Novaclime

Product Sheet



Turbulent Diffuser

Diffusers

Novaclime Turbulent Diffusers are the ideal HVAC solution for homogeneous air distribution and superior comfort in industrial areas.

SKU
CMN7DSWD

General Features

- High induction rate
- Homogeneous air distribution
- Low sound level
- Ideal for high-ceilinged spaces
- Durable material structure
- Aesthetic and functional design
- Easy integration

Installation Type

- Determine the installation location and take the necessary measurements.
- Secure the diffuser's duct connection port to the air duct.
- Place the diffuser in the ceiling void or mounting surface.
- If necessary, secure the diffuser in place using fixing screws or clips.
- Check the damper settings (if any) to adjust the air flow direction and quantity.

Surface Finish

- Electrostatic powder coating (RAL colors)
- Anodized coating
- Natural aluminum

Accessories

- Plenum box
- Air flow control damper
- Mounting accessories
- Thermal insulation

Detailed Content

What is a Turbulent Diffuser?

Novaclime Turbulent Diffusers are designed to provide high-performance air distribution in industrial and commercial areas. These diffusers help to distribute the ambient temperature and air quality homogeneously by spreading the air flow into the room in a turbulent manner. It offers an effective ventilation solution, especially in high-ceilinged spaces and large-volume areas.

Superior Air Distribution Performance

Novaclime Turbulent Diffusers distribute air in the form of numerous small jets thanks to their specially designed vane structures. These jets mix quickly with the ambient air, increasing the induction rate and thus reducing the air velocity. As a result, a comfortable and balanced air flow is provided in every point of the room. This feature is ideal for large areas such as offices, shopping malls, factories and warehouses.

Durable Structure and Easy Installation

As Novaclime, we care that our products are both functional and durable. Our Turbulent Diffusers are manufactured from high quality materials and offer long-lasting use. Thanks to their modular structure, they are easy and quick to assemble. It is designed to adapt to various ceiling types and duct systems. Considering the ease of maintenance, it helps to reduce operating costs in the long run.