



Fire Prevention Awareness

Better Maintenance = Fewer Fires

1 CLEAN AND INSPECT YOUR SMOKE DETECTOR

- ✓ Remove the detector from its housing, inspect for damage and clean out with a can of compressed air. Once you reinstall it, turn your unit on and press the test button on the smoke detector. This should trigger a shut down. Power cycle the unit once the test is complete.

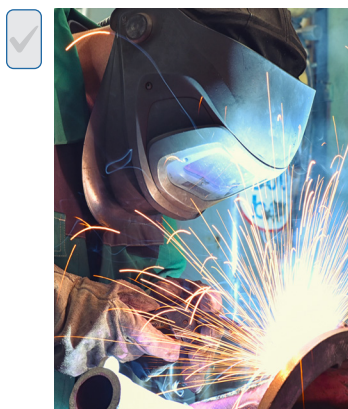


Airstream mounted



Control cabinet mounted

2 CONTAIN UNCONTROLLED SPARKS



If you have a station near your RoboVent unit that is cutting, grinding or welding and sparks are landing on or nearby, you run the risk of starting a fire that could make its way to the filters. It is strongly advised that you curtain off or contain the sparks. We are happy to advise on or install spark containment for you. Contact us anytime for information.

3 CHECK FIRE SUPPRESSION SYSTEMS

- ✓ All dust collectors should be equipped with an active fire suppression or fire extinguishing system, such as a water sprinkler system or a CO₂ gas or chemical fire suppression system. These systems must be inspected and maintained regularly in accordance with your owner's manual to ensure safety. If your dust collector does not have a fire suppression/extinguishing system installed, contact us for advice.

Note: The FM-200 clean agent gas system has been phased out due to the 2020 EPA AIM Act, which mandates reduction of hydrofluorocarbons (HFCs). If you have an existing clean agent gas system, you may leave it installed. Continue to maintain installed systems per manufacturer instructions.

Water Sprinkler System

- Check sprinkler heads for damage, dust, or obstructions and clean them regularly.
- Test water flow and ensure control valves are open.
- Monitor pressure gauges for normal readings.
- Schedule annual inspections by certified fire safety professionals to ensure the system is in full working order and compliant

CO₂ Gas System

- Check CO₂ nozzles for dust or debris blockages and clean nozzles regularly to ensure proper gas dispersion.
- Verify system pressure levels and inspect control panels for error codes.
- Ensure manual release mechanisms are easily accessible and operational.
- Test the system's alarms and control features.
- Schedule annual professional testing and refills of CO₂ tanks if needed.

Dry Chemical Power System

- Conduct monthly inspections to check:
 - Suppression unit is properly installed, manual actuators are unobstructed, and tamper indicator and maintenance tag/certificate are in place.
 - There is no visible damage or dirt accumulation on the unit or detection tubing that might prevent operation.
 - The pressure gauge is in the operable range.
 - Nozzle blowoff caps are intact and undamaged.
- Schedule a semiannual inspection with a certified Firetrace distributor.
- Examination of the dry chemical must be conducted at an authorized Firetrace service location at least once every six years. Powder must be replaced if it exhibits caking.

FM-200 Clean Agent Gas System

- Conduct monthly inspections to check:
 - The tank is securely mounted and free of obstructions.
 - There is no visible damage or dirt accumulation on the unit or detection tubing that might prevent operation.
 - The pressure gauge is in the operable range.
 - Nozzle blowoff caps are intact and undamaged.
- Schedule an annual inspection with a certified Firetrace distributor.



Fire Baffles and Metal Mesh

If your machine is equipped with Metal Mesh and Fire Baffle spark arrestance, it is recommended to have a complete second set in stock for a cleaning rotation.

- Remove metal mesh and fire baffles, be sure to note the order that they are in and the orientation of the baffles. Set the dirty set aside for cleaning.
- Vacuum out the track and area the mesh and baffles slide in using a shop vac equipped with a HEPA filter.
- Insert the clean set of mesh and baffles in the same order and orientation. The baffles should be inserted with the cupped side facing out to catch the sparks.



4 GENERAL HOUSEKEEPING



General housekeeping is an easy but often overlooked item.

Do not store flammable or combustible products near the spark generating processes or near the intake of the RoboVent.

5 CHECK AND CLEAN YOUR SPARK ARRESTORS

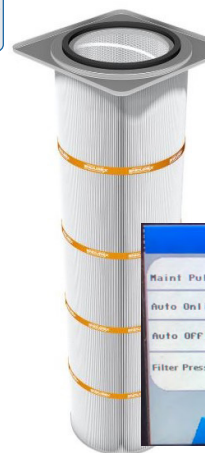


All spark arrestance devices need regular inspections and cleaned as needed. A clean spark arrestor is an effective spark arrestor.

Delta3's

Inspect inside Delta3 for dust build-up and clean with a brush. Use a long-handled brush to sweep build-up into the filter cabinet. The Delta3 is accessed through the top panel by loosening the ring clamp and removing the center bolt, then lifting by the two handles. Ensure inside walls of spark arrestor are clean and free of any build up to ensure continued function.

6 CHECK FILTER PRESSURE



Filter pressure plays an important role in not only keeping your air clean but also in keeping your spark arrestance effective. High filter pressure will cause a drop in air speed, potentially reducing the effectiveness of spark arrestance. Check your filter pressure daily and do not exceed your recommended threshold. For more information on what your filter pressure should be, please contact our Filter Team anytime.

