

RSSI Alpha Track AT-101 Radon Detector Product Information



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Length of Test

Radon Fact: Radon levels vary day-to-day, season-to-season, with changing weather conditions and ventilation patterns. The longer you test, the more closely your result will represent the true average radon concentration at your test location.

RSSI recommends testing from 30 days to one year. USEPA defines a long term test as 91 days to a year. If you plan to test for a period shorter than 30 days please contact RSSI for special instructions.

Please note, if radon concentrations where you test are high, several times the USEPA's action level, testing for a long period may result in an overexposed detector and an estimated reading. If you receive an overexposed result, RSSI recommends retesting for a shorter period of time or contacting your state's radon program.

Placement of Detector

Radon Fact: Radon enters a building from the soil beneath the foundation or slab. Radon concentrations are usually highest in the lowest level of the building. The US EPA recommends that "the test kit should be placed in the lowest level of the home that could be used regularly...whether it is finished or unfinished." Your state may have additional requirements.

Room Placement: Place in a regularly used room, such as a living room, playroom, den, or bedroom where it will not be disturbed. Do *not* place in a kitchen, bathroom, laundry room, furnace room, closet, stairway, hallway, or crawl space.

Guidelines: Place 2-6 feet above the floor. Place at least one foot from exterior walls and three feet from exterior doors, windows, and ventilation ducts. Place at least four inches away from other objects. Place at least four feet from sources of heat, furnaces, fireplaces, water heaters, and dryers. Place at least seven feet from sumps. Do *not* place in an enclosed area of high humidity or high air velocity, near drafts or drains.

Start Your Test

1. Open protective pouch and remove detector. *Discard the pouch.*
2. Check your detector. If it rattles, the top or bottom label is torn, the white filter is dislodged or punctured, or the detector is otherwise damaged, do not use the detector. Call RSSI for a replacement.
3. Write the start date on the top label.
4. Place detector. To hang the detector, firmly slide the hook into the U shaped indentation on the bottom of the detector.
5. Save the box, hook, data form, return postage label, and these instructions.
6. Do *not* disturb the detector during the test period.

End Your Test and Return Detector to RSSI for Analysis

1. Write the end date on the top label.
2. Complete the data form. If placing more than 6 detectors contact RSSI for data submission and reporting options.
3. Do **not** place detector in a bag or cover the filter opening.
4. Place the data form, detector, and hook in the box. Close the lid by tucking the flap in the box..
5. Use the self-adhesive postage paid return label to seal the box. The dotted line should align with the edge of the box.
7. Return the detector immediately at end of test. Allow 2 weeks for delivery to RSSI when using the prepaid, non-trackable return label. To expedite shipping or track your package ship the detector via express courier.

Obtain Your Results

Detectors will be analyzed within ten business days of arrival at the laboratory. Results will be available at www.rssi.us/results.php. A report will be sent by email **or** mail as requested on the data form. Have your 6 digit detector number available if inquiring about results.

Replace Lost Items

Data form: Print <http://rssi.us/Documents/Consumer%20Card.pdf>.

Box: Use a small sturdy box and ship to:

RSSI Radon Returns, 6312 Oakton Street, Morton Grove, IL 60053-2723.

30-Month Limited Warranty

This alpha-track radon detector is warranted to the original consumer purchaser against defective materials or workmanship for a period of 30 months from the date of manufacture. This warranty is void if the detector has been opened or damaged or has not been used in accordance with instructions, or is inoperative or has been damaged due to other causes not arising out of defects in materials or workmanship, or was not returned before the expiration date.

During the warranty period, a defective alpha-track radon detector will be replaced with a comparable detector when the defective detector is returned, postage paid, to RSSI at the following address: RSSI Radon Returns, 6312 Oakton Street, Morton Grove, IL 60053-2723. No charge will be made for replacement of in-warranty detectors when these instructions are followed.

We specifically disclaim any other warranty, expressed or implied, including, but not limited to, implied warranties of merchantability and fitness for a particular purpose, and we will not be liable for loss of use of the alpha-track radon detector, financial or health consequences of monitoring conducted with the alpha-track radon detector or use or analysis of the resulting data, or for any other incidental or consequential costs, expenses or damages incurred by the user or any other person, or to property, arising out of use of the alpha-track radon detector, or the use or analysis of the resulting data, or due to any breach of warranty, negligence, strict liability or otherwise.

This warranty gives your specific legal rights, and you may have other rights that vary from state to state. Some states do not allow the exclusion or limitations of implied warranties so the above limitations or exclusions may not apply to you.