



ROX-800 Mist Eliminator

For medium size machine tools!

Suitable for medium to large machine tools up to 250 ft³ enclosures. Ideal for high pressure coolant.

The innovative 1st stage mechanical elements separates up to 95% of the mist. The 2nd 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 placed with coolant or water hose. On most applications, cleaning is only every 2-3 years. The 2nd stage media is very durable, lasting 10 - 15years.

The 3rd 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	700 – 850 cfm
Pressure (HEPA)	0 – 3.5" wg
HEPA Filter	95% @ 0.3 microns
Motor rating	1 hp
Voltage (amps)	230/460/3/60 (2.96/1.48) 600/3/60 (1.18)
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	76 dB(A) @ 1m
Clean air measurement	< 0.020 mg/m ³

Optional:

- 2nd 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

Accessories:

- Installation kit
- Suction hose
- Flange with hose nipple
- Chip strainer
- Motor starter panel
- VFD motor starter
- VFD motor starter control panel

