

# RADON FACTS

The U.S. EPA estimates that nearly 1 out of every 15 homes has elevated radon levels. In some states and counties, elevated radon occurs in more than 1 of every 2 homes.

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## What is radon?

Radon is a colorless, odorless radioactive gas that is naturally produced by the decay of uranium in soil and rock and then released into air and water. Radon levels are measured in picocuries per liter (pCi/L).\*

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## How can radon get into a home?

Radon seeps into your home from the ground beneath it. It can also be released into your home from well water or building materials that contain radon. Because they are closer to the ground, basements and first floors typically have the highest radon levels.

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## Can radon get into a new home?

Radon can enter any home, old or new, even those with no visible cracks. In fact, radon levels can be higher in newer, well insulated, tightly sealed homes. The only way to know if your home has elevated radon levels is to test for it.

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## How does radon cause cancer?

Radon, the number one cause of lung cancer in nonsmokers, decays quickly, breaking down into tiny radioactive particles that, when inhaled, can damage the cells that line the lung. Long-term exposure can lead to lung cancer.

Test every home for radon.  
Get a test kit at [RadonisReal.org](http://RadonisReal.org)

\*The U.S. EPA recommends fixing your home if the radon level tests above 4.0 pCi/L, and says to consider fixing if over 2.0.

# ADDITIONAL RESOURCES



## Radon Informational Video

Scan this QR code to watch a quick video on radon and the components of an ASD System.

You can also watch this video at [RadonisReal.org](http://RadonisReal.org)



## Radon Fan Replacement Guide

If your current fan has failed and you are looking for a replacement, we have the guide for you.

To view a comprehensive list go to [RadonAway.com/replace](http://RadonAway.com/replace)



## Fan Cost Calculator

A radon fan can cost only pennies a day to operate. Estimate system energy use at:

[RadonAway.com/calculator](http://RadonAway.com/calculator)



## Find a Professional

A radon mitigation system, when properly installed, will reduce radon in nearly every home.

For referral to a professional, go to [RadonAway.com/FindPro](http://RadonAway.com/FindPro)



[reliableradonpro.com](http://reliableradonpro.com)



# LEARN THE FACTS ABOUT RADON

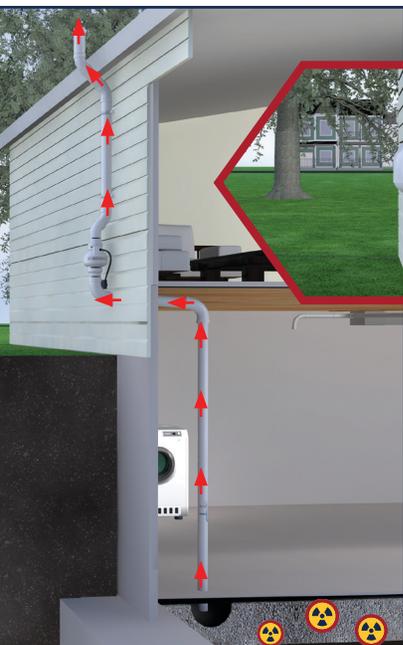
It's the #1 environmental health hazard, causing 21,000 deaths in the U.S. per year.



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Typically, a radon system can be installed in less than a day at a cost far less than most major home repairs. Yet, it is one of the most important repairs you can make for the health and safety of you and your family.



Typical Outdoor Installation

Protect your family. If your home tests high for radon, fix it now.

# SIX STEPS TO REDUCING RADON IN YOUR HOME

The most widely accepted and commonly used method for reducing radon in homes is the installation of an Active Soil Depressurization (ASD) system, which acts similarly to a vacuum cleaner, drawing the radon from beneath the home and venting it safely above the roofline. When installing an ASD system, a radon professional will:

1. **Seal** all cracks (including covering dirt crawlspaces if necessary).
2. **Drill** one or more draw (or suction) points through the slab or crawlspace membrane deep enough into the soil below to provide the ability to depressurize the home.
3. **Vent** by installing a PVC pipe from the draw point up through the interior or on the exterior of the home to above the roof.
4. **Activate** with a RadonAway radon fan attached to a dedicated electric circuit.
5. **Monitor** with a u-tube manometer that allows the homeowner to see whether the system is operating.
6. **Retest** the radon level within 30 days to ensure that the radon level is reduced. Test again every 2 years, at minimum.



Whether or not you have a radon system in your home, remember to test the radon level at least every two years or earlier, particularly if you have done any remodeling or renovations.



1. RadonAway® radon fan

2. Specially sized fan power cord

3. Flexible couplings to attach the fan to the pipe

4. U-tube manometer to monitor system operation