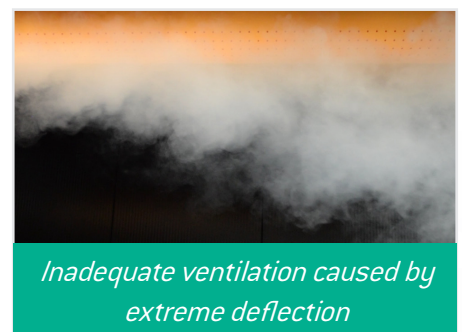
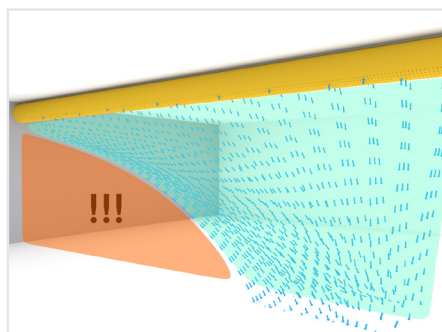
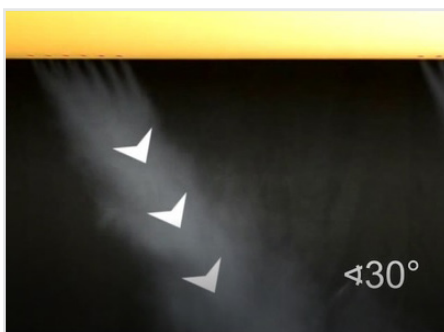


# Technical solutions - Textile Air Control Pockets

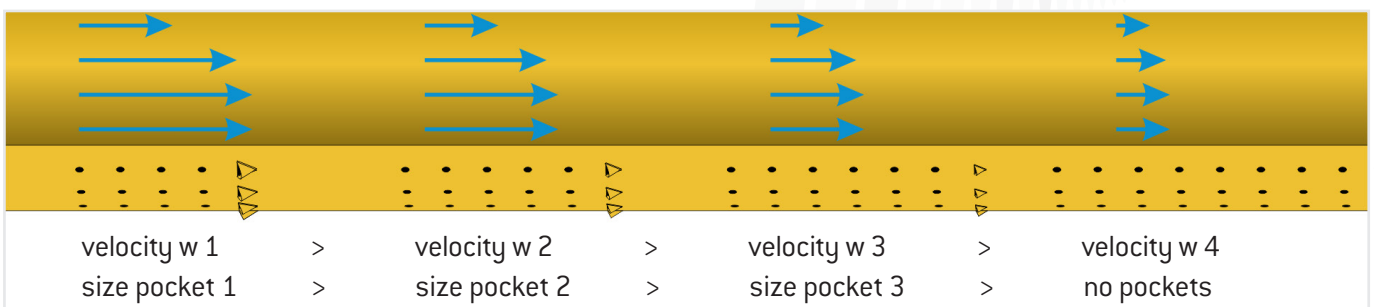
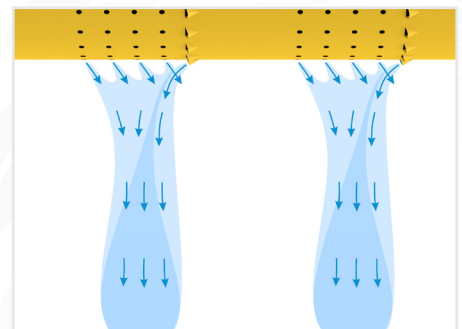
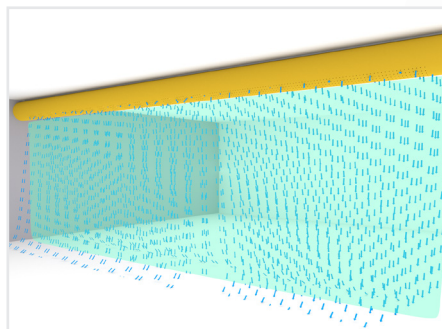
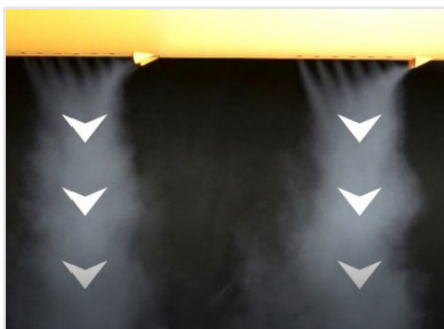
## PROBLEM: Deflection of air distributed through perforations

Due to high airflow velocities in the diffuser, there may be increased airflow deflection resulting in uneven space ventilation.



## SOLUTION: Textile Air Control Pockets

This problem is solved by strategically locating and sizing Textile Air Control Pockets along rows of perforations to provide airflow in an opposing direction to the angle of deflection from the perforations to ensure perpendicular airflow and proper space ventilation



As velocity decreases along the length of diffuser, pocket sizes also decrease to provide optimum counter-flow to correct deflection.

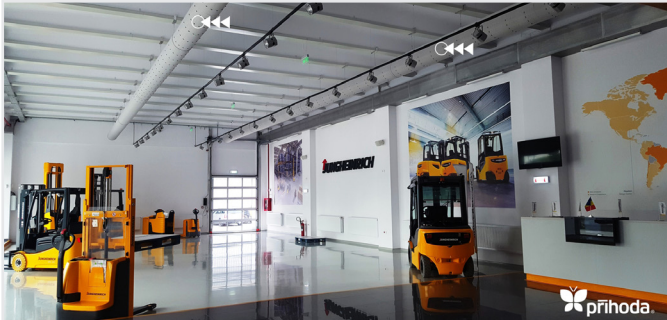
Textile Air Control Pockets performance video:



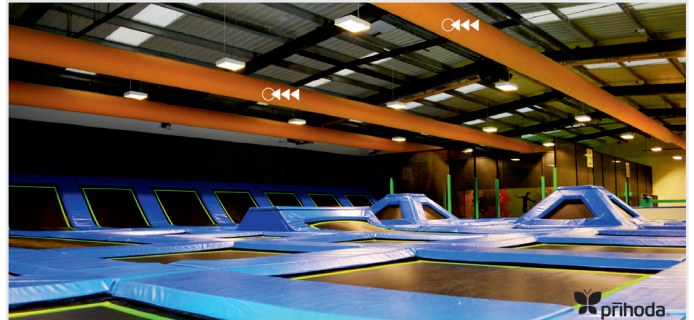


## APPLICATION EXAMPLES

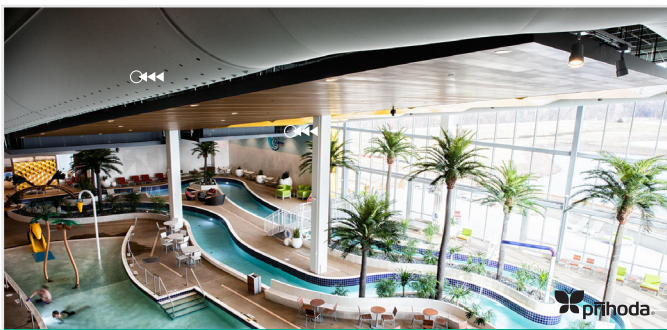
### Fabric diffusers with perforations



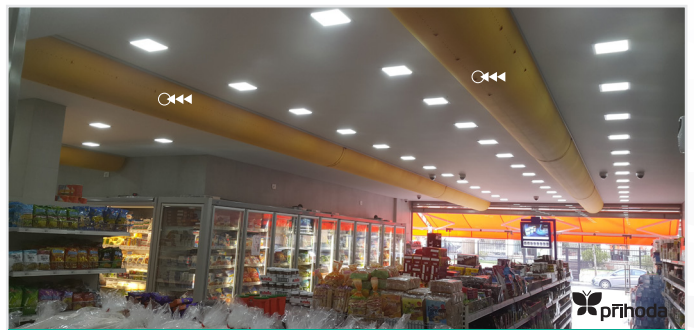
Showroom, Ploiesti, Romania



Trampoline Centre, Tonbridge, UK



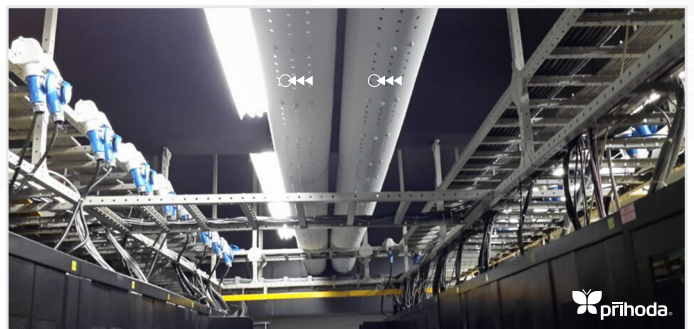
Treasure Island Resort, Minnesota, USA



Supermarket, Beirut, Lebanon



Fitness centre, Beirut, Lebanon



Server room, Leshan City, China

