

SIDEWALL VENT HOOD

Model: SWH-1 - 4"-8"



READ THESE INSTRUCTIONS CAREFULLY AND COMPLETELY BEFORE PROCEEDING WITH THE INSTALLATION.

This device MUST be installed by a qualified agency in accordance with the manufacturer's installation instructions. The definition of a qualified agency is: any individual, firm, corporation or company which either in person or through a representative is engaged in, and is responsible for, the installation and operation of HVAC appliances, who is experienced in such work, familiar with all the precautions required, and has complied with all the requirements of the authority having jurisdiction.

Please retain these instructions after installation.

Installed By: _____ Phone: _____ Installation Date: _____



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This device should be installed in accordance with the National Fuel Gas Code ANSI Z223.1 (See Requirements Below) and any local codes which are applicable. All individual or multiple appliance vents must enter the vent system on the inlet side of the venter.

1. The exit terminals of mechanical draft systems shall be not less than 7' above grade when located adjacent to public walkways.
2. A venting system shall terminate at least 3' above any forced air inlet located within 10'.
3. The venting system of other than a direct vent appliance shall terminate at least 4' below, 4' horizontally from, or 1' above any door, window, or gravity air inlet into any building.
4. The vent termination of a direct vent appliance with an input of 50,000 BTU per hour or less shall be located at least 9" from any opening through which vent gases could enter a building, and such an appliance with an input over 50,000 BTU per hour shall require a 12" vent termination clearance. The bottom of the vent terminal and any air intake shall be located at least 12" above grade.
5. Power venter should be located as close as possible to the outside wall. Forced draft systems and all portions of induced draft systems under positive pressure during operation shall be designed and installed so as to prevent leakage of vent gases into building.
6. The vent termination point shall not be installed closer than 3' from an inside corner of an L-shaped structure, or not less than 12" above grade.
7. For proper ventilation and for reduction of combustion hazards, Class B type vent pipe is recommended for gas appliances and Class L type vent pipe for oil appliances.

INSTALLATION SAFETY INSTRUCTIONS

CAUTION: This device must be installed by a qualified installer in accordance with the manufacturer's installation instructions and applicable codes.

1. Plan the vent system layout to avoid the possibility of accidental contact with concealed wiring or plumbing inside of wall.
2. Single wall vent pipe may be used to join an appliance to the power venter, but if proper clearance cannot be maintained from combustible material or when passing through a side wall, Class B type vent pipe should be used for gas appliances and Class L type vent pipe for oil appliances.
3. The power venter should be installed as close to the termination of the vent system as possible to reduce effects of wind, and outlet blockage, and to guard against flue gas leakage. Vent pipe must be sealed on the positive pressure side of the venter. Pipe joints and seams should be sealed with a high temperature silicone adhesive sealant or equivalent. Test vent connections for leaks by using a soap solution as recommended by the National Fuel Gas Code: ANSI Z223.1, Section 4.11.
4. Vent hood inlet diameter should never be smaller than the installed vent pipe.

INSTALLATION

1. Use inside wall end plate as a template to mark hole location. Cut hole $\frac{1}{2}$ " larger than marked hole to facilitate easy installation.
2. Install vent hood through opening from outside. Fasten the vent hood to the outside wall with appropriate type mounting screws.
3. Fasten wall end plate to the inside wall with appropriate type mounting screws.
4. Install a properly sized vent pipe section into inner pipe of the vent hood. Seal the connection and all other vent pipe joints on the pressure side of the Power Venter with a high temperature silicone adhesive sealant or equivalent. Fasten vent pipe connection with three sheet metal screws or with other appropriate type mounting screws.

MAINTENANCE

The vent system should be inspected regularly at 3-month intervals.

1. Screened opening of vent hood should be free from foreign material and cleaned if necessary.
2. Check all vent system connections for leakage and re-seal where necessary.

Please refer to the owners manual for complete system installation and safety instructions, multiple venting systems, trouble shooting hints and maintenance instructions.

WARRANTY

For warranty about this or any Field Controls product, visit:
www.fieldcontrols.com/warranty



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