

MANN+HUMMEL TriMist Oil mist filtration system



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Product features

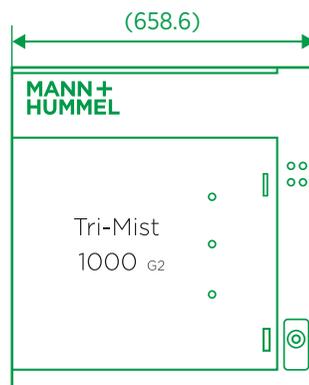
- Effective on all metalworking fluids
- Low maintenance
- Low operating cost
- Double-pass electrostatic precipitator technology
- Motor and control prewired
- Variable-speed controller
- Ceramic insulator for better insulation

Applications

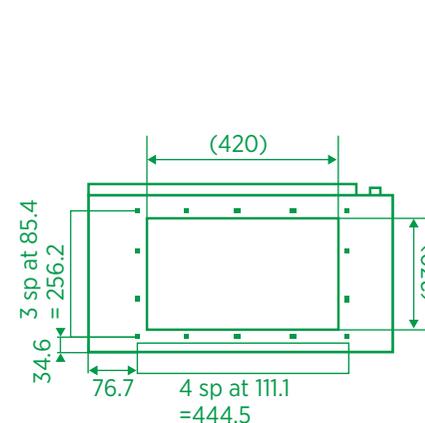
- Swiss lathes
- Vertical machining centers
- Horizontal machining centers
- Thread grinding
- Rotary transfer machines
- Gear hobbers
- Water jet deburring
- Screw machines
- High speed grinders
- Machine tools with mist and smoke problems

Dimensions

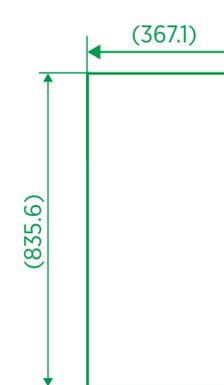
Tri-Mist 1000



Front view

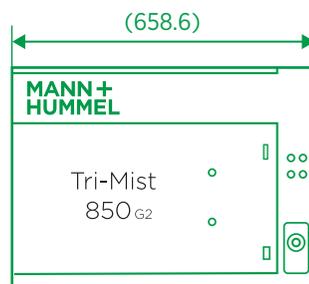


Bottom view

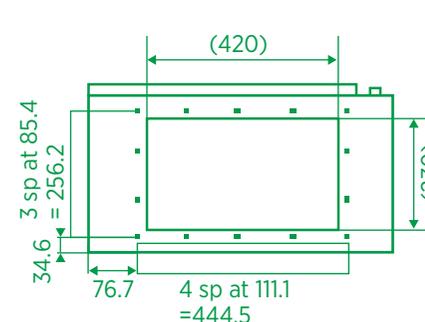


Left view

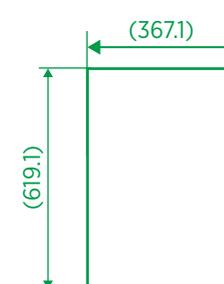
Tri-Mist 850



Front view



Bottom view



Left view

MANN+HUMMEL TriMist Oil mist filtration system

Overview	Item	Tri-Mist 850 G2	Tri-Mist 1000 G2
	Application	Metalworking fluid and oil mist	Metalworking fluid and oil mist
	Nominal air flow rate	500-1.400 m ³ /h *	0-1.700 m ³ /h
	Efficiency ISO 16890	Up to 95% ePM1	Up to 95% ePM1
Connection			
	ESP power supply	Solid and self-regulation	Solid and self-regulation
	ESP power supply number	2	2
	Air inlet	Bottom	Bottom
	Air inlet dimension	420 x 230 mm	420 x 230 mm
	Electrical rating	220-240 V, 50 Hz, max. 1.3 amps	220-240 V, 50 Hz, max. 1.4 amps
	Power	Max. 280 W	Max. 300 W
Filters			
	Filter/level	4	5
	Primary filter	2 x 46 mm mechanical impinger	2 x 46 mm mechanical impinger
	Secondary filter	1 ESP x 4.9 m ² filtration area	1 ESP x 4.9 m ² filtration area
	Tertiary filter	1 ESP x 4.9 m ² filtration area	1 ESP x 4.9 m ² filtration area
	Fourth-stage filter	1 x 25 mm thick post filter	1 ESP x 4.9 m ² filtration area

* Measure with clean filters

** Units were run with clean filters and measurements were made 2 meters off ground and 1 meter away from the collector, on the filter door side.

Specifications subject to change without notice, CE and UKCA certified

Motor	Item	Tri-Mist 850 G2	Tri-Mist 1000 G2
Type		Electrically commutated	Electrically commutated
	Quantity	1	1
	AC power	220-240 V, 50 Hz, single phase	220-240 V, 50 Hz, single phase
	Power input	0.21 kW	0.25 kW
	Current draw / starting current	0.93/1.5 A	1.2 A
	Environmental protection	IP44	IP55
Physical properties			
	Width	659 mm	659 mm
	Height	619 mm	836 mm
	Depth	367 mm	367 mm
	Noise level	≤ 68 dB(A)**	≤ 71 dB(A)**
	Impeller	Backward curved, vibration free	Backward curved, vibration free
	Surface	Powder coating inside and outside	Powder coating inside and outside
Optional features			
	Source capture plenums	Optional	Optional
	Fifth-stage filter	Optional	Optional
	Floor stand	Optional	Optional
	Ceiling hanging kit	Optional	Optional
	Flex duct	Optional	Optional



MANN+HUMMEL Contact

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**Open the website for more information about
oil mist filters from MANN+HUMMEL.**