



Confined Space Ventilation Safety

Electric Ventilation Heater

Issue: Working in confined spaces occurs year round and in the winter months, can become extremely damp and cold. To maximize productivity and reduce downtime due to weather conditions, a moderate temperature must be maintained in the confined space work area. In confined space work involving coatings and paint, application temperature must be above 60°F and necessitates a stable, warm work area.

Application: To control temperatures in a confined space, an electric heater is used to warm the air prior to entering the confined space. From the blower discharge, a short 3 foot or 6 foot section of standard 8 inch ventilation duct is connected to the heater. Another section of duct is installed from the heater to either the top of the Saddle Vent® or directly into the confined space. Air, approximately 140°F, will be discharged from the heater and cools to approximately 100°-110°F at the end of 25 foot of duct.

Recommendation: The electric heater requires 230/1 VAC current to operate. **An internal safety switch is installed so the heater will not start until the blower is turned on.** A temperature switch is installed to keep the discharge temperature between 140°-180°F. The heater is provided with an 8" inlet and outlet flange to accommodate standard ducting. **The heater is not approved for use in hazardous locations.**

Product Features:

- Heater operates with blower only
- 8" inlet and exhaust flange
- Aluminum frame with steel control box
- Automatic start with blower running
- Built-in safety pressure switch
- Automatic thermal shutdown at 170° F
- 144°F output at exhaust, 112°F with 15' duct



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Description	ASI Item #
Electric Ventilation Heater - 7kw, 230/1 VAC, 28 amps, 23,900 BTU - 30 amp plug	SVF-7KW-8



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