

# AIR CURTAINS

PURPOSE DESIGNED TO  
HARMONISE

WITH THE BUILT ENVIRONMENT



# DESIGN SOLUTIONS

Envirotec has established a reputation for producing some of the most effective air curtains available in the UK. The product range is extensive with units produced for high profile atriums as well as recessed or 'on-view' applications.



## HOW CAN AN AIR CURTAIN LOOK GOOD ABOVE THE ENTRANCE?

How can a functional heater be added, yet retain the aesthetic character of the development?

- We produce a series of high-spec air curtains that are designed to provide the architect with a choice of proven designs.
- Modifying the unit finish may ensure the unit blends well with its surroundings. Any recognised powder-coat colour can be applied, as well as our usual white. Brushed stainless steel is also an option that will suit many environments.
- A totally bespoke design may be an alternative. Envirotec has broad experience developing effective designs that satisfy the architect and 'end-users'.





### WHAT ARE THE BENEFITS OF FITTING A DOOR CURTAIN?

Its primary function is to provide an effective curtain of air, separating the external ambient air from the internal air-conditioned space to prevent the conditioned air escaping.

- The fuel costs of running central air conditioning plant will be reduced.
- Draughts will be greatly reduced.
- The ingress of airborne pollutants, including pollen, can be minimised.
- The only effective method of keeping out flying insects.
- Comfort levels will be increased for customers and visitors.



## DOES THE AIR CURTAIN ALWAYS HAVE TO BE INSTALLED ABOVE THE DOOR?

Convention has always been to install air curtains above an entrance however, conventions are made to be broken. Air curtains installed vertically either side of an entrance are now becoming increasingly popular. Indeed, vertical units offer unique advantages to the traditional over door installations:

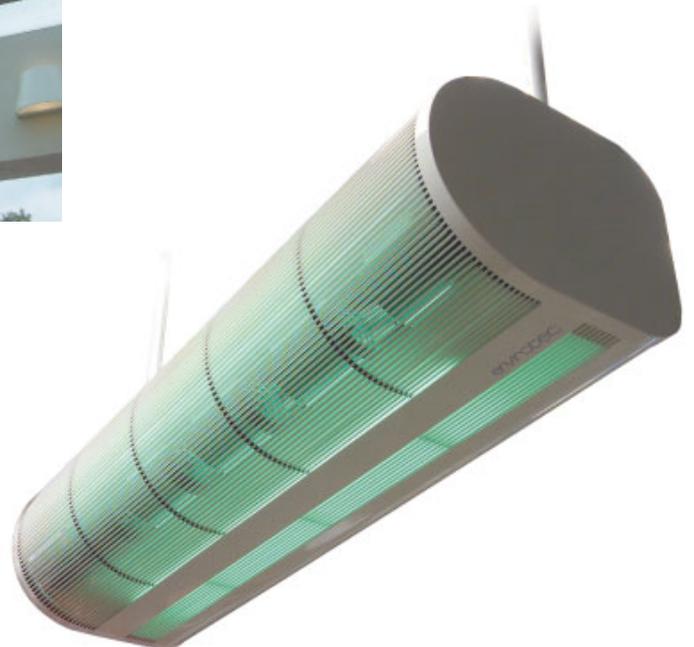
- Heat is more evenly distributed over entire height of entrance
- Low level heating in winter, increasing customer comfort
- With access for maintenance at the sides of the entrance, disruption is minimised
- Discreet supply of services with pipe and cable runs usually below floor level
- No need for any over door support structure or drop rods



## CAN ANCILLARY EQUIPMENT BE MOUNTED IN THE AIR CURTAIN?

Door opener buttons at office entrances or security sensors on retail applications can all be mounted on vertical units.

What about lighting? Increasingly, clients are calling for low voltage halogens to be installed in their over door air curtains, making a feature of the units as well as radically changing the ambience of the entrance lobby.



# PROJECTS IN PARTNERSHIP

Envirotec engineers work very closely with architects and end users to provide air curtains that are as aesthetically pleasing as possible. The broad range of units available from Envirotec means that clients are more likely to find the right design for an individual project.

Envirotec produces all units for specific orders. This means that the designs are extremely flexible, with client driven modifications being incorporated within standard production time scales.

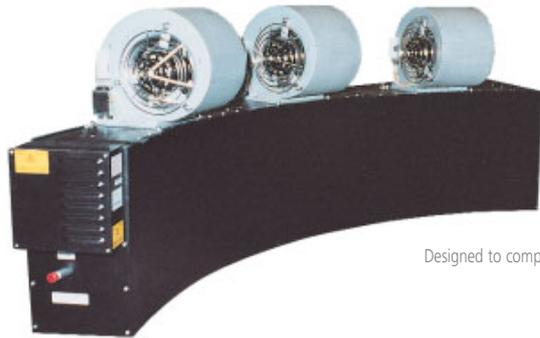
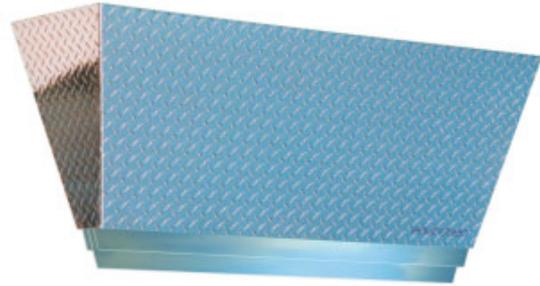
Envirotec engineers strive to appreciate fully the aims of their clients, attempting to foresee potential issues on site and ensure the right unit is installed. Over the years, a real sense of partnership has developed with many of these clients, who tell us they have great trust in both our products and staff.

The fruits of these partnerships are some of the most refined air curtains available in the market place today.



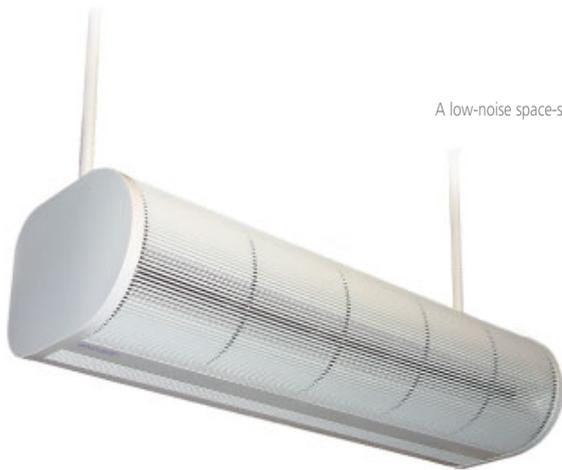
COMPLEX PROBLEMS – SIMPLY SOLVED

An unusual client-inspired design in polished checker-plate



Designed to complement a revolving door

A low-noise space-saving unit



The high capacity Air Barrier for large entrances

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