



**EXPERT IN AIR
DISTRIBUTION**

www.grada.com



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QUICK RESPONSE CULTURE
SMART SOLUTIONS
EXPERT IN AIR DISTRIBUTION AND CONTROL
EXTENSIVE TECHNICAL SUPPORT

COMPANY INTRODUCTION

For over half of a century Grada International has been a reliable partner and expert supplier of smart solutions in the field of air distribution, air control and air comfort. Contributing towards a more comfortable and healthier building environment.



Continuous development of the product range by our in house R&D department, a highly optimized production organization and the expert technical support of our sales department have made Grada International a highly regarded and reliable partner in the world of ventilation and air control.

Due to continuing investment, high quality finish, competitive delivery times and excellent customer service, Grada International NV has become one of the most important manufacturers in the ventilation equipment market.

- Developed and manufactured in Belgium
- Shortest lead times in the market
- Inhouse testing and validation

VISION

We are the most flexible and responsive supplier of air distribution products in Europe.

Our mission is to continuously develop and deliver smart solutions for your air distribution projects. We strive to offer you extensive technical support and we are committed to have the shortest lead times in the industry.

More than 22,000 products are produced, starting from sheet steel or aluminium extrusions and ending with the painted and packed finished product.



INTERNATIONAL PRESENCE



SALES ORGANISATION

GRADA IN EUROPE

As a Belgian manufacturer we have a strong presence in Europe with our own sales offices in Belgium, France, Germany and the United Kingdom.

Our sales organisation is based on a strong internal sales force. Your enquiry is handled personally by a single point of contact. This way we guarantee a fast and accurate offer.



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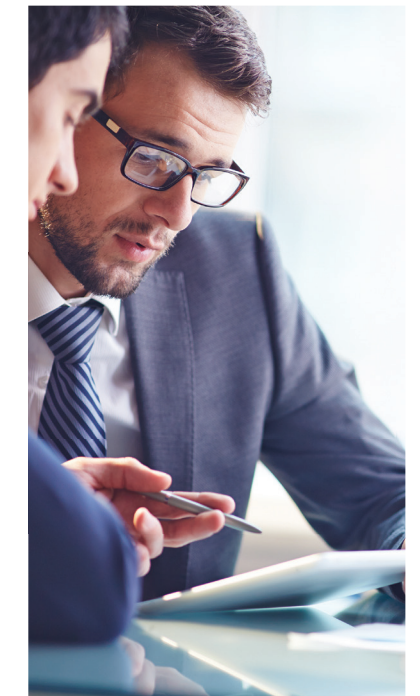
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PRODUCTION ORGANISATION



MANUFACTURED IN BELGIUM

Our products are being manufactured in our plant in Lokeren Belgium. Starting from sheet steel or extruded aluminium to ultimately obtain a finished, coated and packaged product. Production is supported by a die workshop. The machinery is continuously upgraded, while over the years Grada has evolved to become a CNC-controlled and semi-automatic working environment.



SHORTEST LEAD TIMES

Thanks to an efficient quick response manufacturing process, smart inventory management and the excellent logistics department we can offer you very fast delivery times.

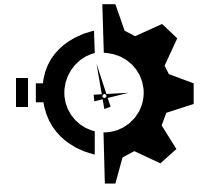
MADE TO ORDER

We design and manufacture any type of diffuser, plenum box, external louvre or penthouse to meet the challenges that your company faces during any construction or renovation project. We deliver tailor made high quality products in as short as 6 working days, which is unmatched in the industry.

POWDER COATING

Grada International is equipped with an advanced powder coating system, which allows to offer premium quality, flexible choice in colours and colour systems. All this all within our quick throughput time of 6 days.

QRM



6 DAYS FROM ORDER ENTRY TO DISPATCH

Customer quote:

// I received the products from grada even before the offer from their competitor! //





ACOUSTICS & COMFORT LAB

Being a reliable air diffusion supplier means that all selection data is consistent and accurate. For this reason we have a well-equipped laboratory for acoustic and comfort measurements. Our specialists and technicians can rely on years of experience and are driven by continuous improvement.

R&D AND ENGINEERING ORGANISATION



RESEARCH & DEVELOPMENT

Our R&D department concentrates on the development of new products and improving existing ones. With modern, well-equipped facilities such as our laboratories, CAD and CFD tools the products can also be modified in line with specific project requirements where necessary. The test laboratories where the air flows and noise levels are measured work according to standard

ISO 3741 for the acoustic aspect and NBN-EN-13141 for the technical air measurements. The chilled beams have Eurovent certification and are tested according to standard EN 15116.



PRODUCT RANGE

INDOOR AIR

PLENUM BOXES

Grada plenum boxes are used for both supply and exhaust air and guarantee an even air flow prior to diffusion through the grilles and diffusers. Optionally plenum boxes can be supplied with insulation to improve acoustics and avoid condensation.

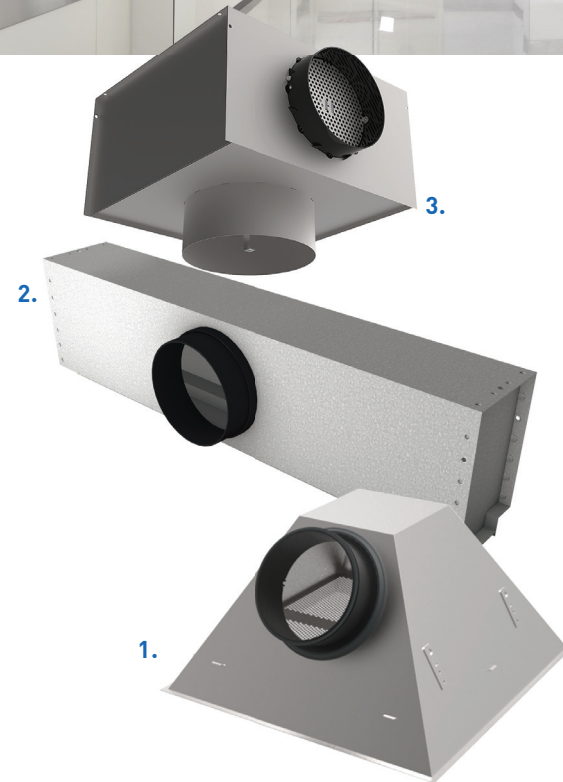
All of our plenums are equipped with airtight spigots with double lip seal. The entire spigot can simply be taken off to save on transport costs or to help you during installation. The new design will also allow a quick removal of the optional damper, e.g. for commissioning or cleaning purposes.

FEATURES

- Custom dimensions and specials are possible
- Airtight spigot with double lip seal equipped as standard
- Economical transport solutions are available

1I WP100P
2I LP300
3I WP210

Visit www.grada.com for more products and technical information.



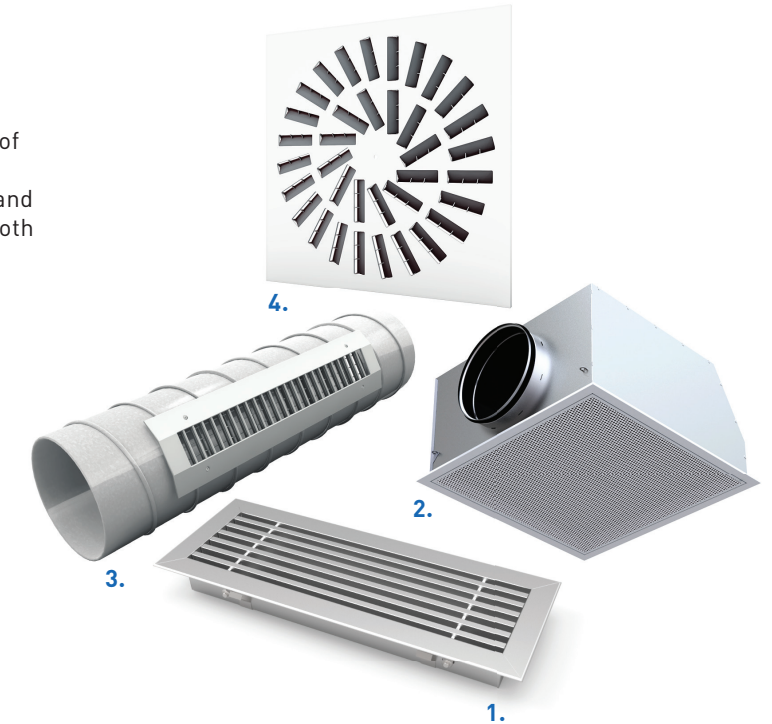
GRILLES AND DIFFUSERS

Grada International offers a broad range of grilles and diffusers such as wall grilles, floor grilles, duct grilles, swirl diffusers and jets. Most product lines are available in both galvanised steel and aluminium.

FEATURES

- Architectural solutions
- Ease of installation
- Country specific products available

1I AK700
2I MCAS
3I AS100
4I WT100



AIR VALVES

IMAGINAIR

The residential valve RLV is suitable for the supply and exhaust of cooled and heated air. It can be mounted in both wall and ceiling where aesthetics are important. Several geometries and colours of the aluminium front plate are possible. Quick and easy mounting by spring mechanism or mounting ring, to be fixed on both flexible and rigid ductwork. Provided with double lip seal (airtightness class D according to EN 15727). Easy adjustment of volume damper. Default finish RAL 9003, textured paint.

1I RLV A
2I RLV B



FEATURES

- Exceptional air technical performance
- Extremely low noise levels
- Clean architectural finish
- Ease of installation

OUTDOOR AIR

■ PENTHOUSES

The penthouse WBP is used for the supply and/or exhaust of ventilation air in airconditioning installations. The aluminium penthouse can be supplied in various dimensions to enable connecting different ventilation units to the louvre. A combined construction is also possible, one has the function of exhaust louvre and the other has the function of supply louvre. The horizontal blades are weatherproof. The penthouse construction makes it suitable for applications demanding high aesthetic standards. We also develop and build custom and oversized penthouses.

WBP



■ EXTERNAL LOUVRES

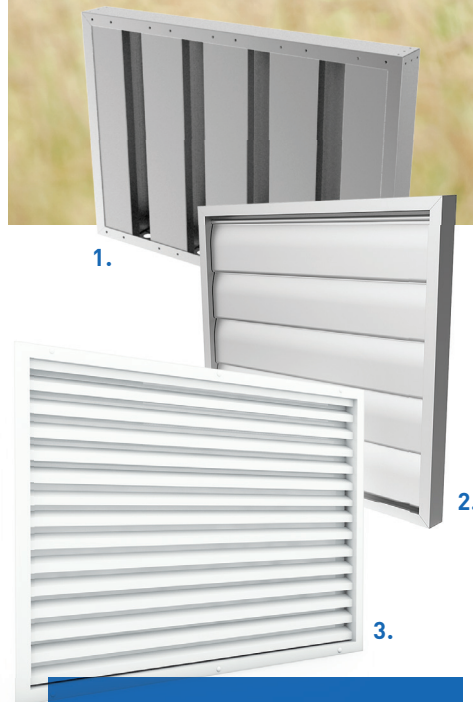
Grada offers a wide range of external louvres for multiple applications. Most types are both available in aluminium or galvanised steel both versions can be painted in any color.

1| WB900

2| VF045

3| W0331

Visit www.grada.com for more products and technical information.



FEATURES

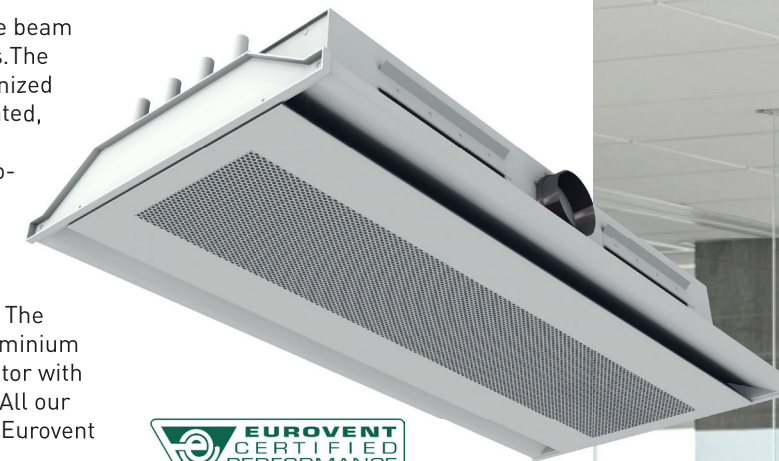
- Different material options and paint finishes are available
- Large variations in size are possible

AIR COMFORT SYSTEMS

■ CHILLED BEAMS

Simultaneously working with water and air means these systems ensure optimal comfort everywhere in the room, with chilled beams being the most important products.

K6 active closed climate beam for various ceiling types. The casing is made of galvanized sheet steel, powder coated, with a perforated front plate with circular perforations. Casing manufactured from galvanized sheet steel with connection diameter of 125 mm. The heat exchanger has aluminium fins and a copper collector with a Ø 15 mm connection. All our chilled beams have the Eurovent Certificate.



FEATURES

- Large induction rate and low air speeds
- Quiet operation
- Aesthetic product

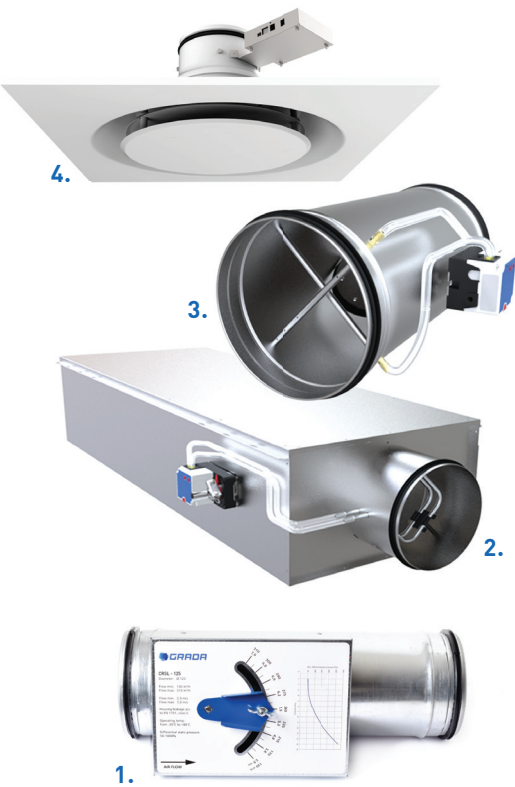
AIR CONTROL SYSTEMS

AIR FLOW CONTROLLERS

Galvanised VAV units with counter rotating blades, supplied with electronic actuators and aluminium differential pressure sensor. These VAV units can be applied for regulating constant or variable air volumes based on air quality and/or temperature. The aluminium blades are equipped with an air tight seal and maintenance free bearings. Housing meets Class C following EN 12237, blades meet Class 2 following EN 1751. Also available with insulation and external sound attenuators.

- 1| CRSL
- 2| BT
- 3| BR
- 4| VCD100

Visit www.grada.com for more products and technical information.



DAMPERS

Grada offers a wide range of galvanised steel, aluminium and powdercoated steel dampers. All dampers are designed to be maintenance free and are built to last. Damper housing can be offered from class A up to class D according to EN12237, damper blades can be offered from class I up to class IV according to EN1751.

- 1| KA100
- 2| GT007
- 3| GT006
- 4| DT003

SALES TOOLS

PRODUCT SELECTOR

For the ease of use of our clients, we developed the “product selection” tool on our website. With the search of a product code you find in no time the information about any product in our gamma. Visit: www.grada.com.

VAV SELECTION TOOL

We have developed this latest VAV selection tool in order to further aid our customers in dimensioning and selecting the right VAV solution for their project. This tool allows you to select the right product and dimension it to meet the project criteria. Visit: www.grada.com.

FACT SIMULATION TOOL

Grada International NV provides several supporting tools to support engineering companies, installers and architects with the right choice of air diffusers and grilles. In this respect, the FACT (Flow & Air Comfort Tool)

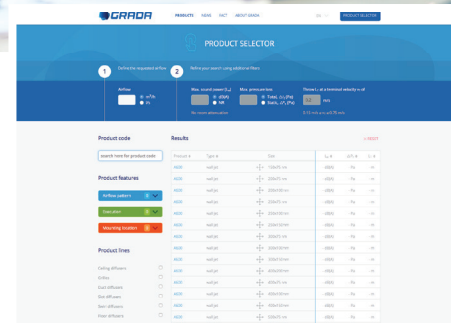
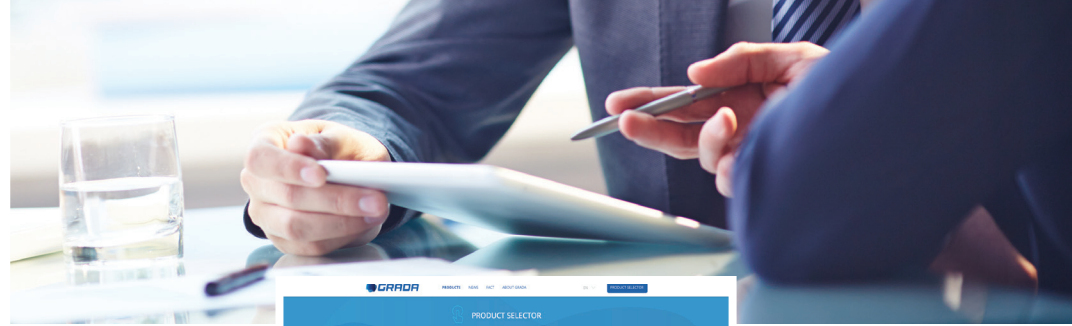
software allows the computation of air velocity profiles in a rectangular room in which single or multiple diffusers or grilles are mounted.

Main functionalities:

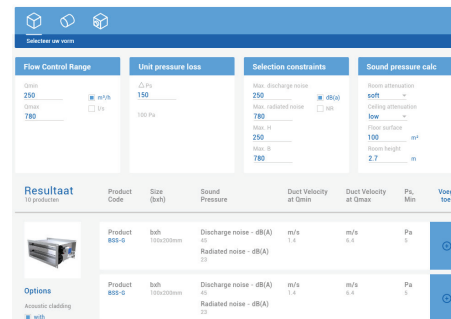
- diffuser and grille selection from the Grada product range
 - calculation of jet velocity profile, (static and total) pressure loss and sound level
 - extensive reporting capabilities with several export possibilities, optional addition of logos and extra information to the report is possible
- ergonomic and logic layout of the user interface, following the workflow, which increases the productivity Visit: www.grada.com/FACT.

BIM “READY”

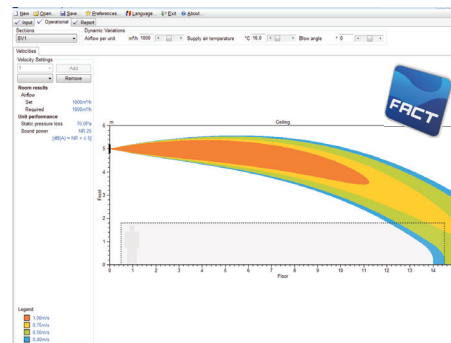
Our full product range is being prepared for use on Magicloud.



Product selector



VAV selection tool



FACT simulation tool

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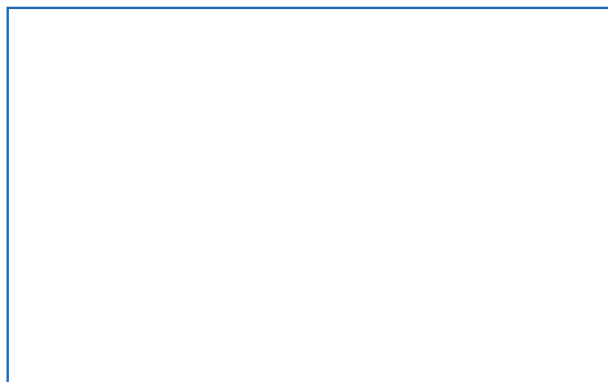
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