

[Manuals.plus](#) /

› [RadonAway](#) /

› RadonAway XP201 Radon Mitigation Fan User Manual

RadonAway XP201

RadonAway XP201 Radon Mitigation Fan User Manual

Model: XP201 | Brand: RadonAway

INTRODUCTION

The RadonAway XP201 radon fan is a reliable and effective solution designed for most radon mitigation applications. Engineered with a unique motor and impeller, this fan offers exceptional durability and operates quietly. RadonAway fans are specifically designed for radon mitigation systems, providing superb performance in an unobtrusive manner. The XP/XR Series fans are ideal for both commercial and residential sub-slab radon mitigation systems.

SAFETY INFORMATION

Always prioritize safety during installation, operation, and maintenance. This device operates on 120 Volts and should only be installed by qualified personnel in accordance with all local and national electrical codes. Ensure proper grounding. Do not operate the fan if it is damaged or if the power cord is frayed. Disconnect power before performing any service or maintenance. Sealing all connections properly is crucial to prevent radon leakage. This fan is ETL Listed for indoor or outdoor use.

PRODUCT OVERVIEW

The RadonAway XP201 fan is a robust unit designed for efficient radon mitigation. Key features include:

- Low energy consumption, Low-profile design
- Quiet operation
- Water-hardened, thermally protected motor
- Seams sealed to inhibit radon leakage
- Meets all electrical code requirements
- ETL Listed - for indoor or outdoor use
- Rated for commercial and residential use



Figure 1: Front view of the RadonAway XP201 Radon Mitigation Fan.



Figure 2: Side view of the RadonAway XP201 fan, showing product label with specifications.

SETUP AND INSTALLATION

Installation of the RadonAway XP201 fan should be performed by a professional to ensure proper sealing and electrical connections. The fan is designed to integrate into existing or new PVC piping systems. It mounts directly onto the PVC pipe, secured by hose clamps at both the inlet and outlet. Ensure all connections are airtight to prevent radon re-entry into the living space.

The fan requires a 120V power supply. The electrical wiring must be connected to the fan's junction box. This unit does not come with a pre-attached power cord; wiring must be done by a qualified electrician. Proper support for the fan and associated piping is recommended to minimize vibration and ensure long-term stability.



Figure 3: Angled view of the RadonAway XP201 fan, highlighting its compact design.

OPERATING INSTRUCTIONS

Once properly installed and powered, the RadonAway XP201 fan operates continuously to create a negative pressure field beneath your home's foundation, drawing radon gas from the soil and venting it safely outdoors. The fan is designed for quiet operation, with most audible noise typically coming from the air moving through the exhaust system rather than the fan motor itself. Regular monitoring of your radon levels with a certified radon detector is recommended to ensure the system is functioning effectively and maintaining safe indoor air quality.

MAINTENANCE

The RadonAway XP201 fan is designed for long-term, maintenance-free operation. However, periodic checks are advisable:

- **Visual Inspection:** Annually inspect the fan and all associated piping for any visible damage, cracks, or loose connections.
- **Seal Integrity:** Check the integrity of all sealed joints and connections. Re-seal if any leaks are detected.
- **Noise Levels:** While designed for quiet operation, an increase in noise or unusual sounds may indicate an issue.

- **Radon Levels:** Continue to monitor radon levels in your home as recommended by local health authorities.

For any significant issues or repairs, it is recommended to contact a certified radon mitigation professional.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan not operating (no sound, no airflow)	No power, tripped circuit breaker, faulty wiring, fan failure.	Check power outlet and circuit breaker. Verify electrical connections. If power is present and connections are secure, fan may need replacement. Consult a professional.
Increased noise or vibration	Loose mounting, debris in fan, fan bearing wear.	Ensure fan is securely mounted. Inspect for debris in the fan or piping (disconnect power first). If noise persists, fan may be failing and require replacement.
Radon levels remain high	System leaks, inadequate suction points, fan malfunction, new radon entry points.	Check all system seals for leaks. Verify fan operation. Consult a certified radon mitigation professional for system evaluation and potential modifications.

SPECIFICATIONS

Model Number: XP201

Brand: RadonAway

Style: 112 CFM

Product Dimensions: 10"D x 10"W x 10"H

Weight: 5 Pounds

Power Source: Corded Electric

Voltage: 120 Volts

Electric Fan Design: Exhaust Fan

Color: White

Recommended Uses: Indoor, Outdoor

Manufacturer: RadonAway

First Available Date: May 20, 2009

WARRANTY AND SUPPORT

RadonAway products are known for their quality and durability. For specific warranty information and technical support, please refer to the official RadonAway website or contact their customer service directly. It is important to note that warranty terms may vary based on whether the product was self-installed or installed by a licensed professional.

For further assistance, you may also consult the [RadonAway Brand Store on Amazon](#).