



## ROX-1100 Mist Eliminator

### *For medium size machine tools!*

Suitable for medium to large machine tools up to 350 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 is a On-Line Cleaning system for flushing out congealed coolant concentrate and fine solids. Alternatively, the media can be cleaned in place 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. Must select coolant or oil filter.

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:

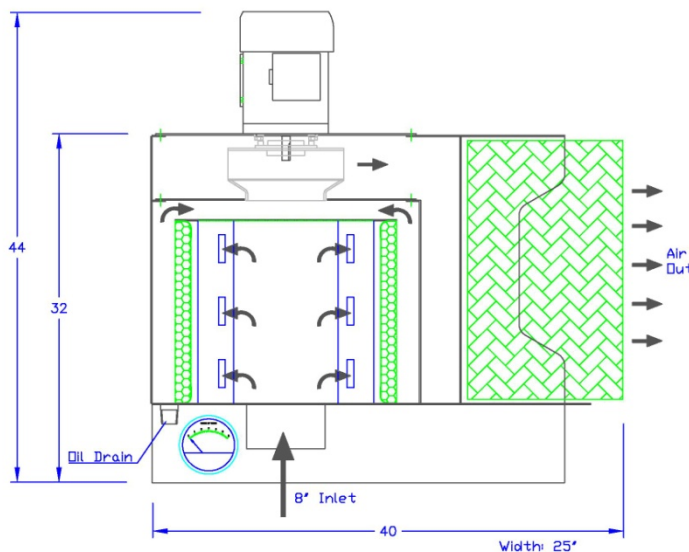
Air flow	950 – 1170 cfm
Pressure (HEPA)	0 – 3.5" wg
HEPA filter	95% @ 0.3 microns
Motor rating	1.5 hp
Voltage (amps)	230/460/3/60 (4.1/2.1) 575/3/60 (2.11)
Speed	3450 rpm
Temperature (max)	160°F / 70°C
Weight	330 lbs / 150 kg
Length	40" / 1016 mm
Width	25" / 635 mm
Height (motor)	32" / 813 (43" / 1052 mm)
Inlet connection	8"
Sound level	77 dB(A) @ 1m
Clean air measurement	< 0.020 mg/m <sup>3</sup>

### Optional:

2<sup>nd</sup> stage coolant filter  
2<sup>nd</sup> stage oil filter  
On-Line Cleaning System  
HEPA 99.97% @ 0.3 microns

### Accessories:

Installation kit  
Suction hose  
Machine adaptor for suction hose  
Chip strainer  
Motor starter panel  
VFD motor starter



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