

# Radon Measurement Report



## COMPANY INFORMATION i

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## i CERTIFICATIONS

Name:	Number:	Expiration Date:
Radon Measurement Professional	RME.000046	05/31/2024

## PROPERTY INFORMATION i

Address: 1234 Main St, Denver, CO 80238, United States  
Building Type: House  
Radon Mitigation System: None

## MEASUREMENT SUMMARY



LEVEL OF RADON

MINIMUM  
1.2 pCi/L

AVERAGE  
3.1 pCi/L

MAXIMUM  
4.8 pCi/L



TEMPERATURE

MINIMUM  
63.3 °F

AVERAGE  
64.0 °F

MAXIMUM  
64.8 °F



HUMIDITY

MINIMUM  
39.5 %rH

AVERAGE  
41.1 %rH

MAXIMUM  
42.0 %rH



ATMOSPHERIC PRESSURE

MINIMUM  
24.7715 inHg

AVERAGE  
24.8666 inHg

MAXIMUM  
24.9316 inHg



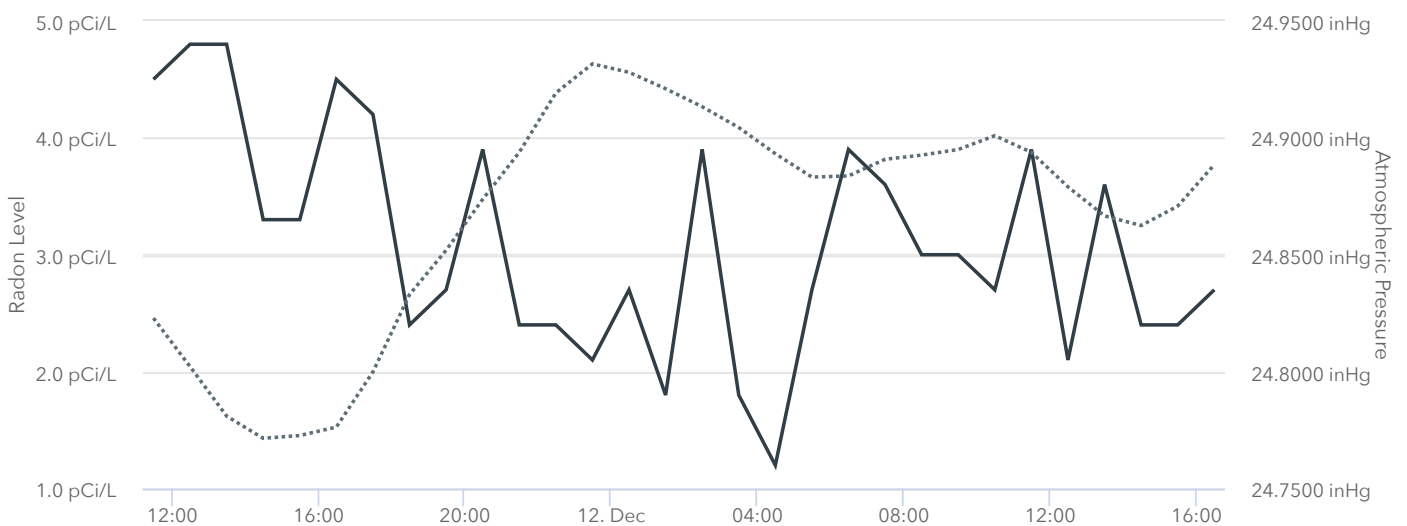
MOTION EVENTS

No motion events were detected during this measurement.

### RADON LEVEL & AIR PRESSURE GRAPHS

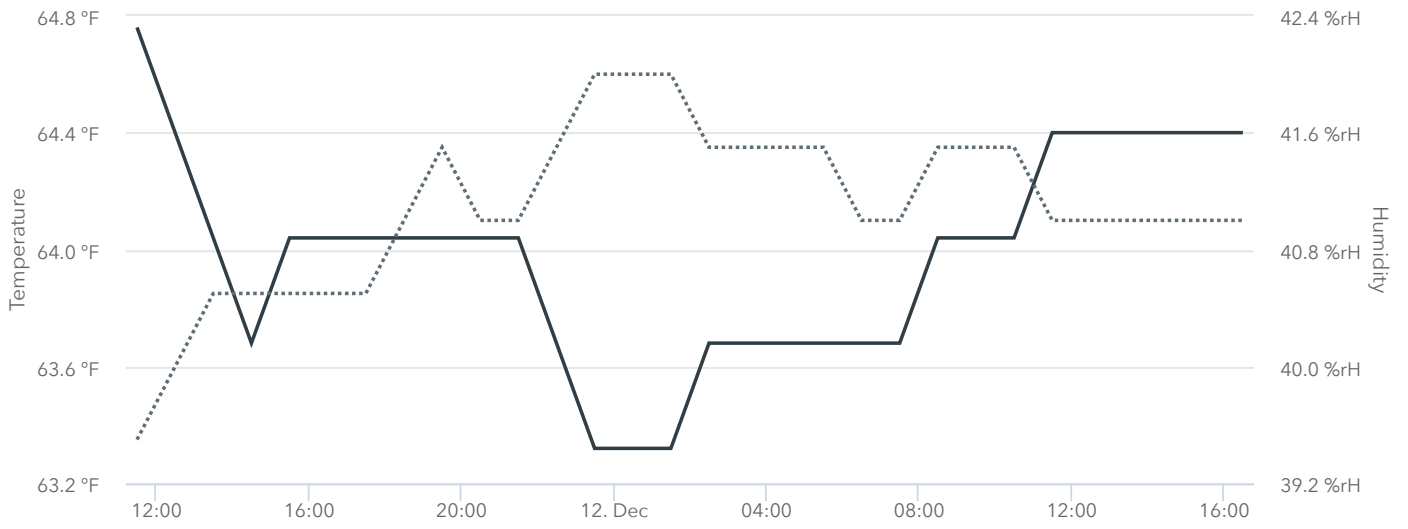
— Radon Level

.... Atmospheric Pressure



### TEMPERATURE & HUMIDITY GRAPHS

— Temperature  
... Humidity



## HOURLY MEASUREMENT DATA



**Note :** Measurements are offset by 1 hour from the start of the test. (The first hour will read 3:00 for a 2:00 start time).

	DATE & TIME	RADON	AIR PRESSURE	TEMPERATURE	HUMIDITY
1	2023-12-11, 11:29 a.m. MST	4.5 pCi/L	24.8229 inHg	64.8 °F	39.5 %rH
2	2023-12-11, 12:29 p.m. MST	4.8 pCi/L	24.8022 inHg	64.4 °F	40.0 %rH
3	2023-12-11, 1:29 p.m. MST	4.8 pCi/L	24.7810 inHg	64.0 °F	40.5 %rH
4	2023-12-11, 2:29 p.m. MST	3.3 pCi/L	24.7715 inHg	63.7 °F	40.5 %rH
5	2023-12-11, 3:29 p.m. MST	3.3 pCi/L	24.7727 inHg	64.0 °F	40.5 %rH
6	2023-12-11, 4:29 p.m. MST	4.5 pCi/L	24.7763 inHg	64.0 °F	40.5 %rH
7	2023-12-11, 5:29 p.m. MST	4.2 pCi/L	24.7999 inHg	64.0 °F	40.5 %rH
8	2023-12-11, 6:29 p.m. MST	2.4 pCi/L	24.8330 inHg	64.0 °F	41.0 %rH
9	2023-12-11, 7:29 p.m. MST	2.7 pCi/L	24.8519 inHg	64.0 °F	41.5 %rH
10	2023-12-11, 8:29 p.m. MST	3.9 pCi/L	24.8737 inHg	64.0 °F	41.0 %rH
11	2023-12-11, 9:29 p.m. MST	2.4 pCi/L	24.8938 inHg	64.0 °F	41.0 %rH
12	2023-12-11, 10:29 p.m. MST	2.4 pCi/L	24.9192 inHg	63.7 °F	41.5 %rH
13	2023-12-11, 11:29 p.m. MST	2.1 pCi/L	24.9316 inHg	63.3 °F	42.0 %rH
14	2023-12-12, 12:29 a.m. MST	2.7 pCi/L	24.9280 inHg	63.3 °F	42.0 %rH
15	2023-12-12, 1:29 a.m. MST	1.8 pCi/L	24.9210 inHg	63.3 °F	42.0 %rH
16	2023-12-12, 2:29 a.m. MST	3.9 pCi/L	24.9133 inHg	63.7 °F	41.5 %rH
17	2023-12-12, 3:29 a.m. MST	1.8 pCi/L	24.9044 inHg	63.7 °F	41.5 %rH
18	2023-12-12, 4:29 a.m. MST	1.2 pCi/L	24.8932 inHg	63.7 °F	41.5 %rH
19	2023-12-12, 5:29 a.m. MST	2.7 pCi/L	24.8832 inHg	63.7 °F	41.5 %rH
20	2023-12-12, 6:29 a.m. MST	3.9 pCi/L	24.8837 inHg	63.7 °F	41.0 %rH
21	2023-12-12, 7:29 a.m. MST	3.6 pCi/L	24.8908 inHg	63.7 °F	41.0 %rH
22	2023-12-12, 8:29 a.m. MST	3.0 pCi/L	24.8926 inHg	64.0 °F	41.5 %rH
23	2023-12-12, 9:29 a.m. MST	3.0 pCi/L	24.8950 inHg	64.0 °F	41.5 %rH
24	2023-12-12, 10:29 a.m. MST	2.7 pCi/L	24.9009 inHg	64.0 °F	41.5 %rH
25	2023-12-12, 11:29 a.m. MST	3.9 pCi/L	24.8938 inHg	64.4 °F	41.0 %rH
26	2023-12-12, 12:29 p.m. MST	2.1 pCi/L	24.8790 inHg	64.4 °F	41.0 %rH
27	2023-12-12, 1:29 p.m. MST	3.6 pCi/L	24.8666 inHg	64.4 °F	41.0 %rH
28	2023-12-12, 2:29 p.m. MST	2.4 pCi/L	24.8625 inHg	64.4 °F	41.0 %rH
29	2023-12-12, 3:29 p.m. MST	2.4 pCi/L	24.8708 inHg	64.4 °F	41.0 %rH
30	2023-12-12, 4:29 p.m. MST	2.7 pCi/L	24.8885 inHg	64.4 °F	41.0 %rH

## TEST INFORMATION



Average Radon Level:	3.1 pCi/L
Dataset Name:	Sample
Measurement Type:	Real-Estate Transaction
Start Date:	Dec 11, 2023, 10:29 a.m. MST
End Date:	Dec 12, 2023, 4:29 p.m. MST
Measurement Duration:	30h
Floor/Level:	Basement
Room:	Bedroom
Comment:	No comments documented.

## TEMPORARY CONDITIONS & DEVIATIONS FROM PROTOCOL



Temporary Conditions:	None documented.
Deviations from Protocol:	None documented.

## Recommended Actions

### ≥2.0 AND <4.0 PCI/L - W/O MITIGATION SYSTEM

The measured average radon level is below the Environmental Protection Agency (EPA) Action Level of 4.0 pCi/L. However, since the measured average radon level is at least half the Action Level, the EPA suggests that homeowners consider having a radon mitigation system installed. The EPA recommends having this building retested at least once every 5 years to determine if a radon mitigation system is recommended at a later date since radon levels can change over time. If a radon mitigation system is installed, the EPA recommends having this 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.

## MONITOR INFORMATION



Serial Number:	2700012760
Calibration Date:	2023-07-17
Calibration Expiration Date:	2024-07-16
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.

## TIME REPORT WAS GENERATED



Unique Report ID:	2700012760-2023-12-11T18:29:08Z
Date Report Was Generated:	2024-02-06
Time:	8:10 a.m. MST

## RADON PROFESSIONAL INFORMATION



Name:	Jon Havens
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Phone number:	7204983612

## 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.

## ADDITIONAL RADON INFORMATION

For further information regarding your radon measurement report, radon exposure risk, a radon professional, or to obtain a list of certified radon measurement and mitigation professionals in your area, contact your jurisdiction's Department of Health.

**RADON PROFESSIONAL'S SIGNATURE**

This report is certified by Jon Havens.

2024-02-06

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