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

SVF-7KW-8

27" L X 16" H X 15.5" W
40 lbs.

Air Flow

Ventilation Heater - 8" Duct Flange

Item No.	Description
SVF-7KW-8	8" Electric ventilation heater, 7kw, 230/1 VAC, 28 amps, 23,900 BTU - 30 amp plug
SVF-10KW-8	8" Electric ventilation heater, 10kw, 440/3 VAC, 15 amps, 34,145 BTU - user wired
SVF-15KW-8	8" Electric ventilation heater, 15kw, 440/3 VAC, 26 amps, 51,216 BTU - user wired

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