

*Welcome to the Next Generation
in Mist & Smoke Collectors...*

TRI-MIST 850

HIGH EFFICIENCY MIST & SMOKE COLLECTOR



Tri-Mist 850

- **Effective on All Metal Working Fluids**
- **Low Maintenance**
- **Low Operating Cost**
- **Performance Guaranteed**

TYPICAL APPLICATIONS:

- ▲ **Swiss Lathes**
- ▲ **Vertical Machining Centers**
- ▲ **Horizontal Machining Centers**
- ▲ **Parts Washers**
- ▲ **Rotary Transfer Machines**
- ▲ **Gear Hobbers**
- ▲ **Water Jet Deburring**
- ▲ **Screw Machines**
- ▲ **High Speed Grinders**
- ▲ **OD Grinders**
- ▲ **Machine Tools with Mist and Smoke Problems**

TRI-MIST 850

Features & Specifications

High Efficiency Mist & Smoke Removal

Up to 99% per ASHRAE 52.1. Effective on all metal working fluids.

Low Maintenance Costs

Very low maintenance. No disposable filters to replace, ever!

Easy Installation

The TRI-MIST 850 is compact and can be direct mounted to the machine tool enclosure. Optional flex-duct and inlet plenum options allow for remote installations.

Performance Guaranteed

The superior design of the TRI-MIST 850 is unequalled in the industry. Buy our new TRI-MIST 850 under our performance guarantee, and if you are not satisfied, return it for a full refund.

Low Operating Costs

The TRI-MIST 850 operates at less than 450 watts of power.

Warranty

Four-year warranty on complete unit!
Ten-year warranty on the electronic filters!

Specifications:

Dimensions: 25" x 13.75" x 20.25"
Inlet Opening: 16.70" x 9.10"

Cabinet: 16 ga. Steel welded with chemical resistant powder paint

Weight: 90 lbs Installed; 101 lbs. Shipping

Efficiency: Up to 99% per ASHRAE 52.1

Filtration:

1st Stage – 3" mechanical impinger.

2nd Stage – ESP cell 53 sq. ft. of surface area (Minimum voltage gradient is 20,000 volts per inch.)

3rd Stage – ESP cell 53 sq. ft. of surface area.
4th Stage – 1" thick post filter
5th Stage – Optional HEPAMAX filter rated at 99.97% DOP @ .3 micron.

Power Supply: Solid-state, dual voltage self-regulating power supply.

Electrical Rating: 115 Vac, 60 HZ, 4 amps

Impeller: Vibration free, backward curve rated at 1050 cfm @ 0.0" w.g.

Sound Levels: 69 dBA

Additional Features:

- Double Pass ESP Technology
- Motor and control prewired
- Variable Speed Controller
- Four year parts warranty

Optional Accessories

- Source capture plenum
- 5th Stage HEPA, 99.97% @ .3 micron
- Machine mount stand
- Ceiling hanging kit
- Flex Duct

Manufactured by:

TRI-DIM FILTER CORPORATION
999 Raymond Street
Elgin, IL 60120
Phone: (800) 544-0094
Fax: (847) 695-7938

