

## **EDF5.0 Dry Filter Spray Booth**

*All Airflow Spraybooths are designed to both meet the latest European regulations and comply with HSG 178 - 'The Spraying of Flammable Liquids' and they carry the benefit of the CE mark if destined for supply within the EC.*

The fan used on all *Airflow* Spraybooths is our unique design and manufactured in house by Airflow. The bearings used are specifically developed for use in aggressive environments where solvents and other dissolved contaminants within the exhaust air stream can quickly shorten the life of a conventional fan. Only the highest quality components are used including the motors, belts and all moving parts.

External Dimensions	- 2.05m high x 5.0m wide x 2.05m deep (*Excluding a 0.55m high fan, e.g. top and rear fan mounting options available)
Internal Working Area	- 2.0m high x 4.9m wide x 1.1m deep (extendable by standard 1.0M modules)
Ventilation	- 2 x <i>Airflow</i> 2.2kW non-flameproof belt-driven axial flow fan (single, three phase and ATEX options are available at extra cost) - 2 x 630mm diameter flue to atmosphere
Filter Media	- Options: Standard concertina type High-efficiency concertina type (additional cost) Open-weave matting (requiring frame conversion at additional cost)
Noise Levels	- Booth face: unattenuated - 87dB(A)* attenuated - 73dB(A)* - Free field: unattenuated - 75dB(A)* @ 3 X duct dia (approx)

\* Noise levels are provided for guidance purposes only, as they are likely to be affected by other factors, e.g. additional sources of noise within the surrounding area, type of filter medium, installation format, etc.

### Construction:

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| Panels | - Manufactured from prime galvanised-steel, CNC punched and CNC formed, uniquely designed for simple assembly, providing greater rigidity, fewer fixings and a superior aesthetic finish. |
| Fan    | - Heavy-duty mild-steel fabricated one piece body complete with spun flanges. Reinforced impellor with 25mm bearings, turned shaft and heavy box section support arm.                     |

We recommend the application of Peelable Coating to the inner face of the Booth canopy to simplify maintenance, reduce fire risk and, prolong the life of the Booth.

Consideration should be given for replacement air which, in volume, should equal that being ventilated whilst Fans are in operation. And, we shall be pleased to advise standard *Airflow* options for your installation.