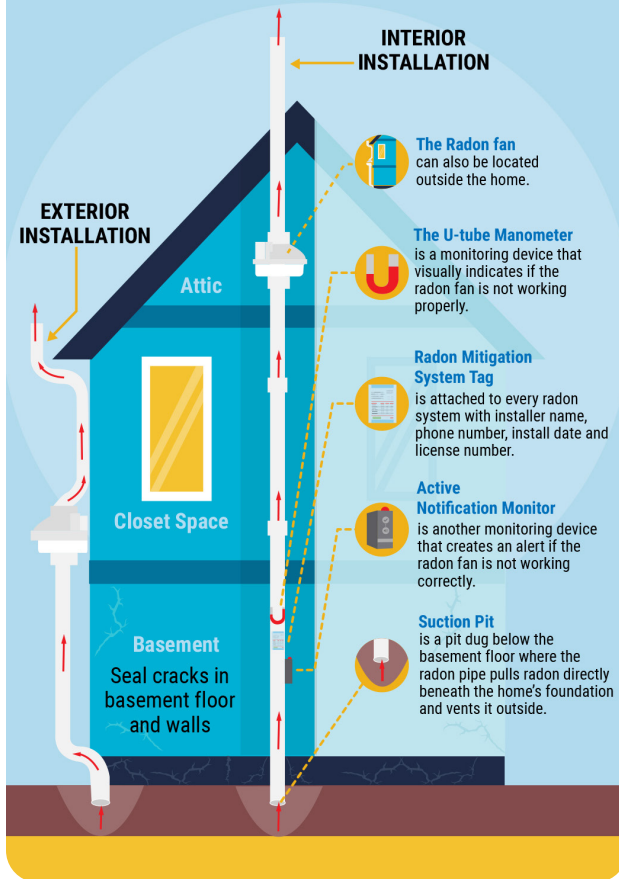


# Radon System Diagram



## QUICK TIPS FOR YOUR SYSTEM

- Visually inspect system monitors once a month
- Retest your radon levels after system installation and at least every two years.
- Allow your radon fan to run continuously.
- If an issue arises, call your radon professional, whose contact information is listed on the back of this OM&M.
- Keep this OM&M in a waterproof bag near your radon mitigation system for future reference.

## IMPORTANT INFORMATION ABOUT YOUR RADON SYSTEM

Homeowner: Please retain for your records. If you have any questions or problems regarding your radon system, please consult the radon professional listed below.

MITIGATOR INFORMATION
COMPANY NAME:
CERTIFICATION/LICENSE #:
ADDRESS:
CITY, STATE, ZIP:
PHONE:
EMAIL:
WEBSITE:
SYSTEM INFORMATION
DATE INSTALLED:
FAN MODEL:
EST. OPERATING COST:
U-TUBE READING:
PRE-MITIGATION RADON LEVEL (PCI/L):
POST-MITIGATION RADON LEVEL (PCI/L):

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## RADON REDUCTION SYSTEM OPERATION, MAINTENANCE, AND MONITORING (OM&M) MANUAL



A radon mitigation system has been installed in this building to reduce radon levels. Please read and retain this document to fully understand how your radon system works, and to understand what to do when your system is not working properly. As the homeowner, you are responsible for making sure that your system is operating correctly, ensuring that the radon levels are tested after the radon system has been installed, and retesting the radon levels at least every two years, and after undertaking any significant home renovations.

## OVERVIEW OF YOUR RADON MITIGATION SYSTEM

### What is Radon?

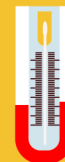
Radon is a colorless, odorless, radioactive gas that is naturally found in Earth's soil all over the world. It is also the second leading cause of lung cancer. When radon seeps into homes through foundation cracks and microscopic holes, it settles in basements and crawlspaces and cannot rise due to its heavy atomic weight. No home is radon proof, but with radon-specific fans, the harmful gas can be removed, buildup prevented, and your loved ones kept safe.

This home utilizes an active soil depressurization (ASD) system. It draws radon from the air below the building through a PVC pipe and vents it to the outside above the roof. This system uses a continuously running fan to draw the radon up through the pipe and prevent it from entering the home. The radon fan may be located in the attic, the garage attic, or on the exterior of your home. Take note of the location of your fan and the fan monitor(s) on your mitigation system.

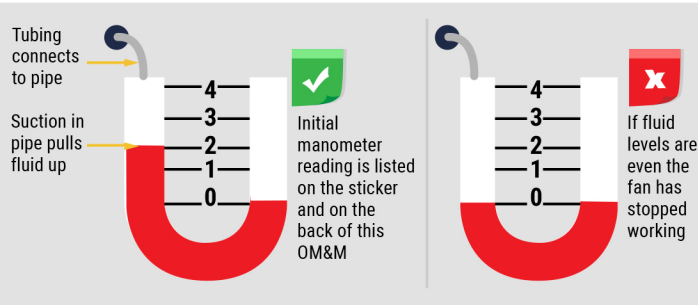
**IMPORTANT: PLEASE TAKE NOTE YOUR RADON FAN SHOULD NEVER BE TURNED OFF UNLESS ADVISED BY YOUR RADON CONTRACTOR. IT MUST RUN CONTINUOUSLY FOR THE SYSTEM TO WORK PROPERLY.**

# MONITORING YOUR SYSTEM

## Your radon mitigation system comes with two fan monitors

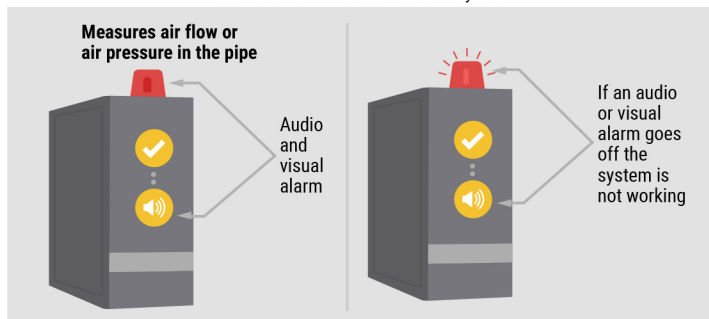


### U-Tube Manometer

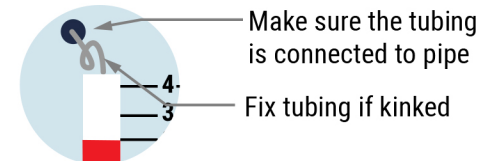


### Active Notification Monitor

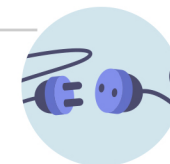
Some states who follow ANSI-AARST standards require two different monitors on the installed radon system



## What to do when the manometer shows the system is not working

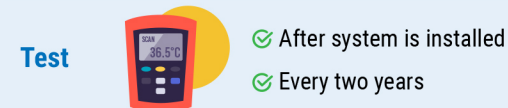
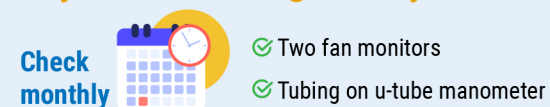


Make sure power is being supplied to the radon fan



If tubing is fixed and power is being supplied to the fan, contact the installer to service your radon mitigation system.

## Maintaining your radon mitigation system



## ESTIMATED ANNUAL ENERGY COSTS

Radon fans continuously use electricity. Below are estimated costs to run a radon fan based on a price of \$0.10 per kilowatt hour (kwh). This does not include additional energy costs that may occur because heated or cooled air from the building is vented to the outside by the radon mitigation system through unsealed openings to the soil.

Small Fan (20 watts): \$17.47 per year      Large fan (150 watts): \$131.04 per year  
 Medium Fan (60 watts): \$52.42 per year      Extra large fan or stacked fans (300 watts): \$262.08 per year

If you have any questions or issues regarding your radon mitigation system, please contact your radon mitigation professional.