

What Your Radon System Warranty Covers and Why It Matters

When you buy a radon mitigation system for your home, you are making an investment in your family's health. But a fan and vent pipe assembly is also a mechanical system, and like any mechanical system, parts can wear out. That is why the radon system warranty matters just as much as the installation itself. Over the years, I have seen homeowners in Jefferson County assume that a warranty is just a piece of paper. In reality, it is a promise that can save you hundreds of dollars if something goes wrong a few years down the road.

Most people do not think about warranties until they need one. I have visited homes in Arnold where the radon fan started making a grinding noise after three years, and the homeowner had no idea whether the repair would be covered. Others in Festus have called me after a lightning strike took out their system, wondering if the warranty would apply. The answers depend entirely on the fine print of your radon system warranty. Understanding what is covered, what is not, and how long the coverage lasts can prevent surprises and keep your system running for its full service life.

What a Typical Radon Mitigation Warranty Includes

A standard warranty on a radon mitigation system usually covers the radon fan itself for a set period. Most quality fans, like the RadonAway RP145 or the FanTech Radon units, come with a five-year manufacturer warranty. That means if the fan motor fails or the impeller breaks under normal use, the manufacturer will replace it at no cost to you. But that coverage usually applies only to the fan, not to the rest of the system. The radon vent pipe, the exterior vent cap, and the manometer are often covered for a shorter period, typically one year, or not covered at all if the damage is from weather or impact.

Some installers, including Air Sense Environmental, back their work with a separate labor warranty. That covers the cost of someone coming out to diagnose the problem and swap the fan. Without that labor coverage, even a free replacement fan can cost you a couple hundred dollars in service call fees. Always ask whether the [radon system warranty](#) includes labor or just parts. The difference can be significant, especially if your system is hard to access, like one installed in a crawlspace or under a deck.

Common Exclusions and What They Mean for You

Warranties have limits. A typical radon system warranty does not cover damage from lightning strikes, power surges, flooding, or physical abuse. If a lawnmower throws a rock into your exterior vent pipe and cracks it, that is on you. If a rodent chews through the wiring of your

continuous radon monitor, that is also not covered. These exclusions make sense from the manufacturer's perspective, but they are worth knowing ahead of time so you can take precautions.

For example, installing a surge protector on the dedicated circuit that powers your radon fan can prevent a power surge from voiding your warranty. Keeping the area around the vent pipe clear of debris and tall grass reduces the chance of impact damage. And if you have a radon test kit or a continuous radon monitor plugged into a standard outlet, make sure it is on a surge protector too. I have seen more than one Sure Screen digital monitor get fried by a surge, and the warranty did not cover it because the damage was electrical, not a manufacturing defect.

Another common exclusion is damage from improper installation. If you hire an unlicensed handyman to install a system and they use the wrong size pipe or fail to seal the sub-slab depressurization system correctly, the manufacturer may deny the warranty claim. That is why it is worth working with a certified professional like Air Sense Environmental, who follows the manufacturer's specifications to the letter. A valid warranty is only useful if the installation was done right in the first place.

What to Look For in a Radon System Warranty

When you are shopping for a radon mitigation system, or if you already have one and want to check the coverage, here are a few things to look for in the warranty document:

- The length of coverage for the radon fan. Five years is standard for quality brands like RadonAway and HomeAire.
- Whether labor is included or separate. Some installers offer a one-year labor warranty, others offer longer.
- What parts are covered beyond the fan. The manometer, the radon vent pipe, and the exterior cap should be listed.
- Whether the warranty is transferable if you sell your home. A transferable radon system warranty can be a selling point.
- The process for filing a claim. Do you call the installer first, or the manufacturer? Is there a fee for diagnosis?

I recommend keeping a copy of the warranty and the installation invoice in a folder near your electrical panel or in a home file. Also take a photo of the manometer reading right after installation, so you have a baseline. If the system ever stops pulling a vacuum, that photo helps the technician compare the current reading to the original performance.

How the Warranty Relates to System Maintenance

A warranty is not a substitute for routine checks. Even the best radon mitigation system needs a little attention. Every few months, look at the manometer to make sure it is still showing a negative pressure. If the fluid level drops to zero, the fan may have failed or the pipe may be blocked. A quick visual check takes ten seconds and can catch a problem before it becomes a warranty claim.

Also listen to the radon fan. If it starts making a hum or a rattle that was not there before, call your installer. A fan that is failing often gives audible warning signs before it stops completely. Catching it early means you can file a warranty claim while the fan is still under coverage, rather than after it has died and the warranty has expired. I have seen homeowners in High Ridge and Hillsboro wait too long, and then they had to pay for a replacement out of pocket because the five-year window had closed.

The Role of the Installer in Warranty Service

Your relationship with the installing company matters. A good installer, like Air Sense Environmental, will handle the warranty claim on your behalf. They know which manufacturer to call, what documentation is needed, and how to get the replacement shipped quickly. They also have the expertise to diagnose whether the problem is a failed fan, a loose connection, or something else entirely. Trying to file a warranty claim yourself can be frustrating if you do not have the technical details handy.

I have worked with homeowners in Jefferson County who bought a system online and tried to install it themselves. When the fan failed after two years, they called the manufacturer and were told the warranty was void because the installation did not meet their specifications. That is a hard lesson. The radon system warranty is only as strong as the installation behind it. Paying a professional to do the job right the first time protects your coverage and gives you someone to call when something goes wrong.

Extended Warranties and Transferability

Some manufacturers and installers offer extended warranties for an additional cost. For example, you might be able to buy an extra two years of coverage on a RadonAway RP145 fan, bringing the total to seven years. Whether that is worth it depends on the cost of the fan and how long you plan to stay in the home. A fan that costs \$200 might not be worth insuring for an extra \$50, but a high-end HomeAire system with a more powerful fan could justify the expense.

If you sell your home, a transferable radon system warranty can add value. Buyers in Arnold and Festus are increasingly aware of radon risks, and seeing a documented warranty that transfers to them gives confidence that the system was installed properly and will be

supported if issues arise. Make sure the warranty document says "transferable" explicitly, and check whether there is a fee to transfer it. Some manufacturers charge a small administrative fee; others do it for free.

In summary, the radon system warranty is not just a formality. It is a practical tool that protects your investment and gives you peace of mind. Read it before you sign, keep it in a safe place, and know what is covered and what is not. A little upfront attention to the warranty details can save you time, money, and frustration later. And if you have questions, do not hesitate to ask your installer. A professional company like Air Sense Environmental will be happy to explain every term, so you know exactly what you are getting.