Product Data Sheet

Published Date: 11.05.2021

Hyperion 936 Ionising Blower

Product Code: A936

The Hyperion 936IPS Blower replaces the 935 Blower and is the latest addition to the Hyperion family, providing effective long-range ionisation over a large area. Its versatility makes it suitable for a wide range of industries, such as where there is a requirement for ionisation of three-dimensional objects on a conveyor or for a collection bin.

The 936 Blower is comprised of an ionising head and an integrated fan system. A high volume flow of ionised air is generated by blowing air through the ionisation head at the mouth of the unit. Ionisation is provided by the 924IPS bar, generating an operating range of up to 1200mm.

As a part of the Hyperion range, the 936IPS uses the same 4 pin M8 connector as the other Hyperion products including the 924IPS, 960IPS and 971IPS. OEM customers can power the blower directly from their own 24V supply. End-users may prefer to buy a 24V switch mode power supply from Meech.

The 936 Blower features all the adjustability and monitoring that you would expect from a Hyperion product. Fully BarMaster compatible, the output can be adjusted to suit particularly difficult applications. The 924IPS which is integrated into the 936IPS, is the first Hyperion bar to have an adjustable output voltage. This feature is useful in very sensitive applications such as cleanroom environments and gives complete control over the output.

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Features & Benefits

Ionisation provided by 924IPS bar	Powerful ionisation with very fast decay times
High-volume airflow	Provides highly effective long-range ionisation for three dimensional objects
Large footprint	Effective over a large target area
Available in a range of lengths	Allows the flexibility to optimise the performance for individual applications
Removable polypropylene grill	Allows easy access for regular maintenance of the 924IPS ionising bar
Low voltage wiring	A 24V DC supply removes the need for high-voltage wiring
Adjustable output (requires optional BarMaster)	Output voltage, frequency and balance can be adjusted using the BarMaster programmer
Adjustable Clean Pin Alert	Detects when the 936 blower ionising bar needs to be cleaned to ensure peak performance is maintained
Mounting brackets	To enable mounting on walls, benches, ceilings etc. in order to suit any application

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Technical Characteristics

Dimensions (W x H x L)	184mm x 172mm x up to 1200mm
Available lengths	300mm, 400mm, 600mm, 800mm, 1000mm, 1200mm
Maximum length	1200mm
Emitters	Sharp, titanium pins
Weight	Approx 6.5kg (for 800mm length)
Construction	Bar = FR ABSBlower = Extruded anodised body with steel plate ends
Maximum Ambient	60°C
Mounting	Painted brackets supplied with each unit
Input voltage	24V DC (21-27VDC)
Input connection	M8 4 pole male murr
Maximum power consumption	Blower length up to 800mm = 48WBlower lengths 1000mm and 1200mm = 96W
Output voltage	Adjustable with BarMaster via MURR connector on back panel
Output balance	Adjustable with BarMaster via MURR connector on back panelDefault setting: 54% positive 46% negativeAdjustable from 80%:20% to 20%:80%
Output frequency	Adjustable with BarMaster via MURR connector on back panelDefault setting 20Hz adjustable from 1Hz -20Hz
Operating range	200-1200mm
Controls	Balance, voltage and frequency controlled by BarMaster via MURR connector on back panel.
Indicator LEDs	Green/red flashing LED on 924IPS bar
Ozone	< 0.1ppm

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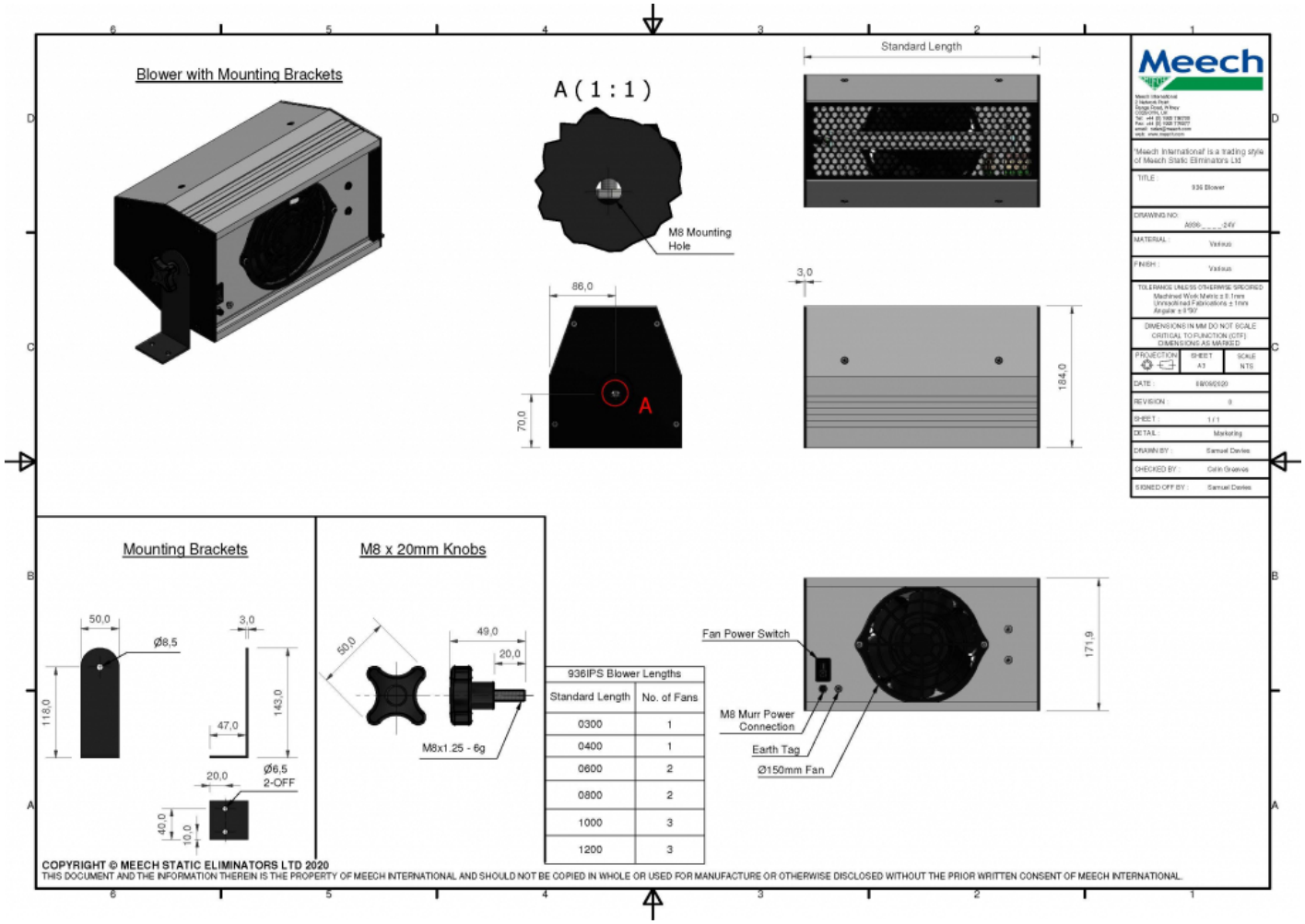

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