2010 IONISED AIR BLOWER

The 2010 Ionised Air Blower is a long distance static eliminator with a robust aluminium construction and powerful ionisation performance.

2010 Blowers produce a high volume of ionised air to neutralise static charges in a wide variety of industrial applications.



PERFORMANCE

- Fast, long range static neutralisation provided by two 1250-S Static Eliminators integrated into the design.
- Variable airflow up to 5600 lit/min per 250 mm transports the ions to where they are needed.

ESSENTIAL QUALITIES

- Robust modular design allows construction in lengths up to 2000 mm, in 250 mm steps.
- The ionised air leaving the blower expands at about 15° for effective wide area coverage longer than the actual length of the blower.
- Long-life emitters.

CONNECTIVITY AND CONTROL

- One 120 V or 230 V, 50/60 Hz connection powers all functions.
- Variable fan speed control to suit application.

APPLICATIONS

- Position 200 mm to 1500 mm from material.
- The 2010 Blower is an important member of the Fraser range of long range static eliminators. It is particularly suited to applications where there is considerable ambient air movement, which could reduce the effectiveness on non-air-assisted long range static eliminator bars.
- Simple to install and maintain. Swivel L brackets allow versatile mounting. Static eliminators are removable from the front for ease of servicing.

SPECIFICATION

Construction: Blower: aluminium frame.
Cable: IEC connector and 2 m mains cable.
Safety: 100 Mohm resistance for shockless operation. Current limited to 5 mA.
Power Unit: Integrated Power Unit.
Fans: One axial fan per 250 mm. Rated at 50,000 hours. Flow rate: 5600 lit/min per fan/250 mm.
Electrical Input: 120 V or 230 V (nominal), 50/60 Hz. Please specify. Consumption: 305 mm - 80 W, 500 mm - 120 W, then + 40 W for each additional 250 mm.
Environmental: 60 °C maximum temperature, 70 % rH non-condensing max.
Options: Filters.

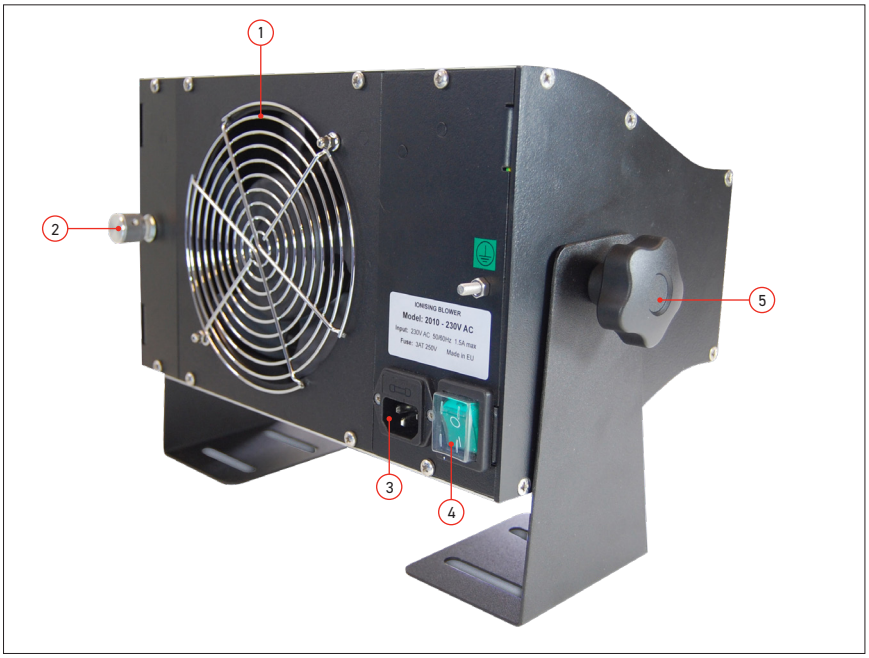
FRASER Anti-Static Techniques

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ILLUSTRATION

1. Air Inlet or Optional Filter
2. Air Speed Controller
3. IEC Inlet
4. On/Off Switch
5. Adjustable Stand



DIMENSIONS AND CONSTRUCTION

Available lengths: minimum order length 305 mm, then 500 mm and steps of 250 mm up to 2000 mm.

