



Spire™ Series

A versatile fume extraction system for robotic welding.

- Smallest footprint in the industry
- Fast, plug & play installation
- Easy operation & maintenance





Small footprint. Big impact.

RoboVent Spire is a versatile, cost-saving alternative to centralized ducted systems for robotic weld cells. Made especially for robotic welding, Spire is designed to be directly ducted to one or two production cells.

Fast Installation:

Spire ships in one piece with controls completely wired. The plug-and-play design allows for fast installation and future equipment moves.

Easy Maintenance:

Spire makes filter change-outs and dust removal a breeze, with no tools required. Tee Latches are easy to open and close when service is required.

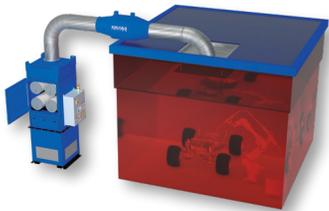
Small Footprint:

The 3' x 3' footprint takes up about the same amount of floor space as a weld wire barrel, making it ideal for robotic welding cell design.

Which Spire is right for you?

Single cell or multiple? Heavy-duty or light production?

Spire meets the demands of today's fast-paced business environment. As your production cells move, Spire can easily move with the cell. With three ranges of CFM requirements, Spire can be used for a variety of robotic welding applications throughout your production lines. From single cells to heavy-duty production across multiple cells, Spire meets your requirements.



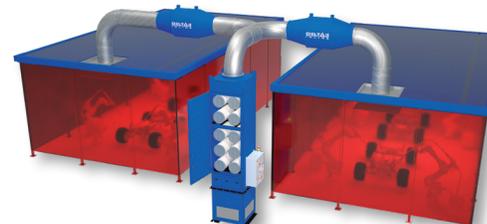
Small:

- 2,200 CFM
- 4 Filter Cartridges
- Single robot or small 10' X 10' weld cell



Medium:

- 3,300 CFM
- 6 Filter cartridges
- Larger 15' X 15' robotic cell



Large:

- 5,500 CFM
- 10 filter cartridges
- Up to two robotic weld cells



Watch Spire™
in action!

Dust
Tray

ePro
Controls

Spire™ Features

Spire is engineered for easy operation, safety, and performance.

Deflector Plates: Protect the filters and provide even air distribution throughout the filter cabinet.

Pulsing System: Engineered to dislodge dust from the entire length of the filter pleats for extended filter life.

PleatLock Filters: Up to 35% more usable filter media to capture more particulate and allow for longer times between filter changes.

Easy Access Filter Cabinet: Tee latches make filter access easy with a simple turn.

ePro Controls: An easy-to-use, 7" full-color HMI Control Panel for easy operation.

eDrive™ Automatic VFD: Adjusts the motor RPM to compensate for filter loading, providing energy savings and extended filter life.

Safesensor™ Particulate Monitoring: Advanced particulate-monitoring device to detect filter by-pass.

Dust Containment: Large 15-gallon dust tray with simple pull-out mechanism for fast & easy emptying.

Clean Agent Gas Fire Suppression System – Option: Dual-stage clean agent system activated by smoke or heat.



[Download Spec Sheet](#)

Pair Spire with these great options.

Streamline Hood:

Recommended option for source capture.

A space-saving, modular hood system for robotic welding and more. The Streamline Hood encloses manufacturing processes to prevent dust and fumes from propagating through the facility. Low profile and lightweight, the modular system can be easily customized for any cell size and shape. Comes ready-to-assemble for fast, simple setup.



Other Hoods and Enclosures

Streamline Hood by RoboVent

Delta3™ Inline:

Recommended option for spark arrestance.

High-performance centrifugal spark arrester for control of sparks from cutting, grinding, welding, surface finishing, spark machining/EDM and more. Delta3 offers unbeatable spark arrestance with exceptionally low pressure drop. Engineered to fit inline with ductwork.



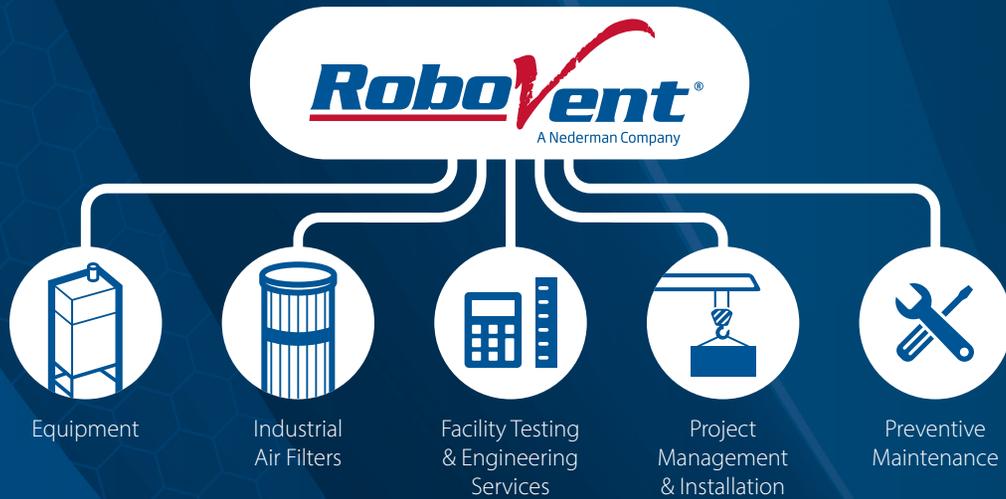


About RoboVent

Robovent is your turnkey provider for all your toughest clean air challenges. We provide end-to-end solutions, including facility, testing, system design and engineering, project management and installation, and preventative maintenance.

Contact us to talk about Spire.

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SPIRE

