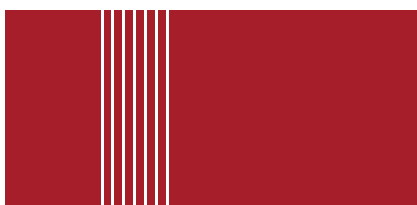


PRACTICE REPORT 60

Application examples for planners of complex construction projects



**1 x "Pizza grande": individually made,
large in size and delivered promptly!**



**Application area for VENTAFLEX®:
Extension of an air duct system
for the food industry**

To the point: 4 large truckloads of VENTAFLEX® material

In the production of frozen pizza, 100.000 m³/h volume flow of supply and exhaust air is to be transported. The system is installed during ongoing operations

Task

Frozen pizza cooked in the oven at home that tastes just like the original "from the Italian": a start-up from southern Germany is off to a meteoric start with the successful implementation of this concept. In order to meet the rapidly increasing demand, things had to move quickly ... the production is technically adapted to the growing demands, very large quantities of air have to be transported in order to keep the premises clean.

The company was looking for an air duct system that was compatible with existing ducts and the air handling unit, had hygienic surfaces and was quickly available. They found it: VENTAFLEX®. In close cooperation with the planner and client, many large-format special components were created, and thanks to custom-made T-pieces, curves, transitions and reductions, oval air ducts from the VENTAFLEX® standard range could be fitted perfectly into the existing frame.

VENTAFLEX® solution

VENTAFLEX® oval air duct in large cross-sections, as well as other standard T-pieces and curves
Various custom-made products:

- Individual components for the connection to air handling unit
- T-pieces from the oval range, modified with rectangular outlets for connection to large sheet metal ducts
- Precisely fitting reductions for the transitions from large to small system



*Large dimensions, special components:
This VENTAFLEX® order fills 4 x 15 loading meters
of our forwarding agency*



Advantages due to the VENTAFLEX® system

- + Individual adaption to conditions thanks to special components
- + Transportation of particularly large air volumes – thanks to large cross-sections
- + Combinability with other duct systems through individual adaptation
- + Savings in operating costs – up to 40 % less energy loss, up to 10 % less pressure loss and up to 99 % less leakage loss
- + Certified hygiene conformity of the ducts in accordance with VDI 6022

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VENTAFLEX®

More efficiency in air conduction