

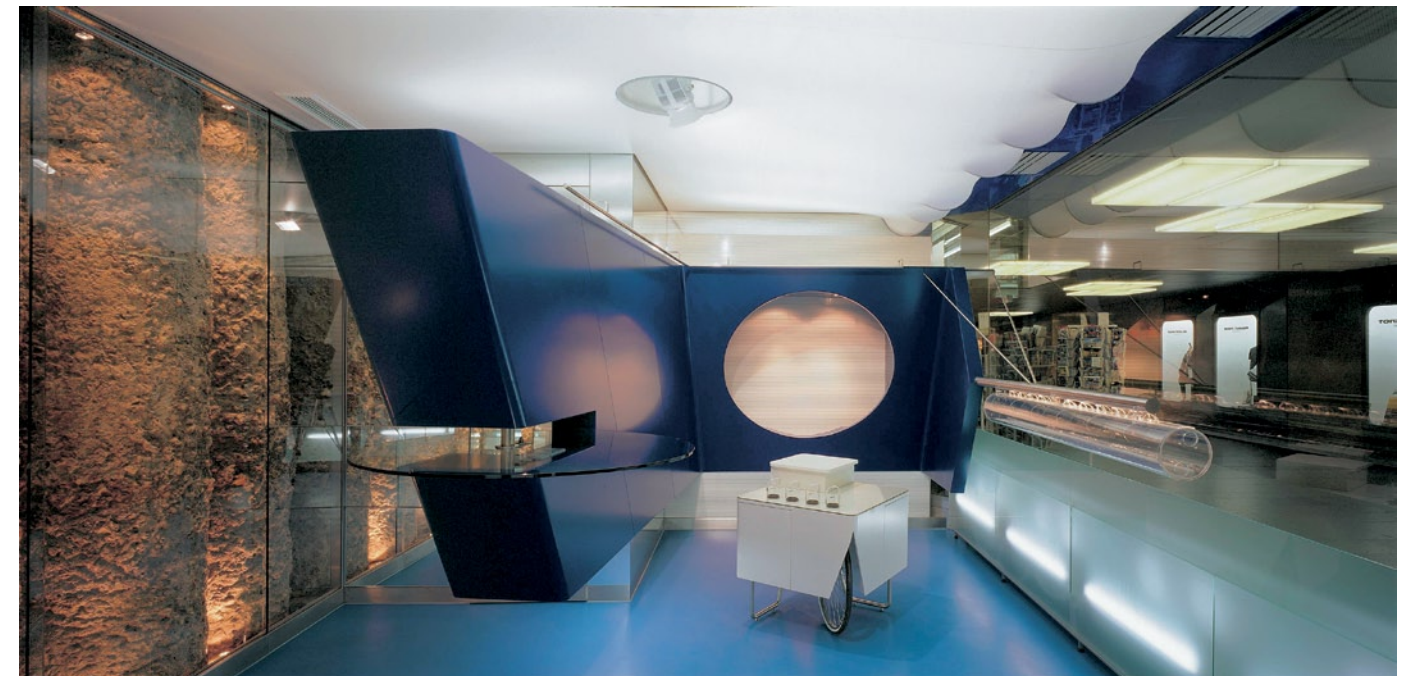
**EXTENZO**<sup>®</sup>  
Stretch Ceilings



EXTENZO

**CLIMACLICK**

**Air Conditioned  
Stretch Ceiling  
for maximum comfort**



**EXTENZO**<sup>®</sup> **CLIMACLICK**  
Air Conditioned Ceiling



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**EXTENZO**<sup>®</sup> **CLIMACLICK**  
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# EXTENZO® CLIMACLICK

Air Conditioned Ceiling

## The Extenzo Climaclick Stretch Ceiling for maximum comfort

One of the main disadvantages of conventional air conditioning systems is the kind of unpleasant experience we all have encountered at one time or another. Such things as:

- A draught of freezing air on leaving the bathroom. A chill from the air inlet above the bed.
- Sitting at a table in a restaurant with a cold breeze blowing down the back of your neck.
- Warm head, cold feet sitting at your office desk.

Extenzo Climaclick combines the benefits of a stretch ceiling (attractive appearance, choice of colours and materials, simplicity, quick installation, etc.) with a system of calibrated air slots which provides an ideal air circulation over the entire room.

## To make the most of the benefits of air conditioning

With conventional air conditioning, cold air falls right onto your shoulders whilst you are near the supply air vents, but you then lose the cooling sensation as you move away from them.

## The Ceiling radiates over the entire surface

Climaclick utilises two principles in treating a room. 1/3 of the heating/cooling effect is via the temperature radiating through the entire ceiling surface into the room and 2/3 by air circulation from the perimeter of the room via a calibrated air slot.

## No more draughts

The Climaclick system provides a real feeling of comfort throughout the room with no uncomfortable draughts. A specific software system has been developed to calculate the size of the air slot required, based on air inlet speed and the layout of the room. This allows for blanking of the slot in certain instances, e.g. at the head of the bed or near the air inlet duct.

## Uniform temperatures

Climaclick provides a uniform temperature, with the existing room air mixing perfectly with the supply air being fed from the entire perimeter of the room.

## An economical system

In a free cooling system, the circulating performance of Climaclick heats the cold air in the above ceiling space before it is fed into the room via the air slots, thus providing a more economical heating system.

## A healthy solution

There is less dust blown into the room, as the air speed is much lower than conventional systems. It is also easy to maintain, Climaclick is perfectly adapted to the demands of modern living and offers the full benefits of air conditioning in hotels, restaurants, conference rooms, offices, businesses, shops, museums, medical centres, etc.

## Attractive and space saving

There are no visible air conditioning vents, with the supply air coming from a virtually non visible slot around the rooms perimeter, this slot ranges from 4mm to 8mm in size, with no unsightly air conditioning units in the ceiling or on the walls. You also enjoy the benefits of the Climaclick Ceiling that is available in over 100 colours and in 10 different finishes.

## The operating principles of the Climaclick system

The supply air (heated or cooled) is blown into the ceiling cavity. A narrow slot is provided around the perimeter of the ceiling, which can be blanked off at predetermined positions, e.g. close to the air inlet or above the bed head or a doorway. The width of the slot is adjusted to suit the environment to ensure maximum comfort. As it circulates at a very low speed in the ceiling cavity, the air cools (or warms) the ceiling fabric which then radiates down into the room. It is then blown straight down through the slot along the walls and carries with it the existing air in the room and cools (or warms) the walls which then radiate into the room. The air then reaches the bottom of the wall at a very low speed and at a temperature very close to the ambient, thus guaranteeing the absence of any draughts. In addition, this ensures that the velocity of the supply air is consistent throughout the room without any of the air returning into the ceiling cavity via the air vent. The result is that the air sweeps through the entire room before being evacuated via the return air recovery point, which ensures highly uniform ventilation of the room.

Climaclick has been developed with the cooperation with the CETIAT (Technical Centre for the Aeraulic and Heating Industries) and the ENSAIS (National University of Arts and Industries of Strasbourg.) A complete set of test results and data is available on request.

## EXTENZO Climaclick — a patented technology

