



ROX-1100 Mist Eliminator

For medium size machine tools!

Suitable for medium to large machine tools up to 350 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 place with coolant or water hose. On most applications, cleaning is only every 2 years. The 2nd stage media is very durable, lasting up to 10 years.

The 3rd stage polishing filter or HEPA filter captures sub-micron mist, smoke and bacteria. Typical life is 1 – 3 years.



Specifications:

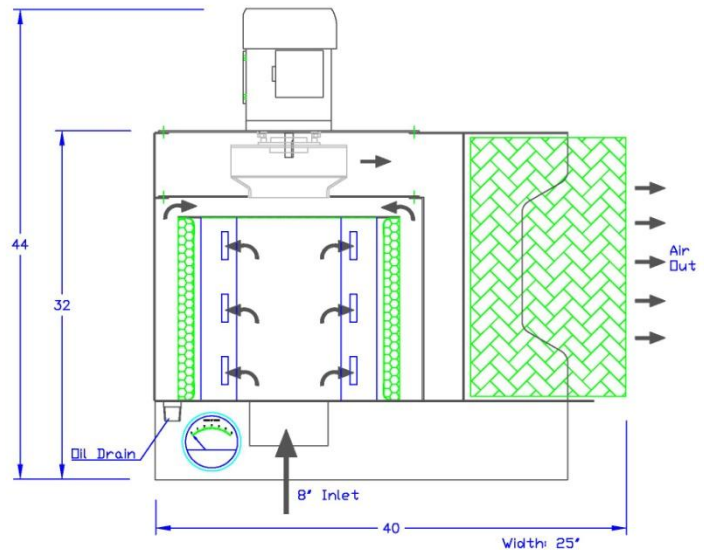
Air flow	950 – 1170 cfm
Pressure (HEPA)	0 – 3.5" wg
Motor rating	2 hp
Voltage (amps)	230/460/3/60 (6.8 / 3.4) 600/3/60 (2.7)
Speed	3450 rpm
Temperature (max)	160°F / 70°C
Weight	345 lbs / 157 kg
Length	40" / 1016 mm
Width	25" / 635 mm
Height (motor)	32" / 813 (43" / 1052 mm)
Inlet connection	8"
Sound level	77 dB(A) @ 1m
Clean air measurement	< 0.020 mg/m ³

Optional:

On-Line Cleaning System
HEPA pre-filter
Color – blue or off-white

Accessories:

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



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