Modular extraction hoods designed to efficiently capture thermally generated fume from industrial operations with a low profile engineered solution.

The FILTAIR low profile hood is designed to be hung, supported by legs or placed over robotic semi-automatic welding and cutting operations. Hoods are available in sizes from 4 x 4 feet up to 16 x 16 feet in one-foot increments. Exclusive design has more efficient fume capture at lower operating costs and requires less cfm compared to fabricated canopy hoods.
Low profile design
- Takes up less vertical space, allows placement where there are low ceilings
- Overall lighter weight design

Modular design
- Available in configurations (square or rectangle) ranging from 4 x 4 feet up to 16 x 16 feet in one-foot increments

Construction
- Powder-coated light-gauge steel design provides a simple installation at an economical cost
- Durable clear polycarbonate top allows light into work cell
- 10-inch duct flange adapter (rolled collar) hood inlets — one or two depending on hood size

Installation options
- Can be supported from above using hood corner brackets with lift eye hooks
- Receivers built into corner brackets allow for easy installation with customer-supplied posts
- Can be set upon an automation cell enclosure

Benefits
- Lower operation costs — efficient design requires up to 40-percent less airflow compared to standard canopy hoods
- Compatible with existing collectors depending on size — selection is based on industrial ventilation guidelines
- Superior fume capture for a cleaner, safer work environment
- Encloses automatic welding operations to improve worker protection and maximize fume capture
The FILTAIR® Low Profile Hood Advantage

1. Exclusive design — creates a secondary air path to center extraction rail where fume capture is maximized

2. Designed to extract weld fume from the entire area covered by the hood, including where operators can be located in automation applications

3. Unique air flow offers spark abatement in the standard deflector plate

4. Low-resistance air-flow design reduces sound

5. Clear, UV-protected polycarbonate ceiling panels allow maximum light into the cell

6. Corner lift hooks are convenient for hanging the hood for installation and suspending of the hood

Innovative source-extraction rail technology

- Less air required to effectively capture fume
- Capture zone distributed over the work area and is more effective at source capturing weld fumes over traditional canopy or perimeter extraction hoods
- Extraction rail technology evenly distributes airflow for efficient collection
- Side wall design directs air back to the extraction rail for effective capture
- 17.625-inch overall height
### Ordering Information and Specifications

#### Length (feet) *

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#### Notes:
- Inlets are 10-inch diameter.
- Values for cfm are based upon recommended industrial ventilation guidelines. Static pressure at given airflow equals 0.7 in. w.g.
- *Listed dimensions are for inside edges. Add 9.5 inches to width and 9.5 inches to length for overall (outside edge) hood dimensions.
- Overall height including corner brackets is 17.625 inches.

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