

ADVANTAGES AND BENEFITS

The operation of an air curtain is based on the separation of two spaces using a high velocity air jet that covers the entire opening of the entrance or door.

The energy savings of the air curtain reduce heating and cooling costs by up to 80% and also maintain and protect the indoor climate and the comfort of people.

PROTECTS FROM:

Dust and pollution

Smoke and bad odours

Pests and insects

Wind draughts

Heat and cold weather



MAINTAINS:

Heating and cooling

Energy efficiency

Air quality and hygiene

Security and accessibility

Compliance with regulations



Maintains thermal comfort



Reduces heating costs



Customers and workers satisfaction



Improves visibility and accessibility

CONTROL AND REGULATION

Air curtains regulation is essential to reduce energy consumption substantially.

Our latest technology control system allows to manage the operation of the air curtains automatically according to each situation, maintaining indoors comfort with maximum energy savings.



Basic and advanced regulation



Conectivity
Modbus
BMS
and control
via APP



Easy
Plug & Play
installation

Accessories,
valves,
thermostats
and sensors



LEADERSHIP IN MARKET

- Over 35 years of experience.
- Presence in more than 55 countries.
- Standard, customised and tailor made curtains.
- Highly qualified engineering and R&D&i team.
- Web application for selection and configuration.
- Special requirements on request.



www.airtecnics.com



AIR CURTAINS

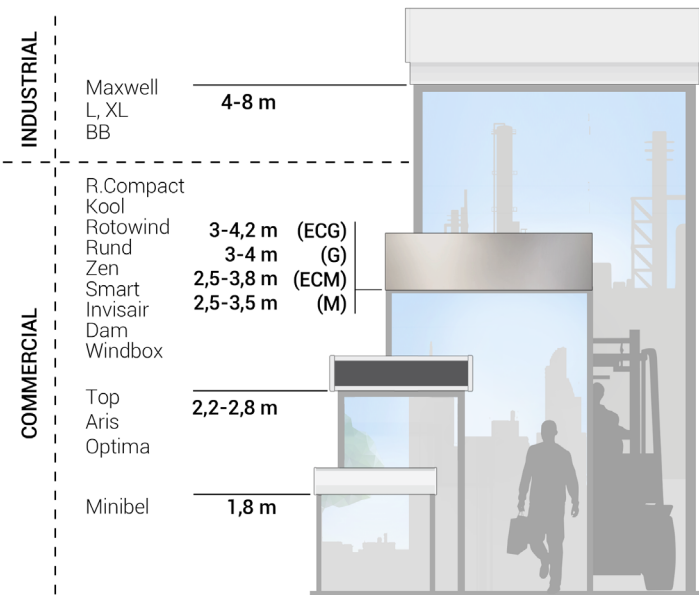


Airtècnics designs and produces a complete range of air curtains for all types of applications and installations. Our high quality, energy saving air curtains perfectly combine advanced technology with exclusive beauty.



OUR RANGE OF AIR CURTAINS

Our air curtains are manufactured according to exclusive criteria of high quality and reliability, thus obtaining high performance and energy savings combined with innovative design.



STANDARD AND RECESSED

Basic range with exposed air curtains or prepared for installation in false ceilings of commercial or industrial entrances.

DECORATIVE, CUSTOMIZED AND TAILOR-MADE

Air curtains designed to fit perfectly into any space. We offer a huge range of bespoke finishes and customizations.

INDUSTRIALS

Robust units for large doors such as entrances to warehouses, hangars, industrial buildings, logistics centres, loading bays or shopping centres, among others.

REVOLVING DOORS

They are custom designed to match perfectly the curvature of any brand and model of revolving doors.

HEAT PUMP

Sustainable air curtains incorporating a low consumption direct expansion coil, with energy savings of up to 70% in heating/cooling thanks to the heat pump system.

Installation

- Visible
- Recessed
- Revolving Door

Position

- Horizontal
- Vertical
- Multiple

Heating

- Hot / Cold Water
- Electric
- Heat Pump
- Without Heating

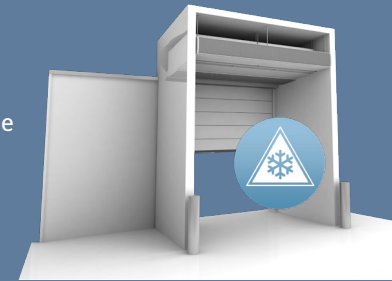
Finishes

- RAL Standard
- Stainless Steel
- Other Materials
- Customization

SPECIAL APPLICATIONS

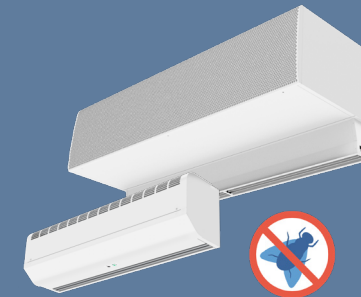
COLD ROOMS AND FREEZERS

Designed for freezers or cold rooms with a high temperature difference. Single or multiple jet to reduce ice, snow and fog.



INSECT CONTROL

Drastically reduce the entry of insects into food establishments, hospitals, food industry or clean areas. It comply with the NSF-37-2012 air curtain standard for food sector.



DAM TWIN

Optimal solution for installations with very adverse conditions or pressure differences. A double jet separation zone is created in the door.



DISINFECTION

Double disinfection and air purification technology with OH· Technology and photocatalytic action, for the neutralisation of viruses and bacteria and the air quality improvement.

