



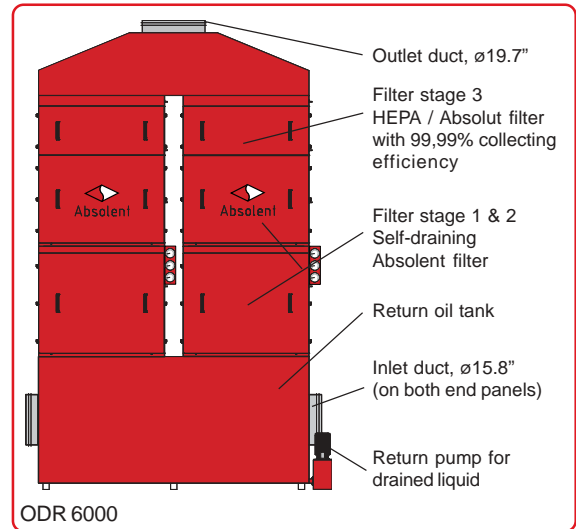
# ODR 6000 Oil Smoke Filter

The Absolent type ODR 6000 Oil smoke filter features one of the most effective systems in the world for cleaning oil mist and oil smoke. The unit requires very little service (can run for 1–5 years without requiring a filter change). For Absolent customers, this means extremely low life cycle costs. The ODR 6000 filtration unit is designed for handling the most demanding applications, for air flows of up to 4700 cfm. The ODR 6000 is a so-called central filter.

## Absolent products offer a unique combination of long useful life and high collecting efficiency

The Absolent filter unit offers a long useful life as well as consistently high collecting efficiency, thanks to its design and generous filter surface measuring either 2280 or 2538 ft<sup>2</sup>. Already after the second, self-draining Absolent filter, the particle level in the air is in most cases less than 1.0 mg/m<sup>3</sup>. The ODR 6000 is equipped with a third filter stage, a so-called HEPA filter, which ensures a consistent collecting efficiency.

Thanks to these three filter stages, the air can usually be returned to the premises. This means less loss of energy and more balanced ventilation in the premises.



## Operation

The filtering process occurs in three stages. The first and second stages consist of the self-draining Absolent filters, in which the filter material is adapted and mixed specifically for each application. The third stage consists of a HEPA filter, which has a guaranteed consistent collecting efficiency of at least 99.99% arresting 0.3 µm dia. particles. Thanks to the unique design of the filter, the Absolent ODR filter can be operated continuously without unnecessary interruptions for draining. The return oil is collected at the bottom of the filter for recycling.

## Range of Application

The Absolent ODR 6000 is well suited for use in applications such as:

- Heat-treatment
- Cold-drawing
- Gear cutting
- Grinding with straight oil
- CNC turning with straight oil
- Forging operations and cold pressing

## Design

The ODR 6000 has a highly robust tower design that occupies a minimum of floor space. The ODR 6000 is supplied with a baked powder painted finish that adds colour to the shop floor.

