



AIRTECHNIC

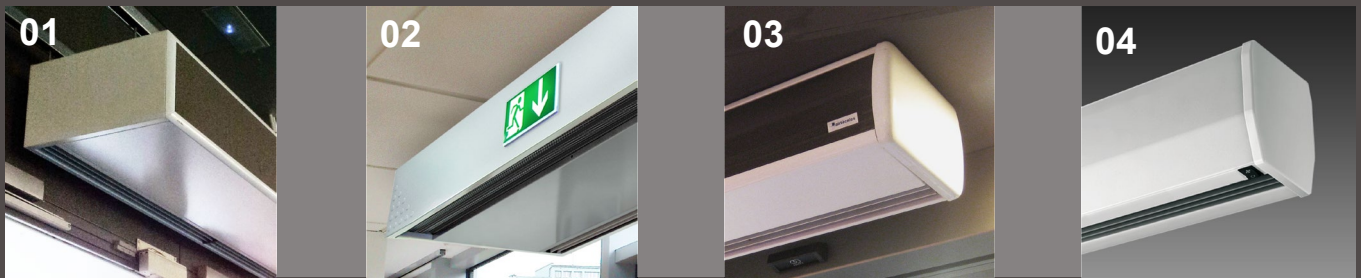
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Air-Conditioning & Ventilation Components & Systems

Standard Air Curtains

 **airtècnics**

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WINDBOX

Standard par excellence

01

Airtècnics air curtains create a high speed air flow acting as an invisible air barrier over the doorways. Its use can effectively separate the inside from the outside environment without limiting the access of people or vehicles.

The WINDBOX air curtains range provide equipment for commercial doors, designed to offer high performance with low noise levels. To achieve this balance, it is required a combination of a specific geometry plus the appropriate choice of all the components that define the air curtain, such as fans or regulation.

The attractive WINDBOX air curtains are ideal for controlling the interior environment of commercial or industrial premises that need to keep the doors open. Airtècnics offers a wide range of air curtains for all types of applications: Unheated (only air), electrical or water heated units.

With self-supporting steel frame panels, finished in epoxy-polyester paint white RAL 9016 as standard. Other colors or stainless steel available on request. Connection "plug and play" allows one-click link the curtain control with a telephone cable with RJ45 connectors for simple and error free.



WINDBOX SMG
Subway restaurant chain, Rotterdam (Holland)



WINDBOX SMG

Restaurant El Refugi Alpi, Andorra La Vella (Andorra)



Vuelve a conquistar tu vida



Pelea por estar juntos



WINDBOX SMG
IKEA store chain, Badalona (Spain)

aviat



WINDBOX SMG
CARREFOUR Supermarket, L'Estartit (Spain)



WINDBOX SMG
Born Centre Cultural, Barcelona (Spain)



WINDBOX SMG
Clothing shop, Amsterdam (Holland)



*WINDBOX SMG, multiple installation
Mercat de la Concepció, Barcelona (Spain)*



WINDBOX SMG
Sants railway station, Barcelona (Spain)



WINDBOX SMG, multiple installation with inlet plenum
JD Sport King, Rotterdam (Holland)

DAM

Standard polyvalent

02

The customisation of Airtècnics design air curtains is not only a matter of choosing the color, it also includes a wide range of signage like logotypes, graphics or special finishes with other materials, backlighting, etc.

A lot of attributes are given in aim to achieve a full integration of every installation in its environment.

Thus, within the WINDBOX range we find a very special model, the air curtain DAM.

Noted for its versatility and customisable front panel, this model performs a double top and bottom air inlet areas, effectively replacing the classical front inlet grille and eliminating the need for maintenance. Thus, its decorative front panel provides a clean and modern vision of the air curtain, camouflaging with the architectural shapes and ready for any customisation.

With self-supporting steel frame panels, finished in white RAL 9016. Other colors on request.



DAM
Stefanel shop, Amsterdam (Holland)



DAM with Exit lit sign
Hotel Campanile and Premiere Classe, Wroclaw (Poland)



DAM, recessed installation, painted yellow RAL
JD Sport King, Rotterdam (Holland)



*DAM, Twin system installation
FNAC Illa Diagonal Store, Barcelona (Spain)*

DAM TWIN air curtains system

The DAM TWIN system consists on the placement of two vertical DAM air curtains face to face, one with the air jet ahead and other with the air jet behind.

This way, at the end of each jet there is the inlet area of each air curtain that helps to close the air barrier. This creates a separation zone with double jet at the door entrance and is an optimal solution for installations with very adverse conditions.





*DAM, Twin system installation
FNAC Illa Diagonal Store, Barcelona (Spain)*

GO!

FRUIT
Fragepit

11€
15€
19€
DE QUINA TALLA
VOLS EL RAM?

aprabó

FRUIT
Fragepit

Several people are walking through the mall corridor.



OPTIMA

Rounded for commercial doors

03

Cold drafts usually originate in premises entries, penetrating inside and cooling the indoor environment.

In cafes, tapas bars, restaurants and the like, an open door can mean a significant reduction in the space, because in the areas close to the entrance, cold drafts deter the entry of customers with the consequent loss of business.

OPTIMA air curtains, suitable for commercial doors up to 2.8 m high, offer a compact and friendly design, thanks to their rounded shapes and radii.

These air curtains work with low noise twisted cross-flow fans, driven with a 2 speed external rotor motors. They also incorporate a front micro-perforated inlet grille with filter functions, that makes unnecessary an intensive filter servicing.

Formed by a self-supporting casing construction made of galvanised plated steel, painted epoxy-polyester structural white colour RAL 9016 as standard. Other colours are available on request



OPTIMA
Butcher Ca La Teresona, Vic (Spain)



*OPTIMA multiple installation
Terrassa Town Hall, Barcelona (Spain)*



OPTIMA
GEOX shop in Passeig de Gràcia, Barcelona (Spain)



*OPTIMA multiple installation painted black RAL
ALDI Supermarket, Esparraguera (Spain)*

levi's®

OPTIMA
LEVIS Shop in Passeig de Gracia, Barcelona (Spain)



*OPTIMA multiple installation
Atocha railway station, Madrid (Spain)*



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PCP-119



MINIBEL

Compact for small doorways

04

Air curtains allow a clear view inside the store or business and are a friendly invitation to enter without obligation eliminating the psychological barrier of the door. In stores, products may be located closer to the entrance increasing the useful area of exposure.

We find air curtains for all types of doorways, from small windows (kiosks) to large industrial doors.

Low pressure MINIBEL air curtains, with a compact design, are perfect for openings up to 1.8 m high, emerging as the most economical alternative among the range of air curtains for commercial doors.

It is an ideal model for kiosks, fast-food service windows and small sized shops inside large indoor shopping malls.

With self-supporting casing construction made of galvanized plated steel, painted epoxy-polyester structural white colour RAL 9016. They have an integrated switch for ventilation and heating control, with a cable connection of 1,5 m length.

Wall supports for wall mounting are included.



MINIBEL

BIRRA

El Rincón
Castellano

ambles

MINIBEL

El Rincón Castellano restaurant, Leganés (Spain)



MINIBEL

Rocamora pharmacy, Andorra La Vella (Andorra)



VIDAL

ESTIREU

MINIBEL
Adolfo Domínguez shop, (Spain)



MINIBEL
PaTapas, Barcelona (Spain)



MINIBEL
Pharmaceutical company (Nigeria)

Our air curtains range

The new and attractive Airtècnics air curtains are the ideal solution to control the indoor climate in commercial or industrial premises that need to keep their doors open.

Air curtains create an invisible barrier that efficiently divides the internal atmosphere from the external one. They substantially reduce energy losses through the door, up to 80%, while increasing employees and clients comfort.

For commercial premises, Airtècnics air curtains allow a clear view of the inside, welcoming the client to come in freely. The result is more customers and increase in sales. Moreover, they contribute to create a comfortable atmosphere at the entrances and indoor area, protect from cold and heat, repel insects and avoid dust, fumes and pollution entering the building.

The selection of the appropriate device is very important to obtain these advantages. Factors such as interior drops, strong winds, the door's location, several communicated floors and/or opposite doors and the height of the installation, among others, have to be taken into consideration at the time of choice.



Since year 1993, Airtècnics is fully integrated in the Rosenberg group, an organization specialised in the design, manufacture and distribution of ventilation equipments, air-conditioning and its components, with production plants, subsidiary companies and partners in more than 50 countries.



Control & regulation

The control over air curtains is essential to avoid spending more energy than necessary.

Our latest generation controller CLEVER, allows the automatic control of the air curtains performance in each situation, maintaining the comfort with the maximum energy saving.

- Proactive and intelligent regulation
- Many advanced functions and programmes
- Maximum energy savings
- Friendly interface design
- “Plug & Play” installation
- BMS connection

Management: App PC / ANDROID / iOS:



Accesories

Temperature sensors, door contact, ambient thermostat, anti-freeze sensor, thermostatic valve and Modbus TCP Ethernet.

Airtècnics, as air curtains specialist, can produce units with special requirements under request.

We present some of the possibilities:

- External alarm signals: unit working, heating ON, airflow switch, dirty grille, electronic overheating signal, fans overheating thermo contact TK, electrical heating blocked, etc...
- Water or steam coils for higher temperatures or different power than standard
- Special heating elements at desired power and power supply
- Dummies (empty air curtains) to combine with working units
- Industrial air curtains with ATEX fans

Please consult us for further information or other options



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