

Spire Fact Sheet

Sparks are a natural byproduct of welding, grinding and metal cutting, and if left uncontrolled, one spark could lead to a fire that hinders production, and could harm employees and/or the facility. Additionally, poor air quality in welding stations can cause illnesses ranging from minor irritations to life-threatening diseases due to exposure to hexavalent chromium and manganese. To protect workers, equipment and facilities, companies must take important precautions to increase safety and minimize risk. While fume extraction and filtration systems are essential to providing a safe work environment, space can be tight and installing a large system is not always the most economical option.

Spire

In any manufacturing facility, floor space is precious and budgets can be tight, which is why Spire, a dust collection system, provides powerful filtration with the smallest footprint in the industry.

Spire was designed especially for the most common types of welding applications in the manufacturing industry. It is a flexible, cost-effective alternative to centralized ducted systems. Each Spire unit is designed to be tall and lean in order to fit into any production line without disturbing the plant layout, providing filtration for an individual welding cell. Spire is a powerful system that can keep up with the heavy demands of robotic welding in a high-production factory. Whenever the floor configuration changes, Spire is easy to move right along with the welding cell. Additionally, maintenance is simple and easily accessible, with no special tools needed to clean the dust collectors.



Features

- The Delta3™ SparkOut arrestance system provides superior spark arrestance and fire safety and a rugged cabinet design backed by a 15-year warranty. The Snaplock filter clamp provides an airtight seal for every filter.
- The proprietary eTell system, an advanced predictive control system for air quality equipment, comes standard with every unit.
- Based on the needs of the plant, there are options to include a dual-stage fire suppression system, and the option to monitor airflow and automatically adjust the motor RPM to compensate for filter loading.

RoboVent makes air quality easy in order to help companies improve the lives of those working in manufacturing. Systems such as Spire are designed to make facilities safer, healthier and more efficient, and were developed with careful thought into details including:

- Space-saving design
- Integrated fire safety
- Automated controls

For more information, please visit www.robovent.com/spire.