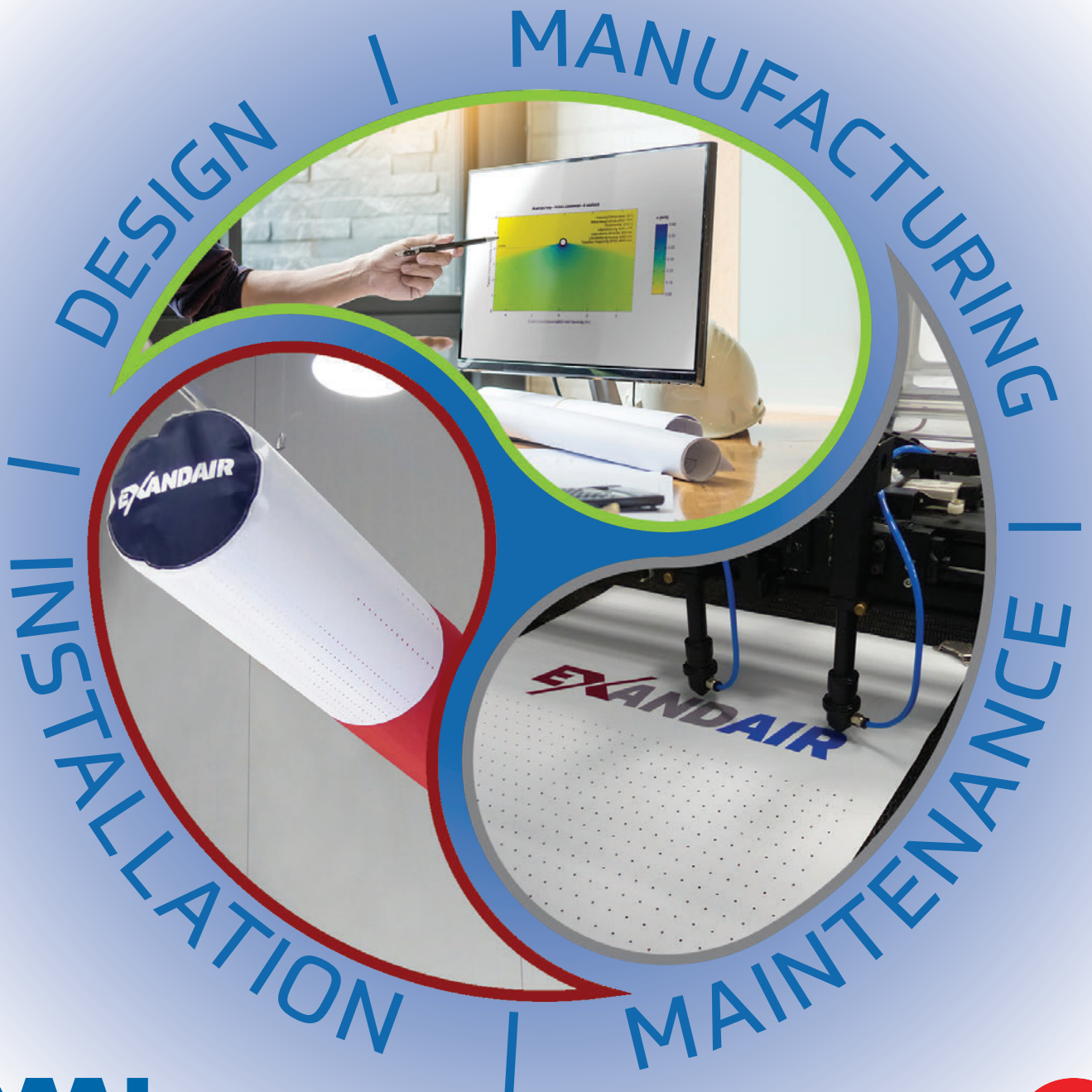


EXAIR

TEXTILE AIR DUCT



DAAL
GROUP



TEXTILE AIRDUCT SYSTEMS

EXANDAIR

TEXTILE AIR DUCT

The weather conditions affecting our life and the efforts to protect our environment urge us to live more cost-efficiently and use as little energy as possible. Considering such efforts, our customers also strive to order the design and construction of more efficient and health-oriented buildings. When it comes to the design of buildings, the air technology systems are of high priority. It is important to send the treated air with maximal efficiency to the area to be cooled or heated, maximising the feeling of comfort. Customers pay a lot of attention to the cost-efficiency of the investment and operation during the design process.

The brand EXANDAIR has been established to help professional and efficient air-conditioning, heating and ventilation by meeting the above-mentioned expectations and real demands with complex engineering support, exploiting multiple benefits of the textile airduct system.

THE PROPERLY SELECTED SYSTEM

When planning a truly efficient system, we have to distinguish between air technology systems used in the industry and those used by the general public. During the design process, it has to be considered in which field the air technology system is to be used, what kind of service we expect and what end result we wish to see.

WHAT DO YOU WIN BY MEANS OF US?

By purchasing EXANDAIR, you receive an innovative Hungarian product whose manufacturer has raised textile airducts to the highest level. EXANDAIR is a product that represents design, manufacturing, testing, maintenance and continuous communication between the customer and the manufacturer. EXANDAIR textile airducts operate more efficiently than conventional insulated metal airducts, can be cleaned easily and fast, tailored to individual needs, have aesthetic design and, last but not least, their cost is very favourable.

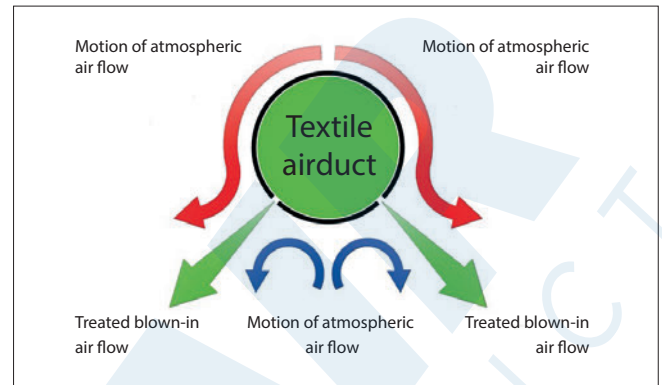
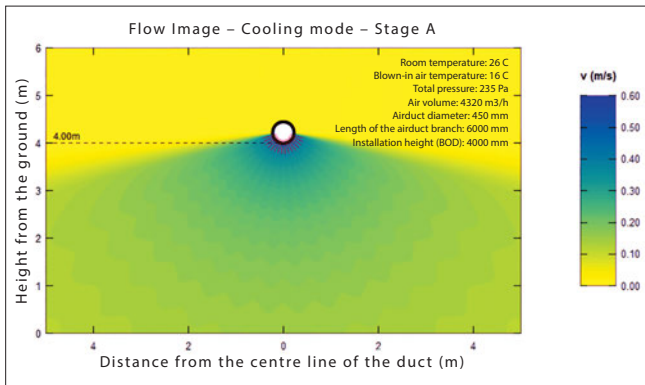
WHY THE EXANDAIR?

As the producer of EXANDAIR airducts, we have more than 10 years' experience in the field of manufacturing textile airducts used either by the industry, or the general public. Due to our design and manufacturing equipment background, we can provide comprehensive services to our customers. On the basis of an individual survey, our textile airducts are produced in various forms, colours and fire-resistance classes. The mode of suspension is constructed according to our customers' needs, aiming to find the optimal solution.

ADVANTAGES OF OUR SYSTEMS

The EXANDAIR textile airduct systems support the optimal selection of the right air technology system, considering our customers' demands and the labour safety requirements. To conduct accurate air technology calculations, we use the software developed in collaboration with the Budapest University of Technology. As a result, the product we manufacture fully meets our customers' needs.

OPERATIONAL PRINCIPLE



At the carefully designed holes the high-speed air flow ensures good mixing with the atmospheric air, and hereby guarantees high-level comfort feeling.

By means of a software developed for this task we determine the arrangement, dimensions, quantity of perforations, while ensuring the uttermost efficiency. The so designed system meets the SzCsM-EÜM Common Decree no. 3/2002 (II.8.) and this determines minimum level of the labour safety requirements in the workplaces. The software is suitable for display of the blow-in picture, of the throwing distance graphically, either in cooling or in heating mode.



M Ű E G Y E T E M 1 7 8 2

ADVANTAGES COMPARED TO THE CONVENTIONAL VENTILATION ENGINEERING

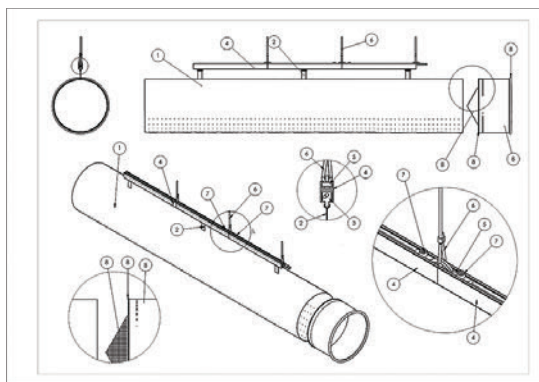
- ✓ Its mass is only a snippet
 - it loads hardly the building construction
 - lighter and faster installation
- ✓ Insulation is unnecessary
- ✓ There is no any special diffuser grid
- ✓ Simpler suspensions
- ✓ Washable
- ✓ Minimal adjustment
- ✓ Setting can not be changed
- ✓ Air distribution is very accurate
- ✓ Draught-free



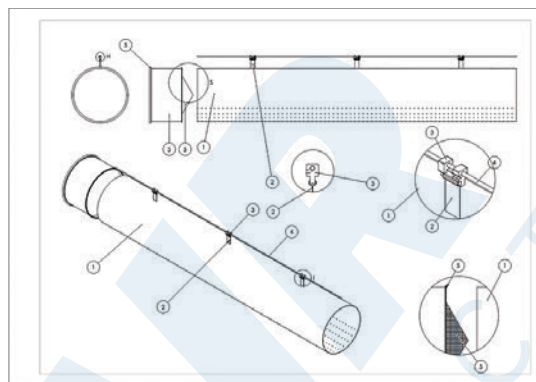
COST-EFFECTIVE!!

30-40% saving in costs, referred to the same system

FASTENING POSSIBILITIES

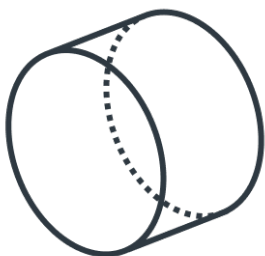


SUSPENSION WITH ALUMINIUM RAIL



SUSPENSION WITH CABLE

FORMS



CIRCULAR



SEMICIRCULAR



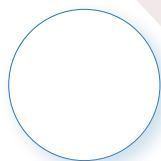
QUARTER-CIRCULAR

MATERIALS

TYPE	CLASSIFICATION	MATERIAL
STANDARD	STANDARD	PE/PU*
CLASS1	FIRE-RESISTANTs1,d0	PE/PU*
CLASS0	FIRE-RESISTANT EUROCLASS A1	GLASS FIBRE

*POLYESTER / POLYURETHANE

COLOURS



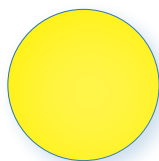
WHITE
RAL9010



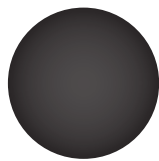
BLUE
RAL5010



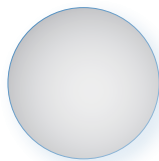
GREEN
RAL6005



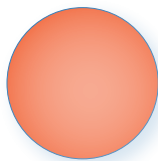
YELLOW
RAL1018



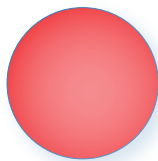
BLACK
RAL9005



GRAY
RAL7040



ORANGE*
RAL2012



RED
RAL3000

*Orange colour is not available now for the glass fibre version!

FIVE BANAL MISTAKES WHICH ARE GENERALLY MADE

- ➔ Many persons regard it as a simple holed sack and they forget / do not know that it should be adjusted individually to the dimensions of the room to be installed.
- ➔ For correct application a proper material consumption is needed.
- ➔ Exact determination of the perforations (size, quantity and arrangement).
- ➔ Disregarding labour safety requirements of the workplaces.
- ➔ They let them talk out of the installation in spite of many advantages which are more favourable either in costs or in comfort feeling.

REFERENCE PICTURES

POPULATION use



INDUSTRIAL use



EXANDAIR

TEXTILE AIR DUCT

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