

Case: Jorgensen Engineering, Odense - Denmark

Textile ducts that match the corporate culture



KE Fibertec joined the project at an early stage

Jorgensen Engineering in Odense, DK, develops, produces, and markets equipment and complete packaging handling systems for the food, pet food and health care industries.

In 2011 their new domicile was completed - in every aspect a thought-through and uncompromisingly designed building. Spaciousness and good staff facilities were key words - a philosophy that runs through the company.

KE Fibertec joined the building project early in the process and that gave us - in cooperation with the ventilation contractor - the opportunity to prepare a thorough and correct layout ensuring a perfect air distribution.

Project Manager Jesper Larsen of GK Ventilation is very pleased with the cooperation with KE Fibertec that goes back many years.

He says:

"Originally, the air distribution was intended to be designed with conventional steel ducts and nozzles, however, we convinced the customer that textile ducts were the better solution".

FACTS:

Customer: Jorgensen Engineering, Odense
 Contractor: Hans Jørgensen & Søn, Odense
 Architects: C&W arkitekter, Svendborg/Årstiderne, Kbh.
 Ventilation contractor: GK Ventilation, Odense



7500 m² new domicile completed in June 2011

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KE Fibertec has been involved in the project during the entire building process, and we have also been able to offer technical support during installation of the ducts.

The textile duct solution provides uniform air distribution and is very flexible.

Since textile ducts only weigh about 10% of the weight of steel ducts, they have been relatively easy to install. The low weight also means considerably lower installation costs compared with traditional steel ducts.



Round KE DireJet textile ducts



TECHNICAL DATA:

Year of construction:	2011
Air volume:	approx. 60.000 m ³ /h
Temperature:	$\Delta T +10 / -2 \text{ C}^\circ$ (heating)
KE Fibertec system:	KE DireJet
Running metre duct:	
- Plenum:	App. 125 metres
- DireJet:	415 metres



KE Fibertec AS is market leader in Textile Based Ventilation. We create good indoor climate through our tailored textile ducts for installation in sports arenas, offices, laboratories, schools etc.

Textile ducts are customizable, easy to install, washable, hygienic, and come in all shapes and colours.

For more information please visit our website www.ke-fibertec.com or contact us on tel. +45 75 36 42 00 or by e-mail to ke-fibertec@ke-fibertec.dk.