



## ROX-2000 Mist Eliminator

*For Large machine tools and central systems.*  
Suitable for machine tools up to 600 ft<sup>3</sup> enclosures.  
Ideal for high pressure coolant.

The innovative 1<sup>st</sup> stage mechanical elements separates up to 95% of the mist. The 2<sup>nd</sup> stage agglomerator is very unique, manufacture in layers of stainless steel wire mesh weaved with oil attracting fibers. Efficiency is high as the air travels through a bed of coarse and fine fibers at a low velocity. Channels between each layer provide exceptional fluid drainage. Optional 2<sup>nd</sup> stage filter wrap for oil and fine mist applications. Optional On-Line Cleaning system for flushing out congealed coolant concentrate and fine solids. Alternatively, the media can be cleaned in placed with coolant or water hose. On most applications, cleaning is only every 2 - 3 years. The 2<sup>nd</sup> stage media is very durable, lasting 10 - 15 years.

The 3<sup>rd</sup> stage HEPA filter captures sub-micron mist, smoke and bacteria. Exclusive heavy duty media, no other product holds as much oil or lasts as long. Typical life is 2 - 4 years.

### Specifications:

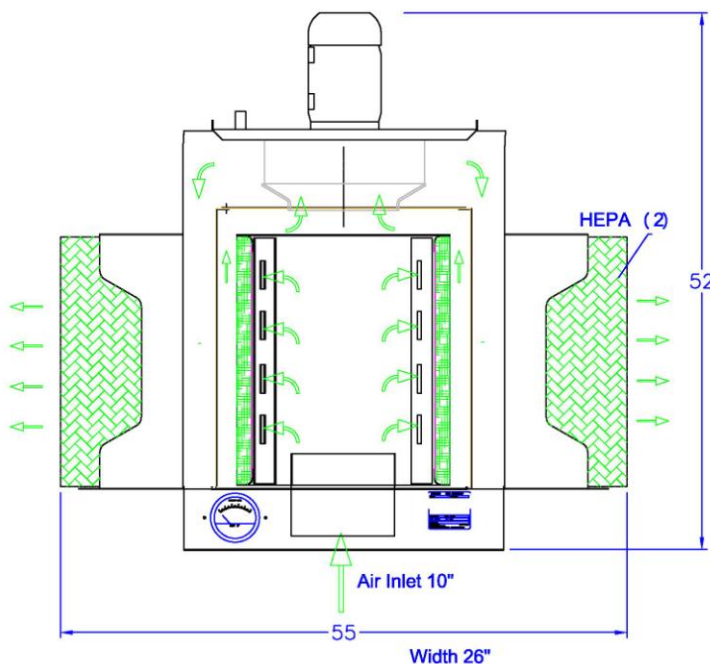
Air flow	1700 -2300 cfm
Pressure (HEPA)	0 - 3.5" wg
HEPA Filter	95% @ 0.3 microns
Motor rating	3 hp
Voltage (amps)	230/460/3/60 (7.34/3.67) 600/3/60 (2.94)
Speed	3450 rpm
Temperature (max)	160°F / 70°C
Weight	450 lbs / 205 kg
Length	55" (1390 mm)
Width	26" (665 mm)
Height	67" (1700 mm)
Inlet connection	10"
Sound level	75 dB(A) @ 1m
Clean air measurement	< 0.020 mg/m <sup>3</sup>
Color	off white

### Optional:

- 2<sup>nd</sup> stage filter wrap
  - single for fine coolant mist or cast iron
  - double for straight oil applications
- On-Line Cleaning System
- HEPA 99.97% @ 0.3 microns
- VFD motor starter control panel (45 - 60 hz)

### Accessories:

- Installation kit
- Suction hose
- Flange with hose nipple
- Chip strainer



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