

## PRODUCT DATA

### MODEL 225 Ionising Blower



| Feature  | Benefit   |
|--|---|
| Ion balance +/- 5V (+/- 1V when used in conjunction with the remote ioniser controller option) | Provides the highest level of ESD security for sensitive applications.  |
| Dirty pin indicator (LED) and switchable audible alarm   | Detection of a fault triggers a visual and an audible alarm to indicate that maintenance (e.g. emitter pin cleaning) is required. |
| Separate positive and negative out of balance indicators with switchable audible alarm         | Provides a clear indication of blower status (balance condition).   |
| Auto shutdown  | System automatically shuts down when an out of balance or dirty pin condition is encountered to prevent any continuing damage.    |
| Auto tracking alarm  | Ensures that alarms are set at the correct levels for the actual operating environment.   |
| Removable titanium emitter pins  | Easy maintenance and minimum downtime (unit can be maintained without demounting).  |
| Fan speed control (3 speed settings)   | Enables optimum set up for operator comfort and ionisation range.   |
| Excellent air flow characteristics   | Near laminar flow reduces turbulence and operator discomfort.   |
| RJ11 for remote ion balance control sensor (auto selecting)                                    | Very fine balance in critical applications and nullifies the effects of varying ambient conditions.                               |
| 8-way DIN socket for connection of remote LED display box and other output options             | Allows remote indication of blower status and remote monitoring of ESD critical events.   |

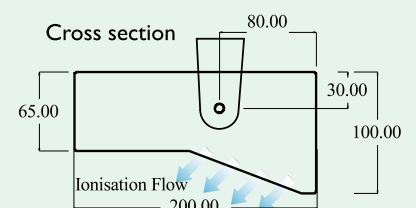
### Technical Characteristics

|  |  |                                 |                                 |
|--|--|---------------------------------|---------------------------------|
| Housing                                | Powder coated steel                            |                                 |                                 |
| Dimensions                             | Refer to drawing                               |                                 |                                 |
| Input voltage                          | 65-295V (through internal switchmode)          |                                 |                                 |
| Input connector                        | IEC socket                                     |                                 |                                 |
| Decay time (1,000V to 100V typical)    | Less than 4 secs at 457mm at maximum fan speed |                                 |                                 |
| Ozone                                  | Less than 0.01ppm                              |                                 |                                 |
| Length                                 | 600mm  | 1000mm                          | 1200mm                          |
| Weight                                 | 4.6kg  | 7.5kg                           | 8.8kg                           |
| Power consumption                      | 17W nominal                                    | 35W nominal                     | 43W nominal                     |
| Air volume (max)                       | 3.6m <sup>3</sup> /min (130cfm)                | 6.9m <sup>3</sup> /min (241cfm) | 9.0m <sup>3</sup> /min (322cfm) |
| Coverage (footprint)                   | 800 x 600mm                                    | 1200 x 600mm                    | 1400 x 600mm                    |
| Noise level (typical at med fan speed) | 57dBA at 1 metre                               | 61dBA at 1 metre                | 62dBA at 1 metre                |

### Description

The Model 225 Ionising Blower provides a high level of ESD protection with excellent workstation coverage, "quiet" operation and ease of maintenance.

Standard lengths of 600mm, 1000mm and 1200mm are available to suit the specific application. The 225 is the top-of-the-range Model and is provided with an extensive range of features and options.



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