



Hosokawa Micron Ltd's Downflow Booths Provide Food for Thought for Food Processors and Packers

With a high incidence of workplace risk from respiratory sensitising dusts from grains, flour, egg protein, fish protein and ingredient additives, leader in containment technology, Hosokawa Micron Ltd has responded to food industry demands for improved and safe levels of personnel and product protection and by developing a range of modular Downflow Booths.

Capable of delivering Operator Exposure Levels of $<1\mu\text{g}/\text{m}^3$ the booths also provide product protection from surrounding area contamination by creating a 'clean processing zone' minimizing cross contamination risk from other products or processes.

The Hosokawa Downflow Booths have been designed to meet key demands for energy efficiency, low running cost and low operating noise. Their cost effective yet flexible modular design makes them suitable for a range of applications when it is necessary to undertake processing steps outside of a closed food processing machine, such as sampling, filling or packing operations. The low running costs of the booths can be attributed in part to the incorporation of highly effective and energy efficient motors and fans.

Hosokawa Micron's modular Downflow Booths are designed to deliver a quick and cost effective route to contained processing and operator protection – without the need for restrictive PPE equipment.

The Hosokawa Downflow Booths deliver a uni-directional flow of air forced downward through ceiling mounted distribution screens in a vertical, laminar flow. This suppresses the elevation of dust, taking the dust away from the operator's breathing zone and into the booth's low level perforated extraction grilles.

Thanks to the high density attenuating insulation and the quiet running of the motors and fans the modular booths are designed for quiet running of almost 60dba, which is less than a normal conversation. This makes them ideal for applications within 'quiet zones' or within multi-processing areas where acoustic interference would be a problem and when 'silent running' is more preferable.



For further information please contact:

Hosokawa Micron Ltd, Rivington Road, Whitehouse Industrial Estate, Runcorn, Cheshire, WA7 3DS.

Tel: +44 (0) 1928 755100 Fax: +44 (0) 1928 714325

Email: info@hmluk.hosokawa.com www.hosokawa.co.uk