

Smith's Environmental Products B628330

Smith's Environmental Products Quiet-One Kickspace Fan Heater

Model: B628330 (KS2008, 8000 BTU)

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Smith's Environmental Products Quiet-One Kickspace Fan Heater, Model B628330. This unit is designed to provide supplemental heat by circulating hot water from your central heating system through a heat exchanger and distributing the warmth with an integrated fan. Please read all instructions carefully before installation and use.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in fire, electric shock, property damage, serious injury, or death.

- **Professional Installation Recommended:** Installation of this hot water fan heater requires plumbing and electrical connections. It is strongly recommended that installation be performed by a qualified plumber and a licensed electrician in accordance with all local and national codes.
- **Electrical Safety:** Ensure the unit is properly grounded. Disconnect power before servicing or performing any maintenance. Do not operate with a damaged cord or plug.
- **Water Safety:** Ensure all water connections are secure and leak-free. Do not operate if water leakage is detected.
- **Placement:** Do not block air intake or exhaust vents. Maintain adequate clearance around the unit for proper airflow.
- **Children and Pets:** Keep children and pets away from the unit during operation, as surfaces may become hot.
- **Flammable Materials:** Do not store or use flammable materials near the heater.
- **Intended Use:** This heater is designed for indoor use only, specifically for heating residential or commercial spaces. Do not use for drying clothes or other unintended purposes.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and undamaged. If any items are missing or damaged, contact your supplier immediately.

- Quiet-One Kickspace Fan Heater Unit (Model B628330)
- Installation and User Manual (this document)



Image 1: The Smith's Environmental Products Quiet-One Kickspace Fan Heater unit. This image shows the compact design of the heater, featuring a brown casing with a front grille for air output and a top grille for air intake.

4. SPECIFICATIONS

The following table outlines the key specifications for the Quiet-One Kickspace Fan Heater, Model B628330:

Feature	Specification
Brand	Smith's Environmental Products
Model Number	B628330 (KS2008)
Heat Output	8000 BTU
Heat Source Type	Hot Water (from central heating system)
Electrical Power (Fan)	120V
Special Feature	Noiseless operation
Color	Brown
Form Factor	Cabinet / Kickspace
Indoor/Outdoor Usage	Indoor
Product Dimensions (D x W x H)	10.88" x 13.88" x 3.5"
Mounting Type	Floor Mount (Kickspace)
Room Type	Bedroom, Living Room, Kitchen (under cabinet)
Item Weight	15 pounds
Approvals	UL, CSA, RTS



Image 2: The Smith's Environmental Products Quiet-One Kickspace Fan Heater with its key dimensions labeled. The image clearly shows the depth (10.88"), width (13.88"), and height (3.5") of the unit, essential for installation planning.

5. INSTALLATION AND SETUP

IMPORTANT: Installation must comply with all local and national electrical and plumbing codes. It is highly recommended that a qualified professional perform the installation.

5.1 Site Selection

- Choose a location with sufficient space for the unit (refer to dimensions in Section 4) and adequate clearance for air circulation.
- Typically installed in a kickspace under cabinets, stairs, or other confined areas.
- Ensure the location allows for easy access for maintenance and servicing.

5.2 Plumbing Connections

- This unit connects to your existing hot water heating system.
- Connect the supply and return lines from your heating system to the heater's heat exchanger connections.
- Use appropriate fittings and sealants to ensure watertight connections.
- Bleed air from the system after filling to ensure proper water flow.

5.3 Electrical Connections

- The unit requires a 120V electrical supply to power the fan.
- Connect the heater to a dedicated, grounded electrical circuit protected by a fuse or circuit breaker of the appropriate rating.
- Follow all wiring diagrams provided with the unit (if applicable) and adhere to local electrical codes.
- Ensure all connections are secure and insulated.

5.4 Final Checks

- Verify all plumbing connections are free of leaks.

- Confirm all electrical connections are secure and correctly wired.
- Ensure the unit is properly mounted and stable.
- Check that air intake and exhaust grilles are unobstructed.

6. OPERATION

Once properly installed and connected, operating your Quiet-One Kickspace Fan Heater is straightforward.

- **Power On:** Ensure the electrical supply to the unit is switched on.
- **Thermostat Control:** The heater typically operates in conjunction with your central heating system's thermostat. When the room temperature drops below the thermostat setting, the central heating system will circulate hot water to the unit, and the fan will activate to distribute the heat.
- **Fan Speed (if applicable):** Some models may feature a fan speed switch (e.g., Low/High). Adjust this switch to your desired airflow and noise level. Refer to any specific controls on your unit.
- **Shut Down:** To turn off the heater, simply turn off the central heating system or switch off the electrical supply to the unit.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your heater.

- **Cleaning:** Periodically clean the air intake and exhaust grilles to prevent dust and debris buildup, which can restrict airflow and reduce efficiency. Use a soft brush or vacuum cleaner.
- **Filter (if applicable):** Some models may include an air filter. Check and clean or replace the filter as recommended in specific product documentation.
- **Annual Inspection:** It is advisable to have a qualified technician inspect the unit annually, especially before the heating season, to check for leaks, electrical connections, and overall operational integrity.
- **Do Not Lubricate:** The fan motor is typically permanently lubricated and does not require additional oiling.

8. TROUBLESHOOTING

If you encounter issues with your heater, refer to the following common problems and solutions. If the problem persists, contact a qualified technician.

Problem	Possible Cause	Solution
No heat output	No hot water circulating; Thermostat not calling for heat; Air in heating system; Blocked heat exchanger.	Check central heating system and thermostat settings; Bleed air from the heating system; Contact a plumber.
Fan not operating	No electrical power; Fan motor failure; Thermostat not calling for heat.	Check circuit breaker/fuse; Ensure unit is plugged in; Verify thermostat setting; Contact an electrician or service technician.
Reduced airflow	Blocked grilles; Dirty filter (if applicable).	Clean grilles; Clean or replace filter.
Unusual noise	Loose components; Fan obstruction; Motor bearing wear.	Inspect for loose parts; Clear any obstructions; Contact a service technician for motor issues.

Problem	Possible Cause	Solution
Water leakage	Loose plumbing connections; Damaged heat exchanger.	Tighten connections; Immediately shut off water supply and contact a qualified plumber.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or visit the official Smith's Environmental Products website. If you require technical assistance, replacement parts, or service, please contact Smith's Environmental Products customer support directly. Ensure you have your model number (B628330) and purchase date available when contacting support.

Contact Information: Please refer to the manufacturer's official website or your purchase documentation for the most current contact details.