

What is Radon Gas?

Breaking down the data behind this invisible killer.

Radon is a cancer-causing, radioactive gas.

The Surgeon General has warned that long term exposure to **radon gas** is the second leading cause of lung cancer in the United States today.

You cannot see, smell, or taste radon and it may be a problem in your home.



STATISTICS

#1 CAUSE OF LUNG CANCER
In **NON-SMOKERS**

HOMES

1 in 7 Homes in VERMONT Have a **RADON** problem

RESEARCH

50 YEARS STUDYING MINERS SHOWING AN **INCREASE** IN **LUNG CANCER** WITH EXPOSURE TO **RADON GAS**

RISK

 **Lung Cancer Risk INCREASES** Over a **LIFETIME** of **EXPOSURE**

CONSTRUCTION

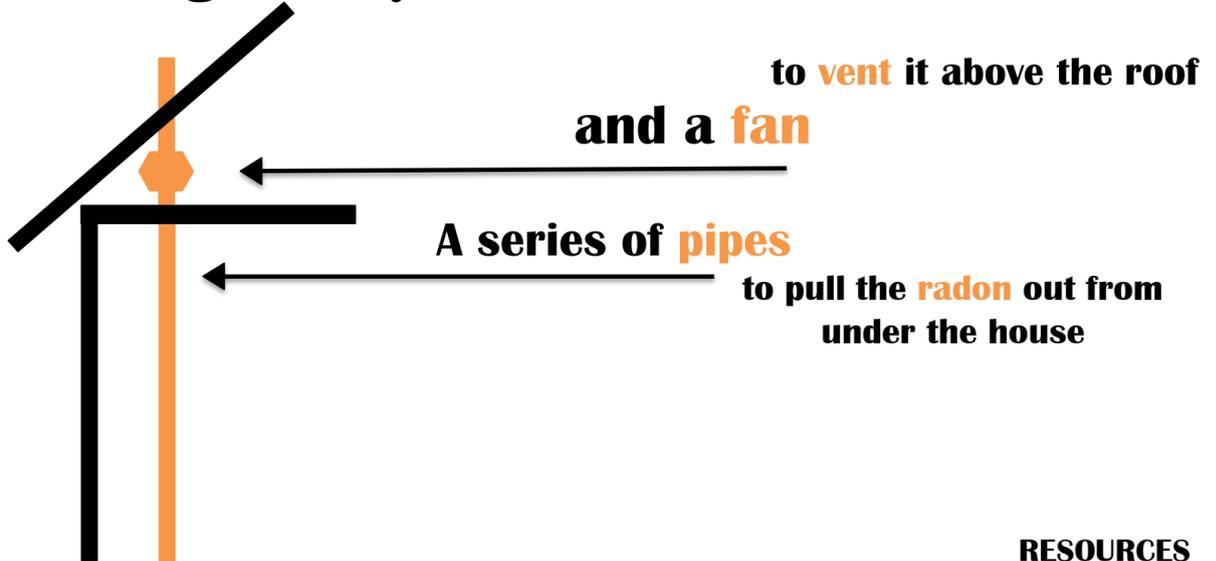
 **Old homes**
New Homes
Basement
Slab on grade
ALL have the potential for **RADON** to enter

PROTOCOL

- ✓ Short term **radon** tests take 3-5 days.
- ✓ All windows and doors must remain **closed** during the test (except for normal exit & entry). Winter is the perfect time to test!
- ✓ Homeowners place test kit in **lowest** lived-in level.
- ✓ Home **sellers** place test kit in lowest level that could potentially be used.

FIX

Radon Mitigation System



RESOURCES



Criterion-Lalancette & Dudka Engineers
802-747-4535
www.criterion-lalancette-dudka.com
www.facebook.com/CriterionLalancetteEngineers

American Association of Radon Scientists & Technologists - National Radon Proficiency Program
www.aarst-nrpp.com

EPA Radon Program
www.epa.gov/radon

Vermont Department of Health Radon Program
www.healthvermont.gov/radon

GEOLOGY

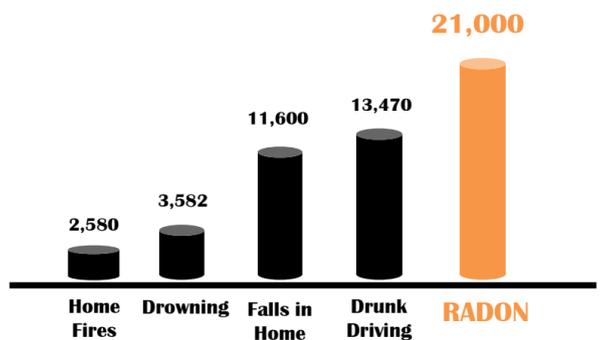


Naturally Occurring Radioactive Gas
Released from decaying **URANIUM**
Prevalent in rocky areas with **Slate & Granite**
Rises through the soil and gets trapped inside your home

CHARACTERISTICS

INVISIBLE
ODORLESS
TASTELESS

DEATHS PER YEAR



MEASUREMENT

EPA action level at this level and above it needs to be **FIXED**

4 pCi/L
(picoCuries per liter)

TEST



- Purchase a test kit online through a **certified** lab like accustarlabs.com
- Request a **FREE** test kit through the State of Vermont: healthvermont.gov/radon
- Hire a **certified** radon professional