

Treatment Systems: Reduce Air Radon Levels in Your Home

Radon Tipsheet #6



High levels of radon in air are a serious danger to family health.

Radon is the 2nd leading cause of lung cancer. Studies in thousands of homes around the world show radon causes lung cancer at levels like those found in Maine. High levels of radon gas occur naturally in Maine soil and water, and can move up into a house from the ground. The house then traps the radon in the air inside. If you have tested and your **air test number** is:

- **4 or higher**
You need a treatment system (registered contractor list on back).
- **Between 2 and 4** – maybe treat
Call us to discuss: 1-800-232-0842.
- **Below 2** and you tested in cold weather with the heat on—retest in 3 to 5 years. If you tested in warmer weather when heat is off, test again in cold weather when heat is on.

Here's the good news: Radon air treatment systems work well to bring the level down to safer levels, no matter how high the levels are to start.

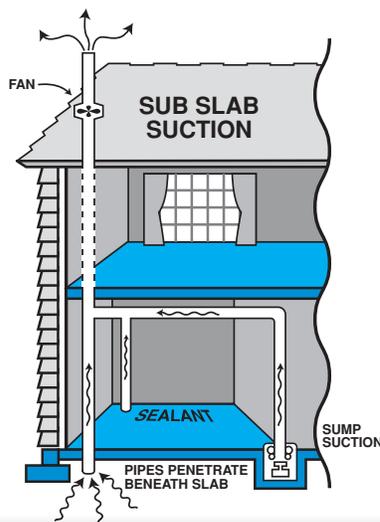
If you have well water, be sure you test the water and know both well water and air results before you plan any treatment system.



For homes with concrete basements or slabs, ASD systems work well - Active Subslab Depressurization

ASD - Active Subslab Depressurization is a simple, effective system for houses with basements or slabs. It's also the least costly. The picture below shows an example. One or more pipes are sunk through the basement floor. These pipes are connected to a fan near the top of the house that draws the radon out like a vacuum cleaner. The radon is released into the air above the house where it will be diluted to low levels. Cracks and other openings in the foundation should be sealed at the same time a treatment system is installed.

There are other methods to reduce radon that a contractor might advise, depending on your situation. If you need more information or help deciding what to do go to this website: www.MaineRadiationControl.org or call : 1-800-232-0842.



For homes built over dirt-floored crawlspace or basement, submembrane depressurization or HRV systems work well

Submembrane Depressurization is a simple, effective system for houses with dirt floored crawlspaces or basements. Heavy plastic sheeting is placed on the dirt. One or more pipes are sunk through the plastic. These pipes are connected to a fan near the top of the house that draws the radon out like a vacuum cleaner. The radon is released into the air above the house where it will be diluted to low levels .

HRV – Heat Recovery Ventilator can also be used for houses with dirt floored crawlspaces or basements. These systems take air from outside, warm the air and use it to dilute the radon.

Use a contractor registered in Maine to install your treatment system. See the list on back.

Contractors in Maine must be trained and registered to fix radon problems. These systems typically cost between \$1,500 and \$3,000 including installation. Get Radon Tipsheet #8 *Working with a Registered Radon Reduction Expert* at the website below.

Protect your family. Learn. Test. Treat if needed.

- Check this website: www.MaineRadiationControl.org
- Call for advice: 1-800-232-0842 • TTY: 800-606-0215



Maine Center for Disease
Control and Prevention
An Office of the
Department of Health and Human Services

John E. Baldacci, Governor
Brenda M. Harvey, Commissioner

October 2008

CONTRACTERS REGISTERED TO PROVIDE RADON AIR TREATMENT

(Ordered by Registration renewal date- top left renewed first, bottom right renewed last)

Water Treatment Equipment Co
Yarmouth, Maine
800-328-7328
Maine Radon ID # ME02800C

Air and Water Quality, Inc.
Freeport, Maine
800-698-9655
Maine Radon ID # ME00500C

Alltrades, Inc.
Garland, Maine
207-924-5650
Maine Radon ID # ME23100C

Northeast Radon
Yarmouth, Maine
207-846-0709
Maine Radon ID # ME09600C

The Water Doctors, LLC
Bath, Maine
207-443-8080
Maine Radon ID # ME22500C

Civil Engineering Services, Inc.
Brewer & Presque Isle, Maine
207-989-4824 (Brewer)
207-764-8412 (Presque Isle)
Maine Radon ID # ME03100C

Radon Done Right, LLC
Lewiston, Maine
866-997-2366
Maine Radon ID # ME19900C

Radon Removal Systems
Westbrook, Maine
800-640-8889
Maine Radon ID # ME02300C

Safe Water and Air
Raymond, ME
207-892-5550
Maine Radon ID # ME22100C

Aaron Radon Mitigation
Saco, Maine
207-282-6026
Maine Radon ID # ME20300C

The Maine Radon Mitigation
Company, LLC
Hamden, Maine
207-249-8726
Maine Radon ID # ME21900C

Safe Home Environment
Bangor, ME
207-941-9515
Maine Radon ID # ME05000C

Henningsen Inspections, LLC
Eliot, Maine
207-730-1686
Maine Radon ID # ME20500C

Maine Coast Construction
Camden, Maine
207-236-6000
Maine Radon ID # ME01400C

Aroostook Radon Services
Presque Isle, ME
207-540-1080
Maine Radon ID # ME24100C

Radon Systems LLC
E. Waterboro, Maine
207-247-8181
Maine Radon ID # ME13100C

Western Maine Radon
Bethel, Maine
207-890-6637
Maine Radon ID # ME23300C

Norlen's Water Treatment Service
Orrington, Maine
207-825-4964
Maine Radon ID # ME03000C

Maine Professional Inspections
Chelsea, Maine
207-623-2251
Maine Radon ID # ME14100C

Radon Rangers, Inc.
Denmark, Maine
207-452-8378
Maine Radon ID # ME22600C

Aqua-Max of Maine
Lewiston, Maine
207-782-1005
Maine Radon ID # ME19500C

Updated 02/22/10
Registrations Valid to 10/1/10
Some companies may have
registered since this update.
For a current list see
www.MaineRadiationControl.org
Please call **1-800-232-0842** or
email radon.dhhs@maine.gov
to let us know if you have a
problem contacting a company
listed here.

Remember: Maine Law requires that electrical or plumbing work for a radon system must be installed by a licensed electrician or plumber.

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 - Call for advice: **1-800-232-0842** • TTY: **800-606-0215**
- Email questions to radon.dhhs@maine.gov

