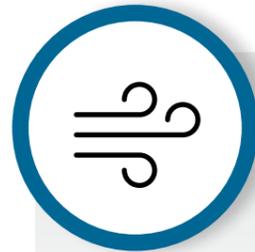
IDEAL FOR AIRPORTS,  
SHOPPING CENTRES



## ENERGY EFFICIENCY

DIFFERENCE BETWEEN OUTSIDE AND INSIDE TEMPERATURE 18 °C

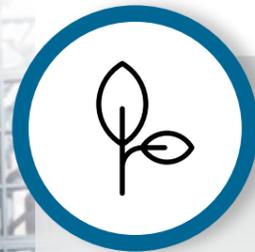
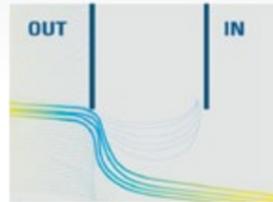
EFFICIENCY REDUCES HEAT DISPERSION BY 88%



## AIR QUALITY

WIND SPEED 15 KM/H

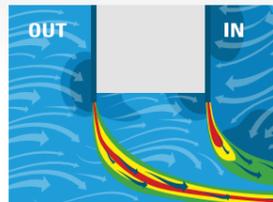
EFFICIENCY REDUCES ENTRY OF DUST BY 71%



## ENVIRONMENTAL COMFORT

WIND SPEED 15 KM/H

EFFICIENCY SLASHES DRAUGHTS OF AIR BY 44%



Results achieved in collaboration with ERGON RESEARCH, approved spin-off of the University of Florence which, thanks to the sophisticated ANSYS software, allowed us to simulate the behaviour and efficiency of the AIRSLIDE air barrier with a high degree of precision.

# AIRSLIDE: ADVANTAGES INSIDE, PROBLEMS OUT

## AIRSLIDE



**MAINTAINS**  
WARM AIR IN WINTER  
COOL AIR IN SUMMER  
CLEAN AIR



**REJECTS**  
WINTER COLD  
SUMMER HEAT  
DUST  
SMOKE  
NOXIOUS ODOURS  
INSECTS

WATCH THE VIDEO



## HEADQUARTERS

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