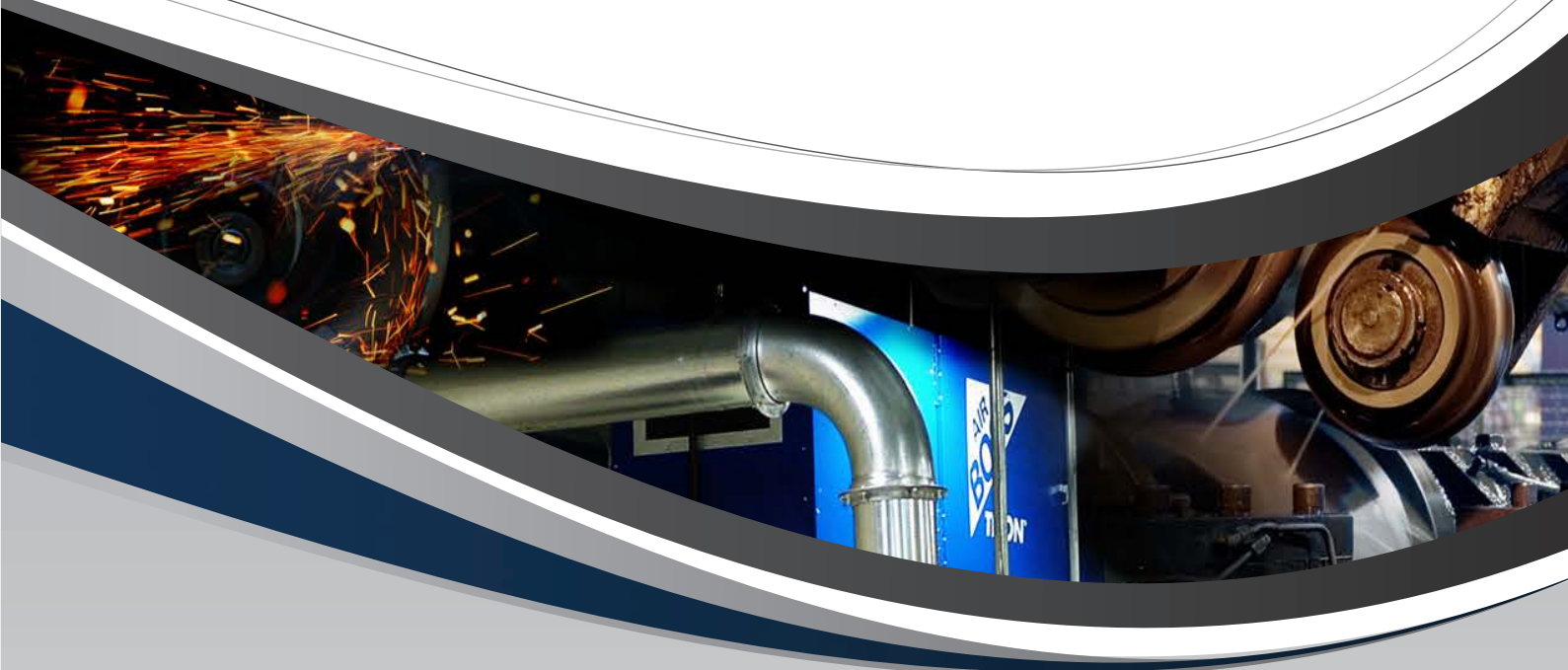




# TRION

Air Purification Systems



## Industrial Solutions



**Mini M.E.**  
*Mini Mist Eliminator*

Air Purification Systems | [www.trioniaq-emea.com](http://www.trioniaq-emea.com)

### Get In Touch

 Call: [0845 6880112](tel:08456880112)  
 Email: [info@adremit.co.uk](mailto:info@adremit.co.uk)

### Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,  
Settle, North Yorkshire, BD24 9RH



## Mini M.E.

Trion's electronic Mini Mist Eliminator (Mini M.E.) is designed to collect oil/oil-based coolant mist and smoke at the source. It will not only help you to comply with OSHA standards, but also help to improve employee safety, protect equipment and reduce plant maintenance costs. Its small size lends itself to be mounted directly on the machine tool for source capture of contaminants such as water-soluble, synthetic and petroleum based coolants and smoke.

## Features & Benefits

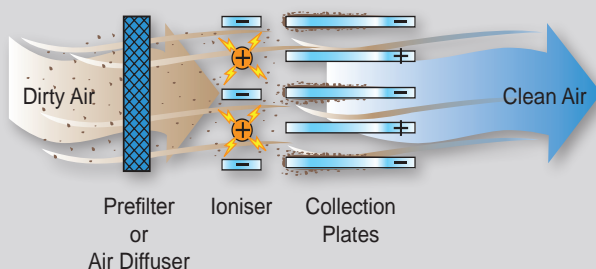
- High Efficiency: Up to 95% efficient on 0.3 micron particles.
- Cleans and re-circulates indoor air.
- Ceiling, Platform or Machine Mounting: Eliminates the need for elaborate duct work and saves floor space.
- Efficient Wiring Capability: Unit can be wired directly to the machine tool control to operate only when the machine tool operates.
- Compact cabinet design.
- CE approved.

## Applications

- Screw Machines & CNC Machining Centers
- Surface and Centerless Grinders
- Turning Lathes
- Parts Cleaning Systems & More

## How It Works

Trion's electronic Mini M.E. utilises the principle of electrostatic precipitation. Air is drawn by the motor/blower through metal mesh filters which trap large particles. Smoke and mist particles, some as small as 0.01 microns, pass into a strong electrical field (ionising section) where the particles receive an electrical charge. The charged particles then pass into a collector plate section made up of a series of equally spaced parallel plates. Each alternate plate is charged with the same polarity as the particles, which repel, while the interleaving plates, which are grounded, attract and collect oil/coolant mist, and smoke. Clean air is then returned to the atmosphere.



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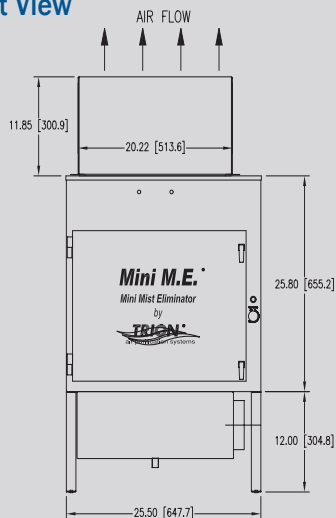
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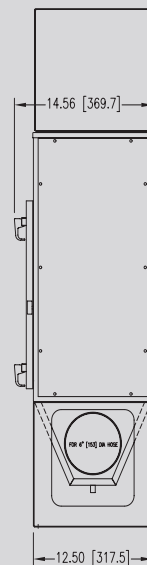
## Unit Information

Mini M.E.	
Dimensions	64.77 x 31.75 x 65.53 cm
Inlet Diameter	15.3 cm
Outlet Grill	47.96 x 31.09 cm
Cabinet Construction	18 Ga Steel, Welded and Painted
Weight	47 kg
Shipping Weight	56 kg
Unit Performance	Up to 1,100m <sup>3</sup> /hr
Efficiency	Up to 95% DOP Test Method
Electrical Ratings	240V/1Ph/50Hz/1.0A (180 Watts)
Sound Level	69 dBA Max. @ 1.83 meters
Pre-Filter	(2) Aluminum Mesh, 51.12 L x 31.12 W x 4.76 D (cm)
Primary Filters (Double Pass)	(2) Forever Filter, Electronic Ioniser Collector Cell
Standard Components	(1) Carbon Filter, 51.12 L x 31.12 W x 4.76 D (cm) (1) Machine Mounting Stand (1) Inlet Plenum with Duct Collar & Drain Fitting

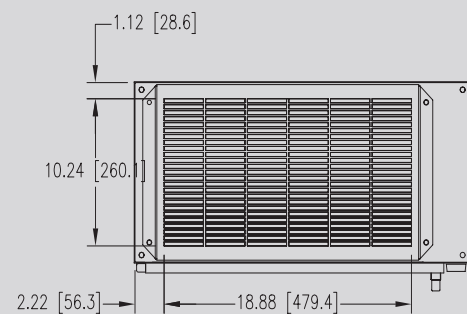
Front View



Side View

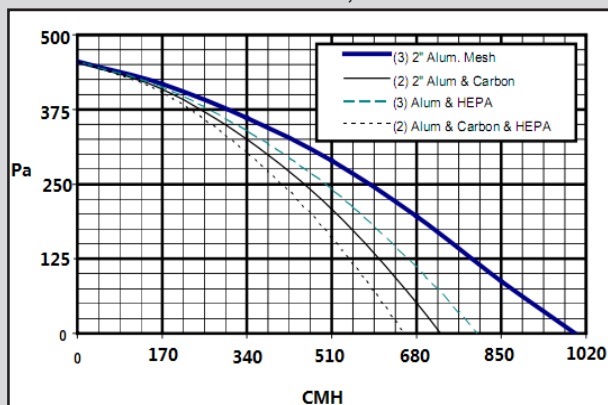


Top View

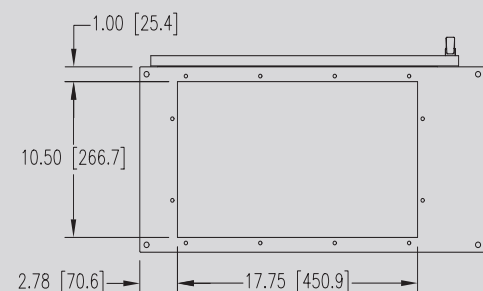


Performance Data

Mini M.E. EAC, 240V/50Hz



Bottom (Inlet) View



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Our Mini M.E. comes with a two-year parts only warranty.



**T-Series Electronic Air Cleaner**

Learn more about other Trion industrial products by contacting your local Trion representative or by visiting us on the web at [www.trioniaq-emea.com](http://www.trioniaq-emea.com)



**VOMP 600  
Vertical Oil Mist Precipitator**

# TRION

**Air Purification Systems**

Trion® a division of Ruskin Air Management Ltd.

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