

Case: Friskis & Svettis, Sweden

Draft-free ventilation in fitness centres

Fresh air means healthy indoor climate

Warm and smelly fitness centres can make it difficult to perform to your max. The Swedish chain of fitness centres, Friskis & Svettis, has addressed this problem with their brand-new centre that opened in the summer of 2013.

By installing a textile based ventilation system they have obtained a solution that provides uniform air distribution and continuous air exchange.

This results in healthy indoor climate and excellent training conditions for the users of the centre.

FACTS:

Contractor:	Friskis & Svettis, Katrineholm, Sweden
Consulting engineers:	VVS Konsult Birgitta Schmidt AB
Installation contractors:	Vesam AB
Materials:	Kyl & Ventilation Svante Lundbäck AB / KE Fibertec AS



Nozzles or laser-cut holes for efficient ventilation

KE-DireJet Systems with nozzles were installed in two fitness studios that are usually occupied by many people and have high ventilation demands. All other studios were fitted with KE-Inject Hybrid ducts with small laser-cut holes.

Vesam, experts in energy efficient indoor climate solutions were in charge of the installation. Jörgen Persson says,

"We are very pleased with this solution. Textile ducts are much easier and quicker to install than traditional steel ducts."

Our clients, Friskis & Svettis, have also expressed their satisfaction and particularly emphasize the nice appearance and operability of the textile ducts."

TECHNICAL DATA:

Year of construction:	2013
System:	KE-Inject Hybrid KE-DireJet
Colour:	Light grey (RAL no. 9002)
Material:	Trevira CS HDC
Suspension:	D-Lite Alu (KE-Inject Hybrid) Safetrack (KE-DireJet)



Small orifice holes in the textile duct provide even air distribution and prevent drafts for the users of the fitness centre.



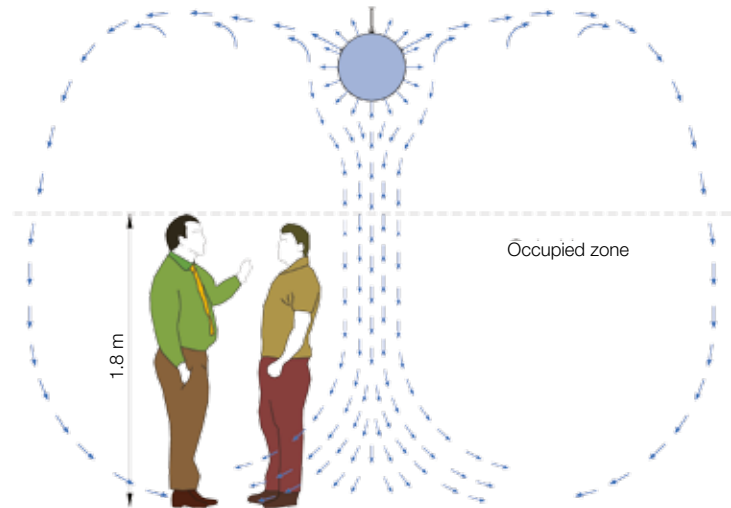
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Hybrid ventilation

Originally, low impulse systems are passive, however, by laser-cutting holes or installing nozzles in the duct, it will be converted into an active mixing system.

The air is delivered at high velocity outside the occupied zone. Subsequently, it will mix with the room air.





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

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