

TWISTED DIFFUSERS

TWISTED DIFFUSERS...when performance becomes design

Twisted, Aldes latest range of high induction swirl diffusers for unequalled comfort and perfect integration.

Aldes, recognized manufacturer of solutions for improving interior air quality and comfort in commercial premises, presents: **Twisted, a range of air diffusers for a new level of comfort.** Wholly developed by Aldes, this range is dedicated to air conditioning of commercial premises benefits from a sober and discrete design, while ensuring an **exceptional quality of diffusion.**



The Twisted range of diffusers is adapted to small and medium sized commercial premises such as restaurants, offices, hotels, banks, small shops, nurseries, retirement homes, show-rooms, open-spaces...

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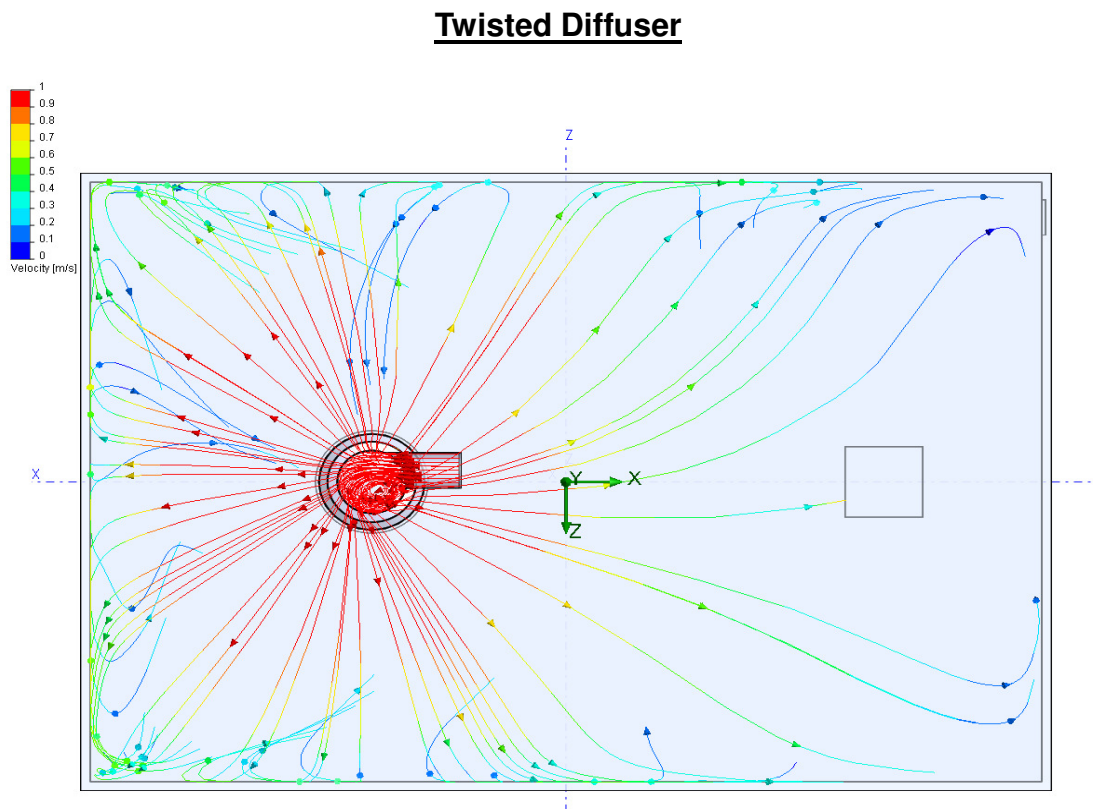
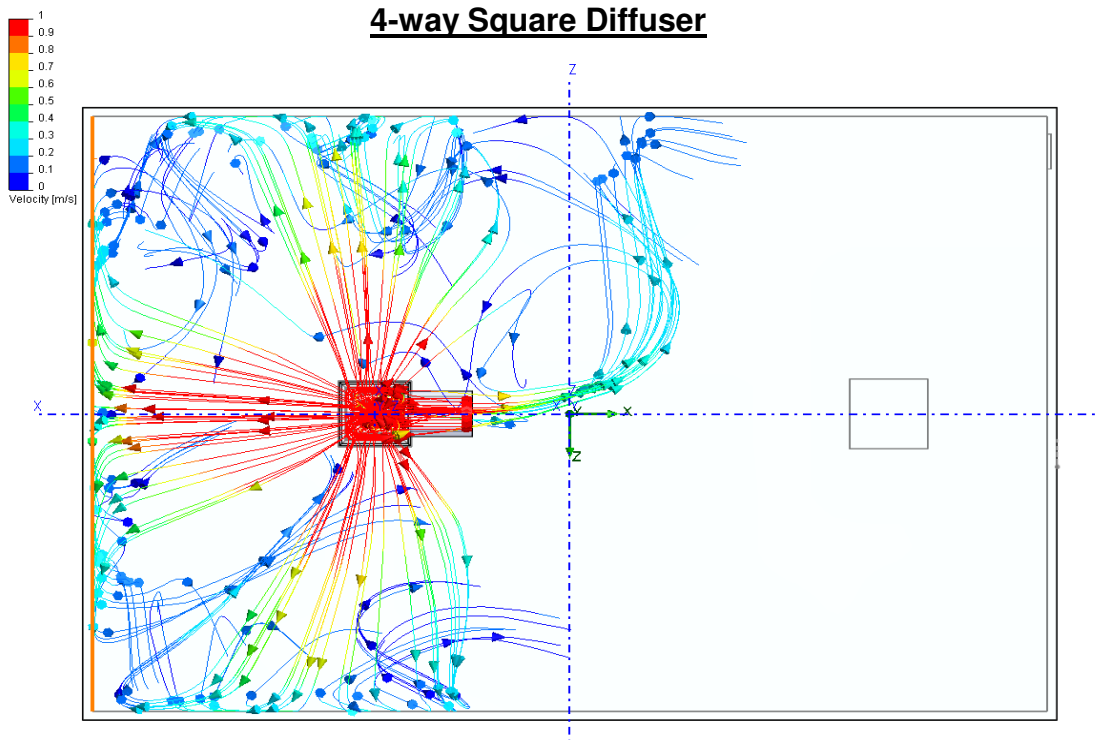
Aldes proposes Twisted, a range of high induction swirl diffusers. A solution combining design and a patented system of efficient diffusion.

Dedicated to air conditioning, the Twisted diffusers are equipped with a **patented system of swirl diffusion** that provides added mixing capacity. Through its design, the Twisted can maintain the quality of the air diffusion over a wide range of airflow. Whether in high or low speed, the Twisted diffusers keep the capacity to mix the supply air with the room air ambient for greater temperature consistency and therefore **optimum comfort**. They are effective when heating and cooling and both accept high mixing rates and temperature variations over 15°C.

In short, Twisted is a **simple and efficient** alternative to most of the diffusers present in the market today.



AIR DIFFUSION COMPARISON - TWISTED vs 4-WAY SQUARE DIFFUSER



ADVANTAGES OF TWISTED DIFFUSERS

ARCHITECTS

- ✓ Product design: Sober, discreet and monolithic.
- ✓ Same aesthetic for supply & return diffusers.
- ✓ Suitable for installation in different types of ceiling systems as well as plasterboard.

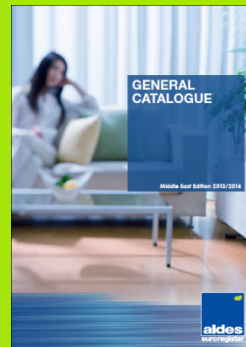
MEP CONSULTANTS

- ✓ Excellent (swirl) diffusion in cooling: fast mixing of supplied air with inside air even with ΔT_{max} until $-15^{\circ}C$.
- ✓ Perfect for installations with high mixing rate and ceiling height up to 4m.
- ✓ Small air throw even for big airflows
- ✓ Wide airflow range (150 - 650 m³/h) with same size of diffuser.
- ✓ Pressure loss: very low on supply model (28Pa with plenum for 650 m³/h)
- ✓ Easy to design: 1 model for mainly all the pieces in the building

MEP CONTRACTORS

- ✓ NO STRESS: Only 1 model = easy to order, easy to plan & execute installation (plenum integrated), less chance of mistakes on the buildings (need to identify supply & exhaust versions only)

The Aldes ME Catalog 2013-14 has been released. To get your copy, please ask your contact at any Aldes ME outlet or send us your request by email :
contact.aldes.ae@aldes.com



For further information or enquiry, please visit our website
www.aldes.ae