



Synthetic Mist Eliminator – Coalescing Filter

Smoke and fumes are submicron particulate by-products created by manufacturing processes such as welding, rubber and plastic processing, high speed machining with coolants, tempering, and quenching.

To reduce the amount of mist, aerosols and fumes in workplace atmospheres, source capture filtration systems are often put in place. Without proper filtration, mist pulled from the source can coalesce, or unite, into a hardened substance in ductwork and pose fire hazards.



MODEL #SME-24X24X2
MODEL #SME-12X12X2

- 2" stainless steel outer frame reinforced with steel interior panels
- Multiple layers of honeycombed, corrugated and tubular monofilament polypropylene media creates significant surface area for coalescing to occur
- Greater affinity to other synthetic polymer based by-products
- Not for use in heat applications exceeding 250° Fahrenheit
- Nonporous and nonreactive to chemicals and corrosive environments
- Drain holes positioned for easy cleaning – wash with soap/water as needed
- Standard 24"X24"X2" or 12"X24"X2"; custom sizes available upon request



Testing of filter element in the field yielded 2.5 lbs. of "gunk" in one 8 hour shift.

www.permatron.com
1-800-882-8012