

# DynaPure® AS Series



POWERED BY

**RED**Clean® Technology

Design | Engineering | Manufacturing | Maintenance | Spare Parts

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Bringing clean air to life.®

## High Efficiency, Low Maintenance

The DynaPure® AS Series offers efficient, low-maintenance mist collection with innovative design and broad application versatility.

Efficient and low-maintenance, this versatile mist collector offers high mist-collection efficiency in a compact, machine-mounted design. The innovative design filters and reclaims mist for applications ranging from 100 to 1,000 CFM. This system streamlines maintenance by efficiently capturing mist within its enclosed drum. Using centrifugal force, it filters the mist, drains it back into the process, and releases clean air through the stack discharge. With prefilter and final filter options, it ensures reliable performance even in the most challenging applications.

## A strategic part in the process

Proven performance across a variety of applications:

- | Surface Treatment
- | Grinding, Cutting & Trimming
- | Machining



Aerospace



Automotive

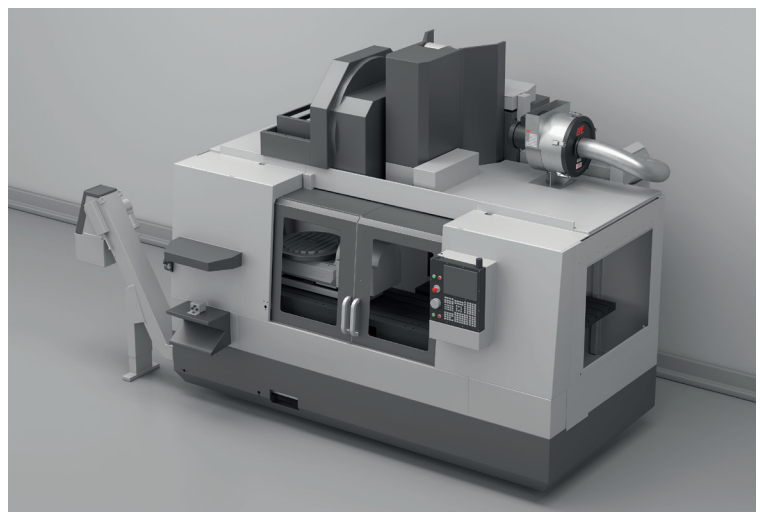


Metal  
Working



### **DynaPure 300**

*The DynaPure® AS Series efficiently captures submicron mist particles, reducing operating costs by recirculating filtered air, minimizing makeup air needs, and lowering heating and cooling expenses. Its space-saving design allows easy installation on or adjacent to the mist source, making DIY installation feasible.*



### **DynaPure 400**

*The system operates quietly, adhering to OSHA noise standards, enhancing employee comfort and productivity. It meets OSHA's mineral oil mist standard, keeping levels at or below 5 mg/m<sup>3</sup> over an 8-hour shift and 15 mg/m<sup>3</sup> TWA. Maintenance is simplified with easy tasks like changing the disposable filter liner and cleaning the impeller.*

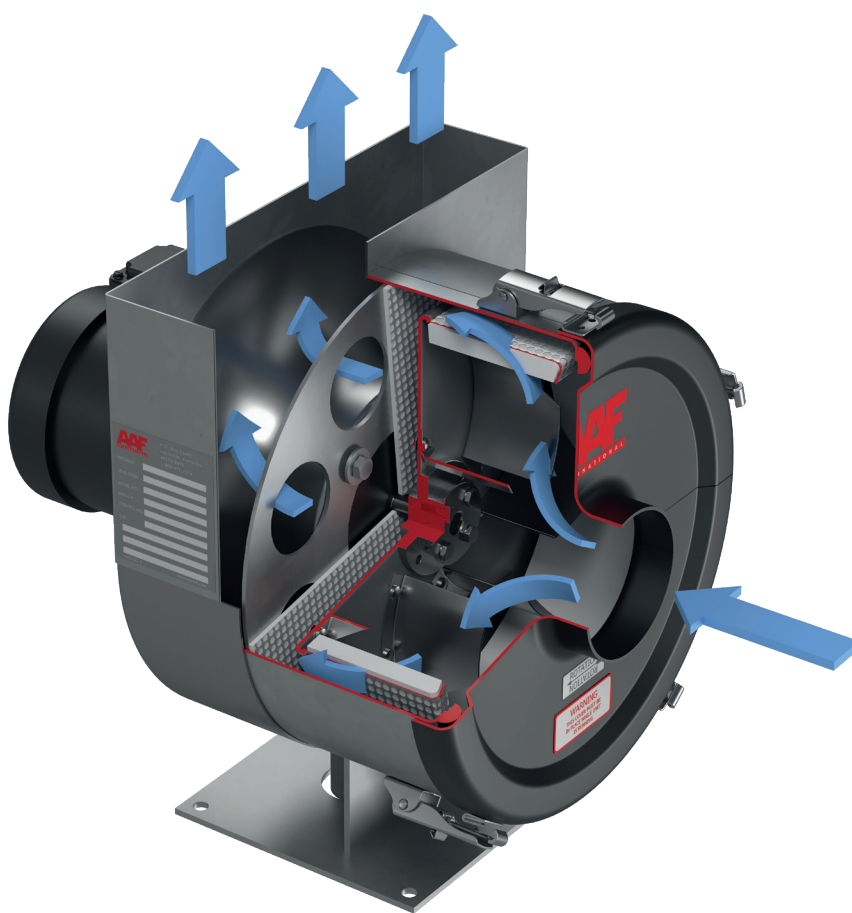
# Dependable Solution for Mist Applications

AAF's DynaPure® AS Series is easy to install and maintain, ensuring uninterrupted oil mist collection. It adapts to various applications while promoting a quiet and safe environment for employees.

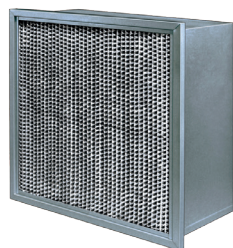
<b>High-Performance Backward Inclined Aluminum Fan</b>	Delivers optimal performance with minimal noise
<b>Streamlined One-Piece Fan/Drum Assembly</b>	Simplifies liner replacement
<b>Customizable Filter Options</b>	Prefilter and final filter choices for challenging conditions, factory-installed or retrofitted
<b>Versatile Motor Options</b>	Includes explosion-proof models and multiple voltage choices, including 50 Hz

Mist-laden air is drawn into the DynaPure, where a rotating drum captures and agglomerates mist particles, including submicron particles, using centrifugal force to remove them from the air stream. The captured mist is drained for easy disposal or returned to the machine. Clean, purified air is released into the plant atmosphere through the integrated stack discharge.

An after-filter is ideal for applications with straight oil, smoky environments, or high-pressure coolant delivery, where smaller particulates and higher volumes are present. For optimal performance, choose between the VariCel® MERV 14 or AstroCel® HEPA.

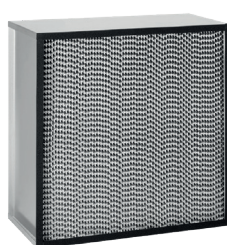


## VariCel® MERV 14



- Designed to perform in the most difficult operating conditions, such as variable air volume, turbulent airflows, and repeated fan shutdown
- Open header design prevents dirty air bypass and makes handling safe and easy
- Dual-density media increases filter life and reduces operating costs

## AstroCel® I HEPA



- Individually factory-tested for certified performance
- Standard efficiencies at 99.97% or 99.99% on 0.30 micrometer particles



Bringing clean air to life.®

A light gray world map is centered in the background of the page, showing the continents of North America, South America, Europe, Africa, Asia, and Australia.

## AAF International

Filtration has been at the heart of our business since 1921 and thanks to the high caliber of our products and services, we are trusted by many of the world's leading power and industrial companies. We provide our customers with the expertise, the solutions and the best available filtration technology to increase operational performance. Bringing clean air to life, our products provide the highest levels of indoor air quality, the lowest environmental emissions and the optimum safety conditions for employees and the wider community.

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