



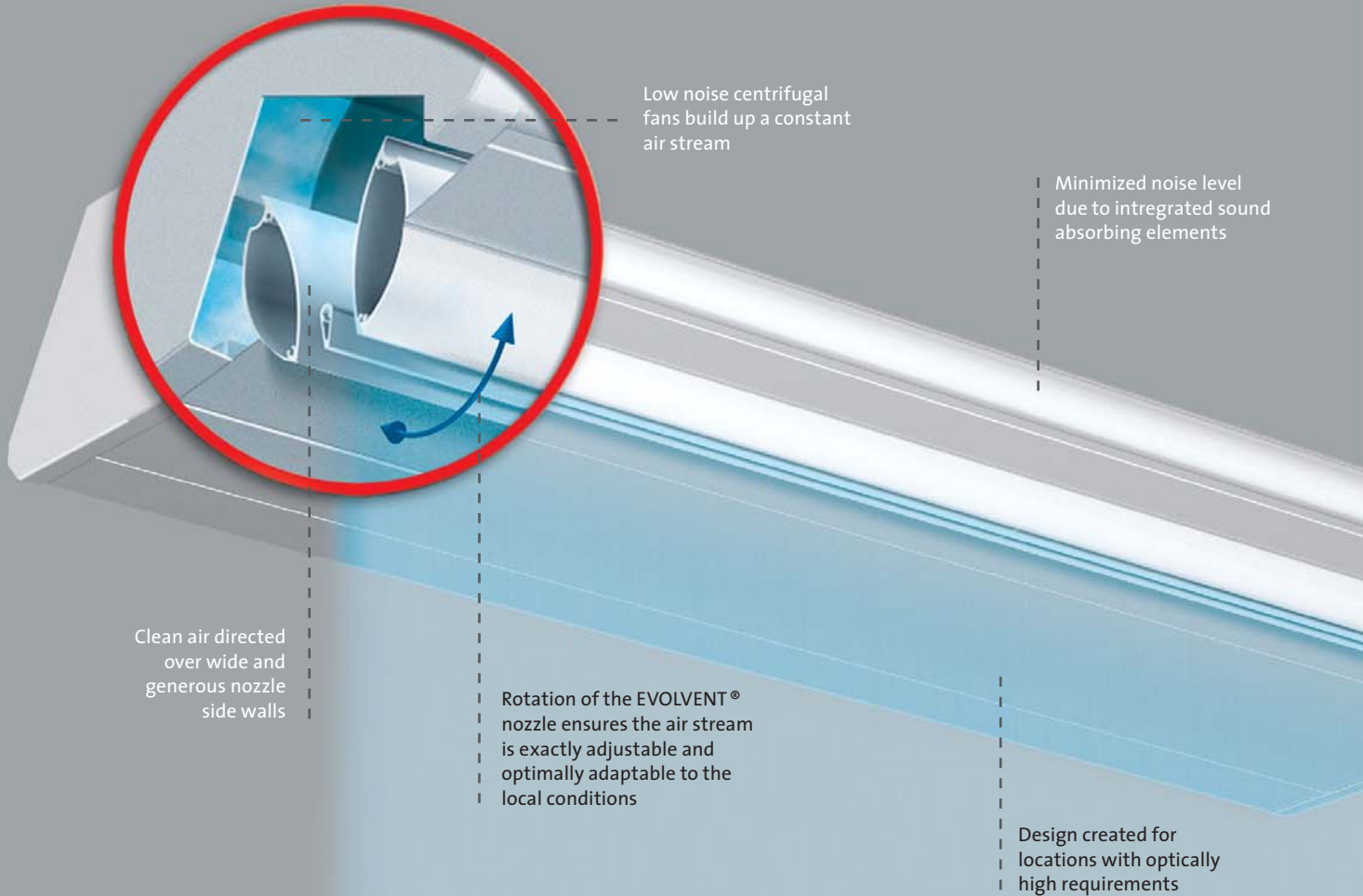
[®]EVOLVENT

The energy saving nozzle



TEDDINGTON



The nozzle makes the difference.



The system comparison (same shielding capacity)

	 Conventional system *	 Pressure-chamber-nozzle-system **
Inlet air temperature	20 °C / 68 °F	20 °C / 68 °F
Blowing out air temperature	37 °C / 98.6 °F	37 °C / 98.6 °F
Air volume	5400 m ³ /h	4000 m ³ /h
Need of heating capacity	36 kW	23 kW
Pay-back period	2.3 years	1.5 years

* Comparison with conventional air leading by lamella outlets (rain drop form), for example A 3-200 W

** Comparison model EVO 2-200 W

The result

The energy saving achieved by the EVOLVENT® pressure-chamber-nozzle-system compared with the conventional air leading units means rapid amortization.

Rapid return on investment costs.
Long-term reduction in operating costs.



In public, commercial and industrial buildings, air curtains have become indispensable. They are an important part of the entrance. Air curtains provide a comfortable atmosphere and reduce energy losses caused by unnecessary air interchange.

The right way to save money with intelligent technology!

Standard units with conventional air direction systems guide the air stream over lamella outlets. The thus created air curtain is turbulent and adjustable to only a limited degree. To build up an efficient air curtain with this system – especially for big doors – a huge air volume and a lot of heating capacity are necessary.

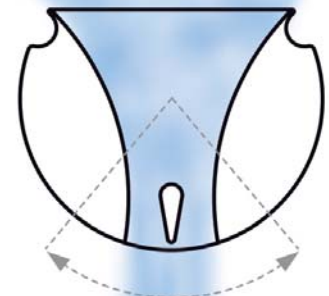
Teddington units with the patented EVOLVENT® pressure-chamber-nozzle-system compress the air inside the pressure chamber and spread it equally over the whole outblow jet. Over the whole exhaust area, the air stream gains such additional acceleration that a concentrated, non-inductive curtain is formed against the outside air. In comparison to a conventional system, significantly less air and energy are used to achieve the same effect.

Control units adaptable to the individual wishes and requirements of our customers



Up to **40%** energy saving!

The patented EVOLVENT® pressure-chamber-nozzle-system amortizes fast and preserves the environment.



EVOLVENT® – advantages at a glance

- bundled, homogeneous air stream with a high throwing range
- high shielding capacity
- infinitely and precisely adjustable outblowing angle
- low noise operation level
- up to 80% energy saving in rooms with permanently opened doors
- up to 40% less energy requirement than with conventional air leading systems
- proven and reliable quality

You have made a good decision.

TEDDINGTON. Pioneers of the Air Curtain Technology.

Teddington air curtains with EVOLVENT[®] pressure-chamber-nozzle-system are available for every application. A wide range of types and design solutions.



Installations for visible mountings.



Installations for vertical, visible mounting.



Installations for integrated ceiling mountings.



Installations for automatic sliding doors.



Installation types for visible mountings in areas with higher optical requirements.



Installations for integration in revolving doors.



Powerful air curtain types for industrial applications, horizontally and vertically mountable.



Energy saving air curtain types for industrial applications, horizontally and vertically mountable.



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