Welding Fume Extraction Systems

Ventaire offers a variety of fume extraction systems for welding, soldering, chemical, pharmaceutical and other noxious fumes and gases. Whether your application requires an extraction arm, simple hose drop or slotted bench top hood, Ventaire has the solution to improve your workplace safety. With over 25 years of experience designing and manufacturing fume extraction systems, we have the expertise to engineer a solution for any situation.

Fume Extraction Arms

Ventaire provides several unique articulating arm styles each having its own distinct characteristics. Ventaire arms provide the ability to capture the fumes at the point of generation anywhere within the working radius of the arm.

Our arms are constructed of lightweight material to allow easy positioning of the arms to the fume source. Ventaire’s standard fume arms are available from a three inch diameter to an eight inch diameter with a working radius of up to 20 feet.

Pictured is Ventaire’s Model SIFA6100TL, a popular, self-supporting fume extraction arm that is a cost-effective mechanism to rid the workplace of harmful fumes and smoke.

This popular arm uses lightweight smooth bore rigid tubes to minimize airflow loses.
Slotted Fume Extraction Hood

Ventaire’s FEH slotted fume exhaust hoods are innovative and highly acclaimed for use in educational, manufacturing and repair facilities. The hoods are designed to be installed at the back of a welding station to pull the welding fumes away from the breathing area of the welder and other personnel in the workplace.

Pictured is Vertaire’s standard FEH3 hood installed in a technical college.

Simple Hose Drop System

Ventaire’s simple hose drop systems are an economical and effective means to capture fumes at the source. The system is comprised of a flexible hose and moveable inlet hood with magnetic base that can attach to a welding table or other ferrous work piece.

The photo at left illustrates the effectiveness of Ventaire’s simple hose drop to prevent the welder from inhaling harmful welding fumes.