



Remove Fumes Efficiently in Automated Welding Cells

Designed for the rugged demands of robotic industrial welding operations, the FILTAIR® Automation solution integrates the FILTAIR Weld Fume Extractor with the Automation Hood, providing a custom-engineered fume extraction solution.



Hood benefits

- ▶ Lower operation costs
- ▶ Superior weld fume filtering for a cleaner, safer work environment
- ▶ Two levels of spark abatement to keep hot sparks out of the collector
- ▶ Durable, lightweight, powder-coated steel design is easy to install

Weld fume extractor benefits

- ▶ Superior filtering with standard high-efficiency MERV 15 filters
- ▶ Fewer filters—one FilTek XL replaces up to three cartridge-style filters
- ▶ Up to 75% quieter for a safer, more productive work area
- ▶ Up to 65% smaller than traditional collectors

Designed for integration with Miller® PerformArc™ pre-engineered robotic weld cells. Requires no modification during installation.

Exclusive air-flow design benefits

- 1 The extraction point is located directly over the weld fixture, allowing the primary air path to more efficiently capture at the source.
- 2 Exclusive design—secondary air path ensures fume capture is maximized
- 3 Hood air-flow design reduces sound for better communication
- 4 Unique air flow offers spark abatement in the standard deflector plate, and also in the recommended Spark Cooler®
- 5 Captures fume near the operator over the parts-change fixture

Maximizes weld cell lighting

- 6 Clear, UV-protected polycarbonate ceiling panels allow maximum light into the cell
- 7 Additional task lighting is available as part of the automation cell to ensure full light in all areas



Industry-leading filter performance

When it comes to selecting a fume extractor, nothing is more important than the filter. That's why we developed our line of FilTek™ XL filters. Designed to efficiently capture weld fume particles, FilTek XL filters out-filter, outperform and outlast all the rest.

► Out-filter

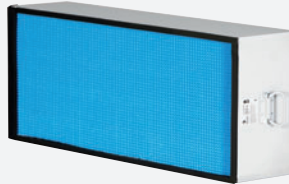
FilTek XL filters have the highest MERV ratings in the industry to capture the highest percentage of weld fume particles—up to 95 percent

► Outperform

FilTek XL technology is ultra-efficient, which results in lower operating costs and longer lasting, stronger suction power for a cleaner work space

► Outlast

FilTek XL filters surface-load, so they are easy to clean, resulting in filters that last up to two times as long as treated cellulose filters



Hood Stock No.	Package No.*	Description
300963	951475	For welding cell PA-250M, 55
300964	951476	For welding cell PA-350S, 102
300965	951477	For welding cell PA-550HW, 750SW, 1100HW, 122W, 112W, 132
300966	951478	For welding cell PA-550H, 750S, 122, 112

*Package consists of:

- Weld cell hood
- Weld fume extraction unit
- Ducting
- Pre-configured engineered system design

Note: Recommended Spark Cooler® sold separately.

Please call toll-free 855-FILTAIR (855-345-8247) for information on custom-engineered fume extraction solutions.

MillerWelds.com/filtair

