

959EX Hazardous Area Air Curtain




Product Code: 959EX

Model 959Ex consists of a Meech 924Ex static eliminator bar mounted on to a linear air flow amplifier (air curtain).

It produces a high speed, laminar beam of ionised air for long range static neutralisation and dust removal. It is available in a variety of lengths.

The 924Ex Bar is BASEEFA approved for use in hazardous areas.

Baseefa: 18ATEX0082X
ATEX:  II 2G IIC T4 Gb
(Ta = -20°C to +38°C)

IECEX BAS 19.0033X
IECEX: Ex sb IIC T4 Gb
(Ta = -20°C to +38°C)

Features

Benefits

Laminar air flow	Reduces recombination of ions, increasing effective range
High speed air flow	Long range ionisation capability
Air amplification	Entrainment of ambient air at a ratio of up to 25:1, which reduces compressed air consumption and delivers a massive airflow to the target
Easy maintenance	Optimum performance and equipment life
Clean Pins Alert	Ensures good ionisation performance is maintained
Adjustable ionisation performance	Ionisation voltage, frequency and balance adjustable with BarMaster or SmartControl Touch

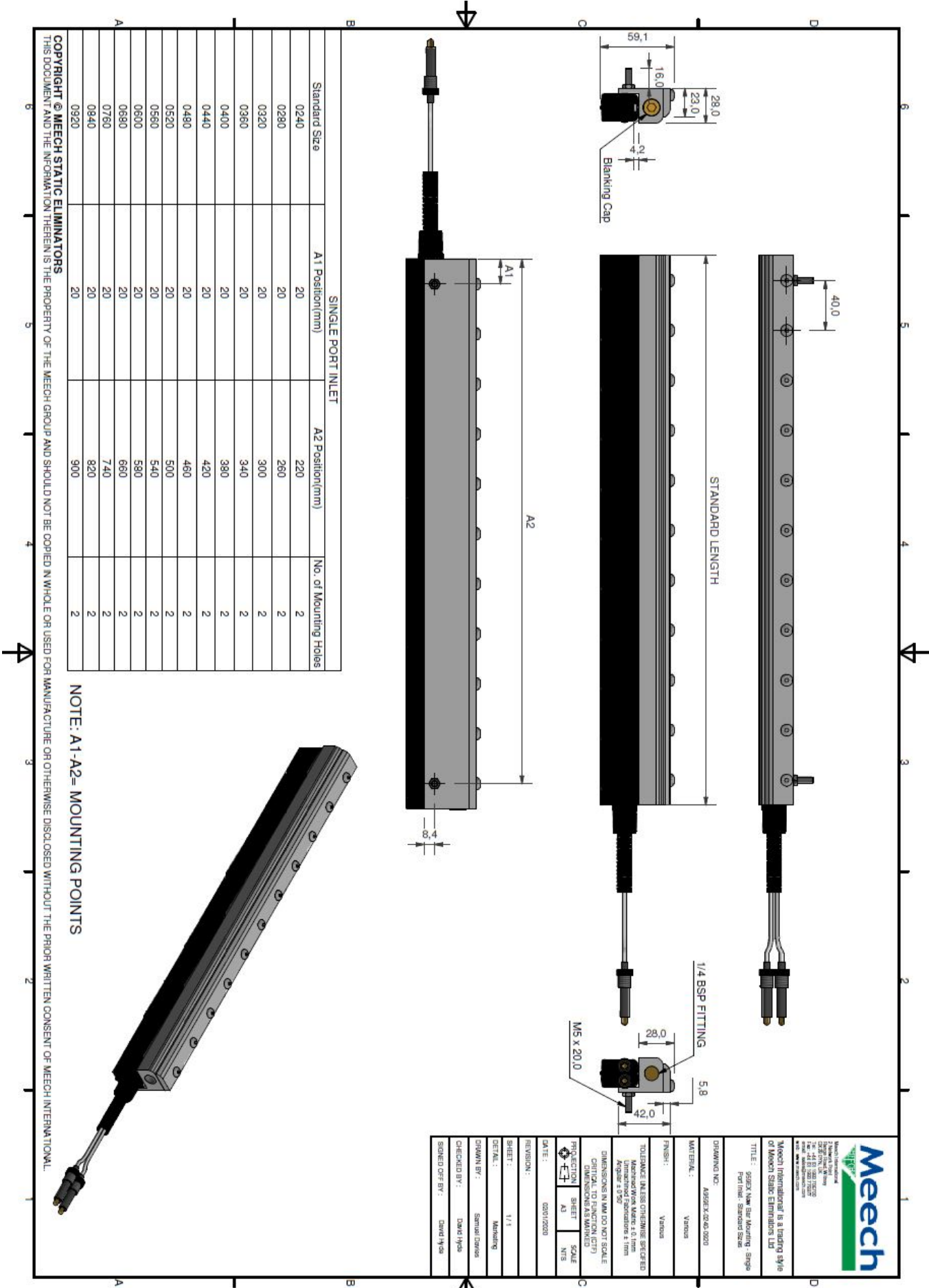
Technical Characteristics

Available lengths	240mm to 920mm
Weight	Approximately 3.5 Kg per metre length
Operating voltage	Maximum 5.5kV
Pin Current	≤70 µA
Emitter Pins	Titanium, with extremely low wear rate
Cable	5 metres of sleeved TV20 cable as standard. Longer lengths can be ordered
Power Supply	233v4HL 5.5kV Pulsed DC Controller (supplied separately)
Mounting	M4 studs securing static eliminator bar can be used for mounting
Maximum temperature	38°C (Temperature limited by the certification of the 924Ex)
Air consumption	122 lt/min at 5 bar per 25mm of air curtain length (4.3cfm at 80psi per inch length) Recommended feed pipe size = 12mm OD. Dual air inlets.
Noise	Quiet operation. Typically 50dBA less than the equivalent drilled or slotted pipe.

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Product Data Sheet

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