

Radon Measurement Report

PROPERTY INFORMATION



Address:	<input type="text"/>
Building Year:	1997
Ventilation Type:	Standard Makeup Air
Building Type:	Ranch
Foundation Type:	Stem Wall Construction
Radon Mitigation System:	Active

TEST INFORMATION



Average Radon Level:	8.9 pCi/L
Dataset Name:	<input type="text"/> Basement
Measurement Type:	Initial
Start Date:	Jan 11, 2024, 10:33 p.m. EST
End Date:	Jan 14, 2024, 10:33 p.m. EST
Measurement Duration:	72h
Test Delay:	8h
Floor/Level:	Basement
Room:	Basement
Comment:	No comments documented.

MEASUREMENT SUMMARY



LEVEL OF RADON

MINIMUM
4.1 pCi/L

AVERAGE
8.9 pCi/L

MAXIMUM
13.7 pCi/L



TEMPERATURE

MINIMUM
61.9 °F

AVERAGE
62.3 °F

MAXIMUM
62.6 °F



HUMIDITY

MINIMUM
45.5 %rH

AVERAGE
48.8 %rH

MAXIMUM
53.5 %rH



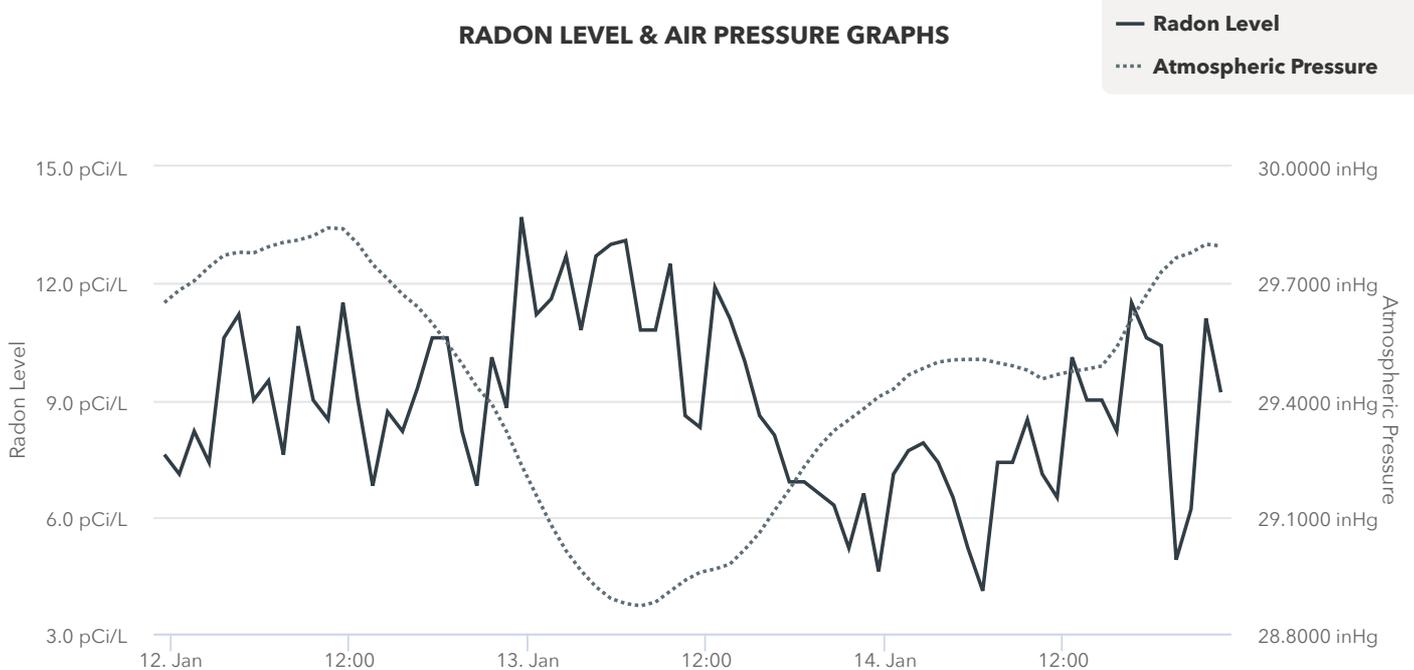
ATMOSPHERIC PRESSURE

MINIMUM
28.8715 inHg

AVERAGE
29.4337 inHg

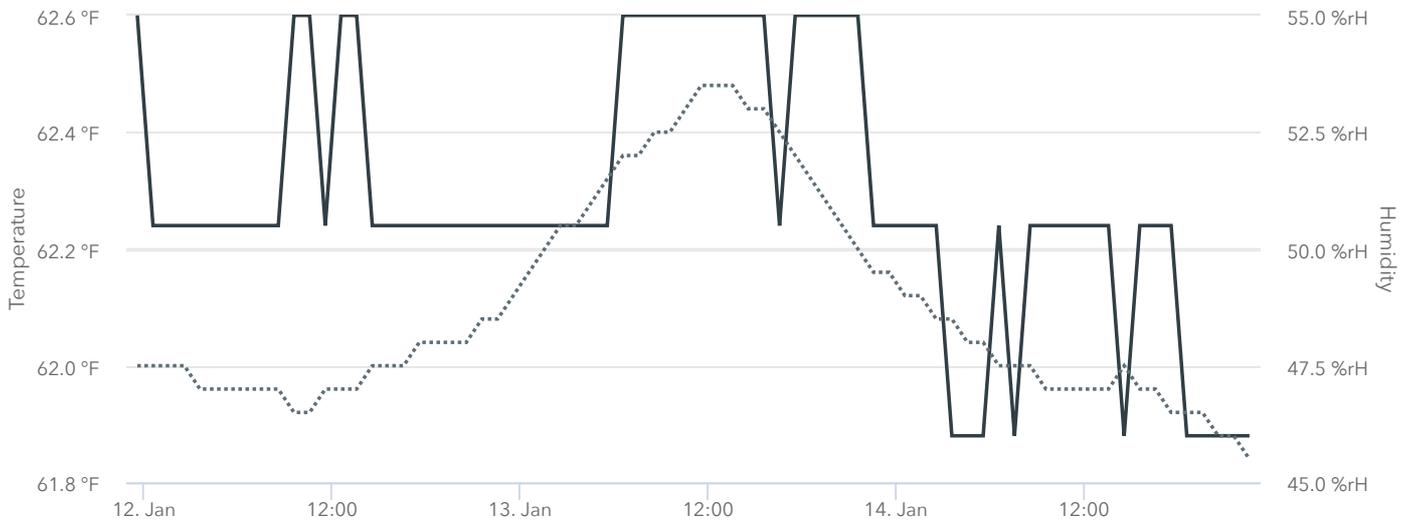
MAXIMUM
29.8424 inHg

RADON LEVEL & AIR PRESSURE GRAPHS



TEMPERATURE & HUMIDITY GRAPHS

— Temperature
 Humidity



MONITOR INFORMATION



Serial Number:	2700005982
Calibration Date:	2023-12-11
Calibration Expiration Date:	2024-12-10
Manufacturer:	Airthings
Model:	Corentium Pro
Calibration Chamber:	Airthings Lab
License #:	TC111706 / TRC2101
Noninterference Controls:	Corentium Pro uses a motion sensor to detect movement of the monitor during the measurement. It also records hourly temperature, humidity, and atmospheric pressure data to detect if closed-building conditions may have been broken during the measurement.

Limiting Circumstances

POSITION OF PERMANENT VENTS - NOT APPLICABLE

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WEATHER - NOTHING TO NOTE

—

DEVIATIONS - NOTHING TO NOTE

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Recommended Actions

≥4.0 pCi/L - W/ MITIGATION SYSTEM

The average measured radon level is at or above the Environmental Protection Agency (EPA) Action Level of 4.0 pCi/L. The installed radon mitigation system(s) is NOT effectively lowering the concentration of indoor radon. The system could be damaged, the fan may need to be replaced, or the influx of radon may be greater than the system is capable of handling. We recommend having the system inspected and repaired by a well-qualified radon mitigation contractor. The EPA recommends having the building retested at least **once every 2 years** to ensure the system remains effective. Performing follow-up tests during the heating season is recommended since this is when radon levels tend to be the highest. A 12-month long test, or continuous monitoring, will most accurately reflect radon exposure throughout the year.

EPA EXPLANATION FOR TEST RESULTS

Radon is the second leading cause of lung cancer, after smoking. The U.S. Environmental Protection Agency (EPA) and the Surgeon General strongly recommend taking further action when the home's radon test results are **4.0 pCi/L** (picocuries per liter of air) or greater. **Radon levels less than 4.0 pCi/L still pose a risk and in many cases may be reduced by mitigation.** The national average indoor radon level is about 1.3 pCi/L while outdoor radon levels average 0.4 pCi/L. The higher a home's radon level, the greater the health risk to you and your family. Smokers and former smokers are at especially high risk. Reducing your radon level can be done easily, effectively, and inexpensively. Even homes with very high radon levels can be reduced below 4.0 pCi/L. EPA recommends that you use an EPA or State approved contractor trained to fix radon problems. You can call your state radon office to obtain information, including a list of EPA or State approved radon contractors who can fix or can help you develop a plan for fixing the radon problem.

NOTICE TO CLIENTS

The Pennsylvania Radon Certification Act requires anyone who provides any radon related service or product to the general public must be certified by the Pennsylvania Department of Environmental Protection. You are entitled to evidence of certification from any person who provides such service or products. You are also entitled to a price list for services or products. All radon measurement data will be sent to the Department as required in the Act and will be kept confidential. If you have any questions, comments, or complaints concerning persons who provide radon related services, please contact the Department of Environmental Protection, P.O. Box 8469, Harrisburg, Pa 17105-8469, (717) 783-3594.

FOR FURTHER INFORMATION ABOUT REDUCING RADON LEVELS PLEASE REFER TO:

PA Consumers Guide to Radon Reduction

<https://www.dep.pa.gov/Business/RadiationProtection/RadonDivision/Monitoring/Pages/Publications.aspx>



COMPANY INFORMATION



Name: Precise Inspecting, LLC
Phone Number: 7178085997
Email: bill@preciseinspecting.com
Address: 2105 West Ridge Dr, Lancaster, PA 17603, United States

 **CERTIFICATIONS**

Name:	Number:	Expiration Date:
PA DEP Radon Certification	3295	04/01/2024

Name:	Number:	Expiration Date:
PA DEP Radon Certification	8900	08/24/2024

MONITOR PLACED BY BILL HAUGHERY, #3295

—

MONITOR RETRIEVED BY MATTHEW HAUGHERY, FIRM ID #3445

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TIME REPORT WAS GENERATED



Unique Report ID: 2700005982-2024-01-12T04:33:55Z
Date Report Was Generated: 2024-01-15
Time: 12:33 p.m. EST

RADON PROFESSIONAL INFORMATION



Name: William Haughery
Email address: bill@preciseinspecting.com
Phone number: 7174757343

STATEMENT OF LIMITATIONS

There is an uncertainty with any radon measurement result due to statistical variations in radiation, and other factors such as conditions which change daily and seasonally which can cause variations in indoor radon levels. These conditions can change based on the weather, the use or disuse of appliances, systems, and components of the structure, tampering with the radon test, or failure to comply with the closed-building conditions necessary for a valid radon measurement result.

CUSTOMER INFORMATION



Name: Baseemnt
Address:

RADON PROFESSIONAL'S SIGNATURE

This report is certified by William Haughery.

William Haughery

Electronic Signature

2024-01-15
Lancaster

Introducing Airthings House Kit

The Airthings House Kit has everything you need to start monitoring the quality of your air, for a healthier home. As you collect data, you will gain valuable insights to help you take action for a healthier life for you and your loved ones.

Top 3 features

1. Gain insight into the health of your home at anytime, from anywhere.
2. Follow instructions on the Airthings Wave App for fast and easy installation.
3. Automate your home using integrations with IFTTT, Google Assistant and Amazon Alexa.



House Kit includes:

1. **Airthings Wave**
Smart radon detector
2. **Airthings Wave Mini**
Indoor air quality monitor
3. **Airthings Hub**
Brings everything online

Do you know what's in the air you breathe?

We spend 90% of our time indoors. There are record high levels of asthma and allergies. Radon gas, when trapped in homes, causes lung cancer.

At Airthings we understand that people are too busy to worry about elements of unhealthy air, so we do it for you.

The House Kit keeps watch and helps you improve the air you breathe.

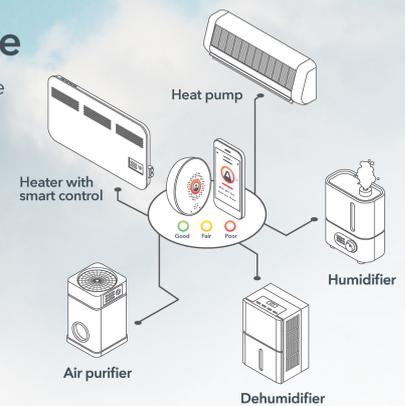


Connect to your smart home

Airthings House Kit is a stand-alone solution that can be integrated with other smart products in your home and tailored to fit your needs. Some examples:

- Set voice commands with Google Assistant/ Amazon Alexa
- Use IFTTT, connect a smart plug, and automate your heating, air purifier, and/or humidifier
- Set alerts with IFTTT

INTEGRATIONS



When you understand
what's in the air your
breathe, small changes
make a big difference.

+ 10% OFF

DISCOUNT CODE
**PRECISE INSPECTING DISCOU
NT CODE-10OFF**

To redeem your discount visit airthings.com/discount
and enter this code at checkout.

Start monitoring your air today!