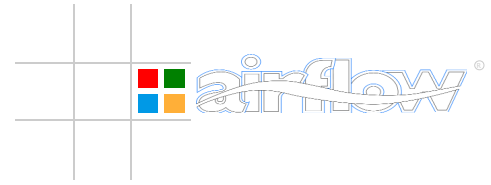


DF5.5 Specification



DF5.5 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 'cartridge' style design, 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.

| | |
|-----------------------|--|
| External Dimensions | - 2.25m high* x 5.5m wide x 2.25m deep* (*Excluding 0.55m long fan, e.g. top and rear fan mounting options available) |
| Internal Working Area | - 2.2m high x 5.4m wide x 1.2m deep (extendable by standard modules) |
| Ventilation | - 2 x <i>Airflow</i> 2.2kW non-flameproof belt-driven axial flow fan (single, three phase and flameproof options available) - 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 - 76dB(A) @ 3 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.

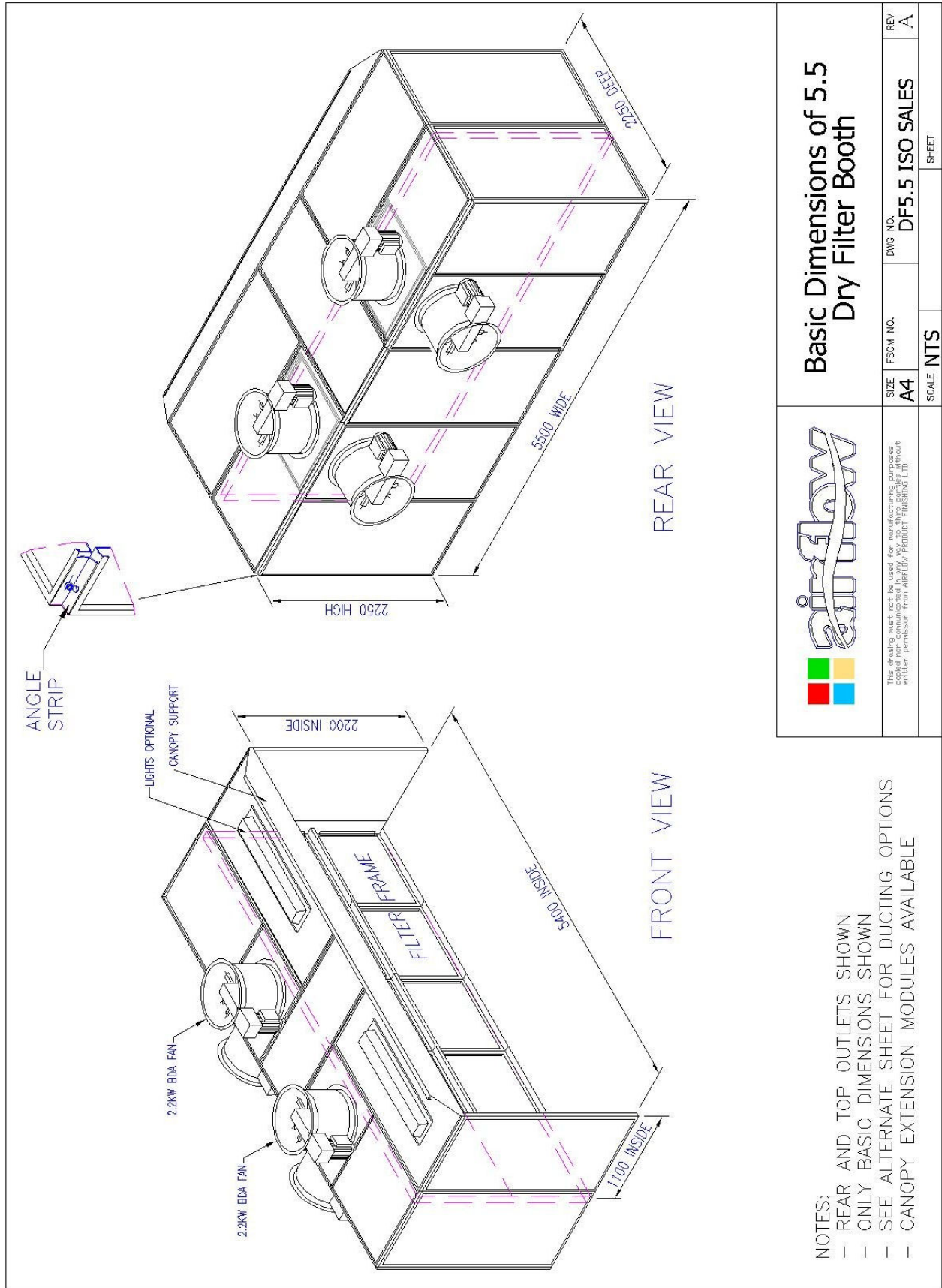
Construction:

Booth - 1.2mm prime galvanised-steel CNC punched and formed panels, uniquely styled for simple assembly, providing greater rigidity and aesthetic finish.

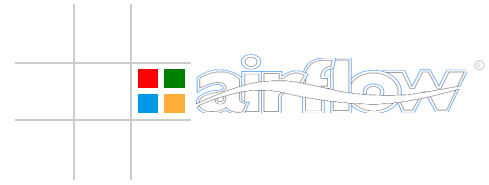
Fan - Heavy-duty mild-steel fabricated body complete with RSA flanges.

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.



DF5.5 Specification



A Through-Roof Kit.
(Internal top-outlet fan)

B Through-Wall Kit.
(Internal top-outlet fan)

C Through-Wall Kit.
(High-level external fan)

D Through-Wall Kit.
(Internal rear-outlet fan)

E Through-Wall Kit.
(External rear-outlet fan)

F Through-Wall Kit.
(Internal rear-outlet fan)

G Through-Wall Kit.
(External rear-outlet fan)

| Description | Part No | A | B | C | D | E | F | G |
|--|----------|----------|----------|----------|----------|----------|---|------|
| Fan Flange | FLG | ✓ | | | | ✓(2) | ✓ | ✓(3) |
| 3m Straight Duct | 3MDS | ✓ | ✓ | | | ✓ | | |
| Adjustable RoofPlate c/w WeatherSkirt. | ARPT | ✓ | | | | | | |
| Straight Connector | CON | | | | | | | |
| Efflux Cowl | EFC | ✓ | ✓ | | ✓ | ✓ | | |
| Duct Inspection Kit | DIS | | ✓ | | ✓ | ✓ | | |
| Bend Flange | BFLG | | ✓ | ✓(2) | ✓ | ✓ | | |
| 90° Bend | B90 | | ✓(2) | ✓(2) | ✓ | ✓ | | |
| Short Duct | HDD | | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Wall Plate | WP | | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Wall Bracket | BKT | | ✓ | ✓ | ✓ | ✓ | | |
| Heavy-duty Wall Bracket | HDFSB | | ✓ | | ✓ | | | |
| Fan Support Legs | FSL/1700 | | | | | ✓ | | ✓ |
| Fan Support Legs | FSL/2500 | | | | | | ✓ | ✓ |
| Weather Taper c/w Bird Grill | WTBG | | | | | | | |
| Guy Rope Set | GRST | Optional | Optional | Optional | Optional | Optional | | |

Kit Reference:

REVISIONS

| REV | DESCRIPTION | DATE | BY |
|-----|------------------------|----------|----|
| A | ISSUED FOR MANUFACTURE | 23.10.12 | IB |
| B | REVISED & RE-ISSUED | 23.10.12 | IB |
| C | REVISED & RE-ISSUED | 23.10.12 | IB |

STANDARD DRAWING ARRANGEMENTS

| Drawn By | Scale | HTS | NO. OF SHEETS | DATE | REV | APP |
|----------|-------|-----|---------------|----------|-----|-----|
| IB | A000 | | 1 | 23.10.12 | 1 | IB |

Check'd By _____ **Date** _____

Title STANDARDFAN DUCT ARRANGEMENTS

Project No _____ **Rev** _____

Drawn By IB **Scale** HTS **No. of Sheets** 1 **Date** 23.10.12 **Rev** 1 **App** IB

Check'd By _____ **Date** _____

Drawn By IB **Scale** HTS **No. of Sheets** 1 **Date** 23.10.12 **Rev** 1 **App** IB

Check'd By _____ **Date** _____

Note: Local Authority Permission may be required to ventilate horizontal discharges depending on options.

