



PLYMOVENT[®]
clean air at work

HOW DO YOU CONTROL WELDING FUME?

As you might know, inhaling welding fume is hazardous. Welding fumes are predominantly generated by melting filler materials. Remains of welding wire, primer, iron oxide and oil often stay behind creating welding fumes. Welders inhale these dangerous gasses and particles on a daily basis. Welding fume extraction protects not only the welders, but also the people working nearby, from health risks. In addition, it prevents fumes from accumulating in the workplace.



THE SOLUTION FOR EXTRACTING WELDING FUMES

Plymovent provides a complete product range for industrial air cleaning systems. We have an established and proven product line, which extracts welding fume effectively, protecting employees and employers alike against the risks of welding fume and grinding dust. Parkinsons disease and respiratory diseases are mentioned frequently in combination with welding fumes. Personal protection should always be a priority. This increasingly topical issue should not be underestimated. Our expertise gained over decades, high quality products and genuine commitment to customer requirements enable us to provide precisely the solutions you need.

AT SOURCE CAPTURE: EFFICIENT AND ENERGY SAVING

At source capture is the most efficient method to eliminate welding smoke from your work environment. Our product range includes mobile and stationary units, which can be combined with different types of extraction arms and filters. Modular in concept, expandable to your needs. Extraction arms capture the welding fume and can be mounted to the wall or connected to a stationary or mobile unit depending on your requirements, applications, and national legislation.

AT SOURCE CAPTURE

Plymovent offers various fixed and mobile solutions for at source capture of welding fumes and grinding dust. Our high quality products and experience in source extraction is a safeguard for ensuring a durable and energy saving system.

Different lengths and diameters of an arm can be specific to certain processes and application. That is why the extraction arms of Plymovent are available in various working radiuses, from 1.0 up to 8.8 metres.

The Plymovent filter range varies from small single filters up to large modular, self-cleaning filters which can be expanded as your business grows.

Our control equipment will ensure lower power consumption and ease of operation. We can build systems that are fully automatic, keeping the airflow constant regardless of extractors in use.

The mobile and stationary units of Plymovent are compact, light and easy to handle. Pre-eminently suitable for on-site light to moderate welding jobs, in confined spaces or at difficult to reach welding locations.



GENERAL AIR CLEANING & VENTILATION

If work pieces are too big to be covered by extraction arms, or if the welder constantly moves between locations, extraction at source is impossible. Plymovent now offers a solution to this problem; a push/pull-system that, using proven techniques, captures environmental welding fume, filters it and then pushes clean air back into the working area. This way, expensively heated air stays in the working area and occupational exposure levels are kept easily within accepted standards.



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Plymovent: A trusted partner in fume and dust control. Plymovent's products capture and filter welding fume and oil mist throughout the world. Having manufactured high-quality products for more than 30 years, Plymovent is a major global player and market leader in providing engineered solutions for industrial air filtration. Plymovent is also active in extraction of vehicle exhaust fumes on automotive assembly lines, in fire stations and repair garages.