Air Curtains for Recessed or Invisible Installation

airtècnics

Index

Recessed installation

01

A good way to integrate an air curtain in a premise, whether commercial or industrial, is by using recessed air curtains. This is possible provided that the premise has any element at the entrance that makes it possible recessed installation, as false ceiling, lateral columns or a bulkhead above the door.

In Airtècnics we place a special importance to this type of air curtain and we already have 5 different models that adapt to any kind of door and needs.

From resessed air curtains with visible surface or visible inlet grille, to air curtains installed invisible in false ceiling or also mounted vertically inside a column or horizontally in a bulkhead.

WINDBOX SMG, recessed with visible surface
Lacoste store, Amsterdam (Netherlands)

RECESSED WINDBOX
TOUS jewelry store, La Maquinista, Barcelona (Spain)

RECESSED DAM
Post Office, Via Ferrante, Milano (Italy)

RECESSED OPTIMA, *painted black RAL*
Restaurant Filandron, Madrid (Spain)

RECESSED WINDBOX *textured finish*
Martinete restaurant, Vip zone, Madrid (Spain)

False ceiling invisible installation

02

Roca London Gallery, designed by Zaha Hadid Architects is a unique building inspired in water movement that reflects fluidity and nature thanks to its stylised lines.

To separate the cold air from the air inside, climatically controlled, there have been selected tha Airtècnics Air Curtains thereby achieving a perfect integration with all the building elements.

Once more, the Airtècnics Air Curtains have been chosen for its elegant design, reliability and high performance.

WINDBOX SMG, recessed invisible surface
Painted black RAL
Sephora Shop, Milano (Italy)

WINDBOX SMG recessed invisible surface
MANGO shop, Portal de l'Àngel, Barcelona (Spain)

Invisible installation in a column or bulkhead

03

The new range of INVISAIR air curtains has been designed for applications where the unit is installed inside a column or horizontal bulkhead for architectural reasons.

INVISAIR, invisible horizontal installation
Alain Afflelou store, Barcelona (Spain)

16

INVISAIR, invisible horizontal installation
Alain Afflelou store, Barcelona (Spain)

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 appropiate 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.

Decorative
air curtains

Air curtains for
Revolving doors

Heat pump
air curtains

Standard
air curtains

Recessed
air curtains

Industrial
air curtains

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:

Intelligent **Total Control CLEVER**

Compatibility **PC / BMS ANDROID / iOS**

Simple installation **Plug & Play**

Ambient **Thermostat** and external temperature sensors

Regulation with valves thermostatic and solenoid

Magnetical **Door Contact**

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