



TEXTILE AIRDUCT SYSTEMS
INFORMATION FOR CONTRACTORS



Because of more and more extreme weather in our era and for continuous cost optimizations of the investments most customers pay attention that how they can attain good air-conditioning at the best value for money. Everyone's essential aim is to send the treated air, with maximal efficiency, to the area to be cooled or heated, and everyone wants to reduce costs at both investment and at complex operation.

WHAT DO YOU WIN BY MEANS OF US?

Our EXANDAIR textile airducts are cheaper, more efficient, more comfortable, more easily cleanable and moreover they enable more aesthetic air-conditioning, compared to the conventional galvanized, insulated airducts.

WHY THE EXANDAIR?

As a result of more than 10 years' industrial experience we do know that what difference is noticeable between an industrial site and an environment of population use.

We have good solution for both cases!

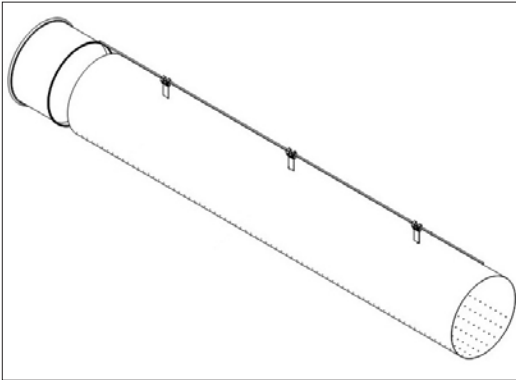
On the basis of an individual survey our textile airducts are produced in various forms, colours and in several fire-resistance classes. We construct mode of suspension according to the customer's requirements while we aim to attain the best optimal solution.

ADVANTAGES OF OUR SYSTEMS

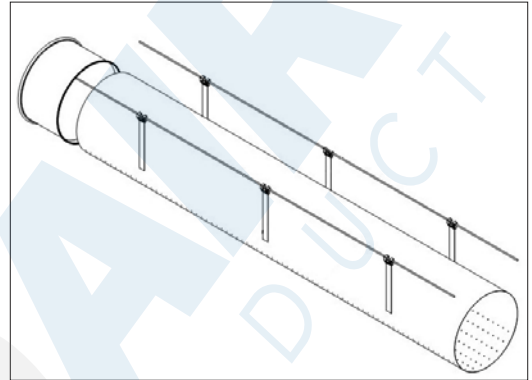
The EXANDAIR textile airducts constitute an alternative which can be carried out easily as their installation is simpler and faster than in case of conventional systems. It is another advantage that they do not overload the roofing so no any special reinforcement is required as in case of the ventilation engineering metal elements. As a result of material characteristics the textile airducts are lighter by several orders of magnitude than the similar spiral folded ventilation systems.

As regards the consoles of textile airducts, between rail and cable systems should be distinguished. Selection of the proper console depends on both the diameter and the length of the textile airduct. There is a length which can be executed with cable suspension no more, and we know places where just the cable option is more aesthetic. Over a certain diameter already a double suspension should be calculated, that is, the textile airduct system is suspended not in the middle but on both sides to the end. The shape of the airduct system to be selected is also important as the quarter-circle ducts are sold only with rails which can be connected to ceiling or to wall. By means of this solution the system can be fixed to the rasters of suspended ceiling in simplest manner and after minimal modification. The latter means a great advantage for the air-conditioning of offices, either half-circle or quarter-circle ducts are considered.

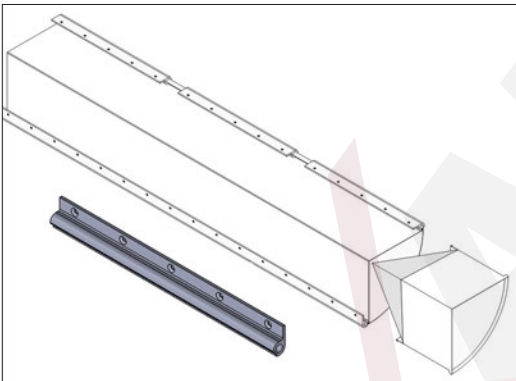
FASTENING POSSIBILITIES



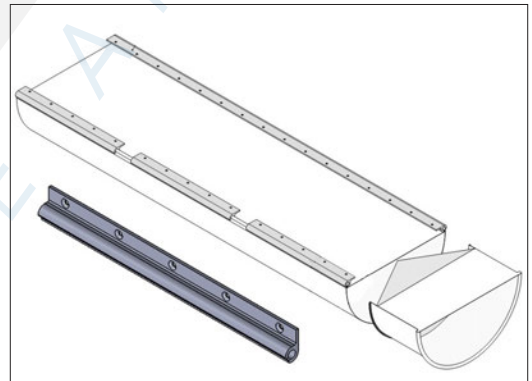
SUSPENSION WITH SIMPLE CABLE



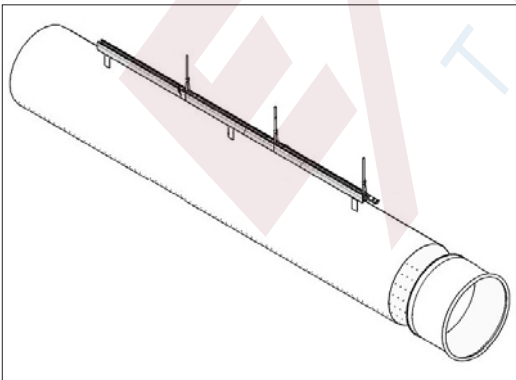
SUSPENSION WITH DOUBLE CABLE



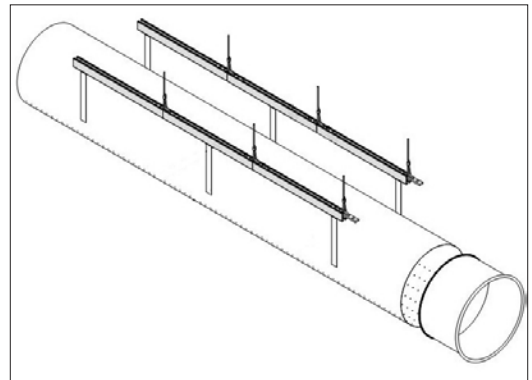
SUSPENSION OF A QUARTER-CIRCULAR SYTEM



SUSPENSION OF A SEMICIRCULAR SYTEM



SUSPENSION WITH SIMPLE RAIL



SUSPENSION WITH DOUBLE RAIL

ADVANTAGES OVER THE CONVENTIONAL VENTILATION ENGINEERING

Its mass is only a snippet

- It loads the roofing only a little so any additional reinforcement is not required.
- The transportation is lighter and faster as its elements require only a smaller van.
- Our textile airducts are packaged in 80cm×60cm×50cm boxes while the suspension of rail systems is maximized in 300cm fibres.

Simpler suspensions

- The installation is easier as the constructions consist of fewer elements, or they can be connected also to a raster of the suspended ceiling if necessary.
- Our systems are delivered with installation and maintenance manual in order that you would install at minimal energy input.

Insulation is unnecessary

- Owing to the special construction the textile airducts enable a condensation-free working, so you would not perform any additional insulation as should be done in conventional systems.

Minimal adjustment which may not be changed

- Owing to the careful design our textile airducts require only minimal adjustment and later the original setting may not be changed by unauthorized person.

Simpler maintenance

- As a result of excellent material characteristics our textiles can be washed in an industrial washing machine, as well as they can be easily dried and after these processes the material is reusable. The maintenance should be performed once a year!

Packaging 24 pcs of circular textile airducts with average 21 m length and with 450 mm diameter, including the relating rail suspension of 520 m in length.



EXANDAIR

TEXTILE AIR DUCT



OUR REFERENCE EXECUTIONS OF TEXTILE AIRDUCT



EXANDAIR

TEXTILE AIR DUCT

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