



## Decorative Air Curtains





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# ZEN

## Design and Customization

# 01

Aware of the importance that the visual impact has in today's society, Airtècnics have managed to combine to perfection the highest technology with the more exclusive beauty.

Decorative, minimalist and elegant, the new ZEN air curtain makes it the favorite of architects and designers to include in their projects. Apart from seamlessly integrate into any space, ZEN can become an active part of the decor and premises ambience offering more features than a standard air curtain.

On several occasions, the front panel has been used to signal an exit or indicate a path (as is the case of Barcelona airport). Many other times it has also been customised to include one or more clocks, textures, logos, backlighting, brand names, slogans, etc.





## Versatility and customisation

Decorative curtain air ZEN is fashionable.

With a central steel structure finished in black paint RAL 9913 and anodized aluminum front panels as standard.

Available in other colors, stainless steel AISI 304 glossy, matte or brushed. Special finishes with other materials such as aged metal, wood, glass, PVC / PES, logos, signage, graphics, lights, clocks, vinyl, slogans, etc.

**ZEN**, with anodized aluminum panels,  
Bishopsgate Office Building, London (UK)

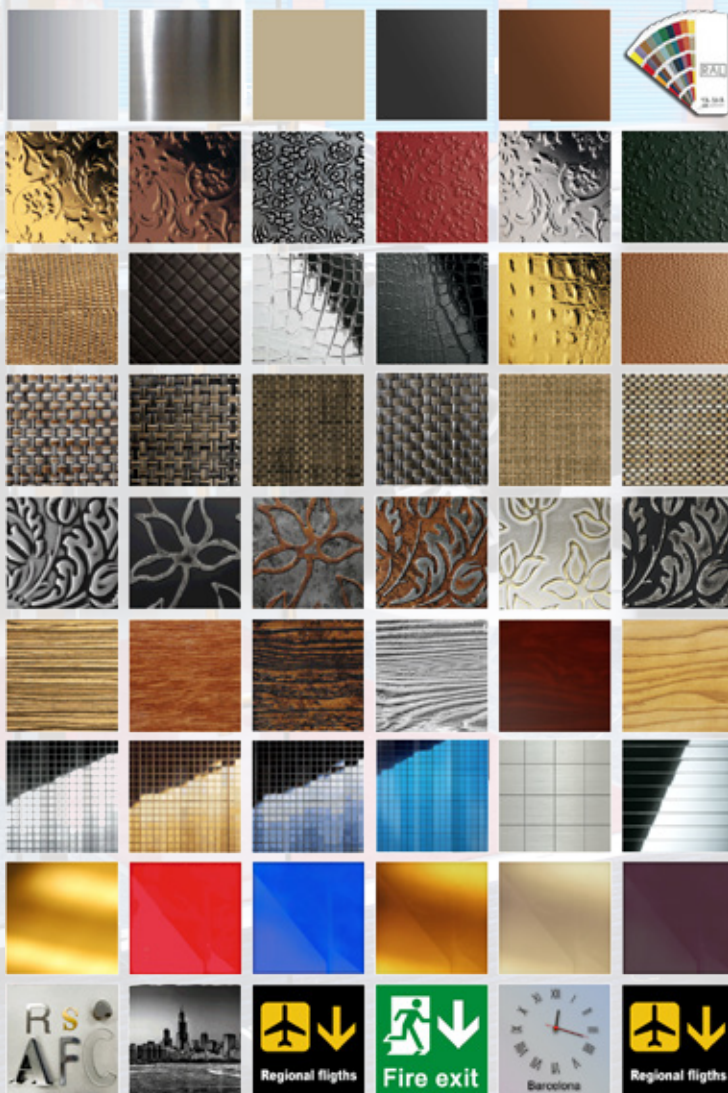




Left Side | **ZEN**, with stainless steel panels,  
Unite The Union Office Building, London (UK)

Right Up | **ZEN**, with aluminum panel, clocks and Exit sign  
Manzil Banqueting Hall Restaurant, Manchester (UK)





standard

floral

crocco/  
leather

screen

vintage

wood

kaleid-  
oscope

glass

logos /  
signs



ZEN with  
customised panel



ZEN with  
backlit logo



ZEN Wood Line  
finish





**ZEN**, black painted RAL and vinyl signage  
El Prat Airport, Barcelona (Spain)





### Airtècnics, also specialist in air curtains for Airports

In general, for its important area, Airports require all kind of air curtains, from the small ones used in the small conveyor belt openings to huge powerful units for hangar doors.

Architects and designers have at their disposal a decorative range of air curtains with countless possibilities. Zen, Rund, Dam and Deco models can be customised to integrate in the Airport environment and can even be used as gage panels.





SORTIDA

**ZEN**, wood panels finishing  
Viena Cornellà Store Splau Restaurant, Barcelona (Spain)





**ZEN**, painted black RAL, multiple installation  
National Art Museum of Catalonia (MNAC),  
Barcelona (Spain)





***ZEN**, with aluminum panels and vinyl logo  
Camp Nou Stadium Offices, FC Barcelona, Barcelona (España)*





**ZEN**, painted black RAL, multiple installation with threaded rods  
MANGO Outlet Shop, Santa Perpètua, Barcelona (Espanya)

# RUND

## Decorative Column

# 02

Decorative air curtain RUND, cylindrical in shape, is ideal for entrances and buildings where class, elegance and majesty is required.

Vertically installed on one or both sides of the door; horizontally above the entrance or encompassing large distances, RUND air curtains integrate seamlessly with the surrounding environment as an architectural column element.

This air curtain has a wide range of accessories and configurations to suit any need that requires the installation:

With stainless steel cylindrical arms to the wall or ceiling, with goalposts over the door, suspended with steel rods or vertical standing, versatility makes each installation “sui generis”.

With self-supporting steel frame panels, finished in epoxy-polyester paint RAL 9016 white or gray RAL 9006 as standard. Other colors or stainless steel polished finishes available under request.





***RUND**, vertical installation in stainless steel finish  
Pavilion Garden Restaurant Canary Wharf, London (UK)*





***RUND**, multiple horizontal installation, stainless steel finish  
National Audit Office, London (UK)*





### Our Air Curtains go to great lengths

Installation of a 7.4 m long stainless steel Rund air curtain system in central London.

The system is installed at 151 Buckingham Palace Road, an early 1990's landmark property situated adjacent to Victoria Station let to the Government and many organizations.

Two decorative air curtains with a dummy section at each end create a barrier of air that prevents cold air from entering the reception area even with the doors open.





*RUND, painted white RAL horizontal installation  
Fire Brigade Building, London (UK)*





***RUND**, horizontal installation with goalposts over the door  
Cadbury Factory, Bournville (UK)*



# DECO

## Rounded elegance

# 03

Elegant, classy and rounded, the air curtain DECO integrates the latest innovations of the series Windbox on an adaptive decorative design equipment.

Combining the properties of aluminum, steel and rounded shapes of their plastic, DECO model features a high quality design, and stands as a perfect choice for unique environments.

Its inlet micro-perforated grille, functions as easily regenerable filter service, making the use of internal filters unnecessary.

Furthermore, the curtain has sliding attachment points to facilitate its attachment to the roof.

With steel and aluminum profiles frame structure and finished with epoxy-polyester paint gray RAL 9006. Other colors available under request.





Sairtécnica









**DECO**  
Guess Shop, Passeig de Gràcia Barcelona (Spain)



# SMART

## New standard decorative generation

### 04

Based on the range of standard WINDBOX series and incorporating the contemporary elegance and rounded shapes of DECO air curtains, it comes the next generation, SMART air curtain. This new model integrates the latest technical innovations in the market on a single unit with an adaptive design to any decorative environment, maintaining the efficiency of WINDBOX air curtains.

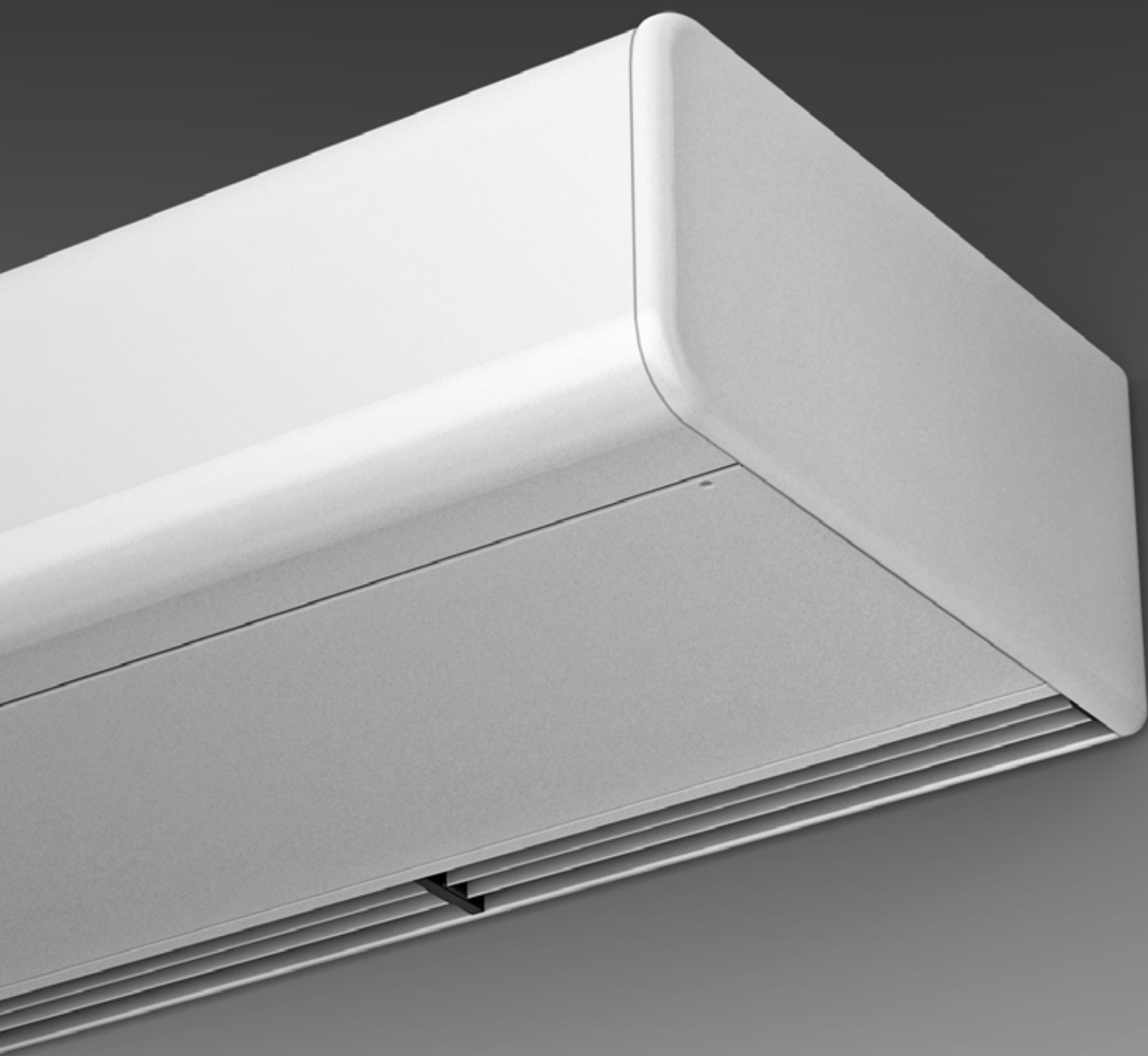
Combining the properties of steel and rounded shapes of its injected plastic side covers, the SMART air curtain presents a high quality design and finishes, and emerges as a perfect model straddling the standard and decorative ranges.

Thanks to its top inlet, the rounded front panel provides a clean and modern vision of the air curtain, hiding its inlet grille which acts as a filter. Thus, its front panel is available for any customization required by the customer: Logotypes, signage, etc.

In addition, the curtain incorporates a double security opening system for its service door and front panel for convenient maintenance and service.

With self-supporting steel frame panels, finished in epoxy-polyester paint white RAL 9016 as standard.





**SMART**  
*Virtual computer generated image*



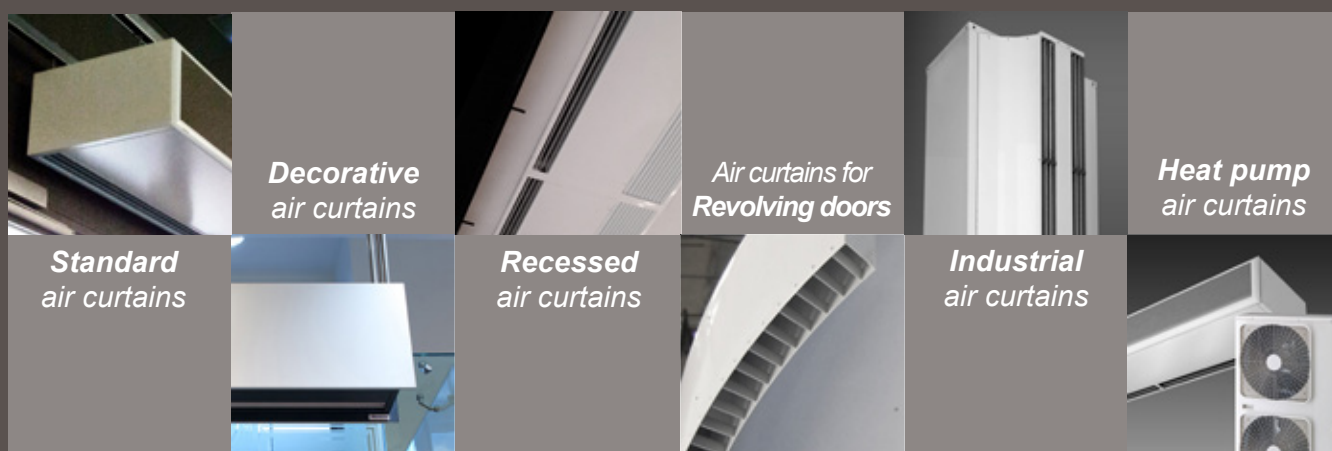
# Our air curtains range

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:



## Accessories

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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