

AERO Single – Keller Lufttechnik completes the AERO model series

Manufacturers searching for a solution to separate oil and coolant mist with a single system can now select our proven AERO separator in a compact design, with an air flow up to 2.500 m³/h. As with our other systems, this unit is very low-maintenance, with the possibility of air recirculation and very energy-efficient.

For metal treatment using coolants, and cutting oils, systems that can reliably separate the coolant or oil mist, are required. AERO with its MICOS-P fine fiber cartridges is the optimal solution. "Air recirculation into the workplace is possible in many instances, since the separation efficiency is superior while reducing heating costs", states Marcus Kraus, Keller Sales Manager. A service life of 15.000 hours or more makes it worthwhile. "Exchanging filters three times in ten years is a very manageable task", says Kraus.

Stand-alone design results in energy efficient separation

Until now, AERO was available in sizes 1, 2 and 3 for air flows between 4.000 and 12.500 m³/h. We have now added the AERO Single, a smaller system, to our product range. "It is perfect for air pollution control for one or two systems with a nominal

air flow of up to 2.500 m³/h", explains Kraus. "The system is installed as a stand-alone unit using the gravity effect for the separation process. We thereby achieve continuous separation efficiency together with very low energy consumption."

Perfect for retrofitting

For example, companies retrofitting an additional machine to an existing space chose the AERO single. In many instances, a new machine cannot be connected to existing separation systems since they are already functioning at their maximum capacity. In this case a separate new system makes sense.

Decentralized separation solutions with AERO Singles

"Separation performed by a single machine such as AERO Singles can be a viable option even for companies planning new production facilities. Such a decentralized solution is much more flexible and offers enhanced process safety" according to Marcus Kraus. It is most economical when extracting less than eight machines. A centralized separation system is more feasible for a larger number of machines. Do not hesitate to contact us for additional details. <

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