

Less space. More power.

Introducing the AW range from Absolent – advanced oil mist filtration for healthier, more productive workshops.

In high-precision machining, it is the small details that make the biggest difference. Even the tiniest particle can affect product quality, reduce machine accuracy or harm operator health. That is why Absolent has developed the new AW range: a compact, powerful and intelligent filtration system that ensures clean air is an integral part of your production process.

Clean Air as Standard

Each AW unit is designed to provide HEPA H13-class air filtration, removing 99.95% of harmful particles. When used with Absolent original filter cassettes, the HEPA filter is protected and guaranteed to deliver at least 8,760 hours of continuous operation.

This results in long service intervals, uncompromised clean air and total confidence in performance.

The result is a healthier working environment for your employees, higher-quality output, and a longer machine life.

Intelligence Built In

The AW adapts automatically to pressure changes across the filters with

the EcoDrive EC fan system, always running at the optimal speed. This guarantees consistent clean air and reduces energy consumption, thereby lowering operating costs in the long term.

When extra power is required, such as when the CNC door opens, the Boost



Mode feature temporarily increases airflow to handle sudden bursts of particles and to protect the operator. The system then smoothly reverts to normal operation without any need for manual intervention.

The built-in LED interface makes it easy for operators to monitor unit status at a glance. For businesses that want

deeper insights, the optional A-smart IoT platform offers predictive maintenance, real-time data collection and compliance-ready reporting.

Reliability Without the Hassle

The AW range is designed for minimal servicing. Its patented **Catch & Release®** system captures and drains oil aerosols, thereby extending filter life and maintaining consistent performance. When maintenance is required, the lightweight cassettes can be replaced quickly. The self-draining filters also extend service intervals, meaning there are fewer interruptions, less downtime and lower ownership costs.

Compact Power + Modular Architecture

The AW range is available in multiple configurations to meet different machining needs. From micro-machining to heavier particle loads, there's a model engineered to fit seamlessly into your production!



AW2 – Compact and lightweight, with a nominal airflow of 250 m³/h. Perfect for smaller machines and precision processes.

AW5 – Medium capacity, offering 500 m³/h airflow with stable performance and energy-efficient operation.

AW8 – High capacity with 800 m³/h airflow, designed for larger machines or processes with heavier particle loads.

All models share the same Absolent DNA: long service intervals, compact footprint, and silent operation.

Highlights & Features

Energy Class IE5 EC motors – deliver high efficiency and reduced energy costs.

Flexible inlets – right, left, front, or bottom, with 150 mm connections for simple installation.

Drainage options – left or right, ensuring adaptability to any machine layout.

Lightweight design – starting at just 24 kg, making mounting straightforward.

Service-friendly – filters are lightweight, self-draining, and easy to replace.

Catch & Release® cassettes – patented Absolent technology that captures and drains oil mist with low pressure drop, extending service life.

Boost Mode – temporary power increase during machine door openings, automatically returning to normal operation.

LED user interface – simple, intuitive status display.

Get in touch
today to talk
to a Clean Air
specialist.



Visit www.absolent.com to
see all our Clean Air solutions!



A Long-Term Investment in Productivity

Installing an AW filter is not just about meeting regulations – it's about protecting your investment. With clean air, your machines run longer, your people stay healthier, and your productivity increases. Over time, that translates into stronger business performance and reduced total cost of operation.

The Absolent Difference

At Absolent, we don't just build filters, we engineer solutions that last. The AW range gives you compact power, intelligent control, and proven reliability, all in one integrated system.

There are filters. And there is Absolent.



About Absolent

Absolent is a global leader in clean air technology for the machining industry. Since our founding in Sweden, we've been dedicated to protecting operators, machines, and the environment by removing oil mist, smoke, and dust from the source with world-class efficiency.

Absolent means cleaner air, healthier people, and higher productivity – every day.
Call us on +46 (0) 510 484000 today to see how we can help you.