



LONG TERM RADON TEST KIT FOR RADON IN AIR

LARGE PROJECT VERSION

INSTRUCTIONS

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The AccuStar AT-100 alpha track device is used to test radon in air for 91 to 365 days (one year). It includes:

- Instructions and Datasheet;
- Alpha track type devices sealed in clear bag.

DO NOT OPEN THE SEALED BAG UNTIL YOU ARE READY TO TEST.

1. Choose the Rooms to Test

Health Canada recommends you test the lowest level of the building, with ground contact, that is frequently used. Test in a room used for living space, or as a classroom, office, laboratory, cafeteria, library, gymnasium or auditorium. Do not test in a kitchen, laundry area, bathroom, crawl space, furnace room, hallway, elevator shaft, stairwell or closet.

Quality Assurance Measurements: you will need to place an additional 15% of the total number of devices for quality assurance measurements. Ten percent (10%) of the total tests are duplicate tests. To do a duplicate test, place two devices side by side, 4 in (10 cm) apart. Five (5%) of the total tests are blank tests. To do a blank test, place the device and do not open the sealed bag.

Write all Device Numbers and matching building information, including the rooms you test, on the Datasheet.

2. Start the Radon Test

- Start your test before the expiration date shown on the device or test results will be invalid.
- When you are ready to start the test, cut or tear open the sealed bag that contains the black device. As soon as you open the bag the device is “on” and the test has begun.
- Reminder: for a blank test, do not open the bag.
- Do not remove the VOID sticker or open the black plastic housing or results will be invalid. Do not remove the two stickers on top of the dosimeter.
- Write the test Start Date on the Datasheet.

3. Place the Radon Devices

The preferred dosimeter location is by an interior wall at a height of 0.8 m to 2 m (3 to 6.5 ft) from the floor in the typical breathing zone, however, at least 50 cm (20 in) from the ceiling and 20 cm (8 in) from other objects so as to allow normal airflow around the dosimeter. Dosimeter should be placed approximately 40 cm (16 in) from an interior wall or approximately 50 cm (20 in) from an exterior wall.

For schools, the preferred dosimeter location is by an interior wall at a height above the reach of most pupils: 2.5 to 3 m (8 to 10 ft) from the floor, however, at least 50 cm (20 in) from the ceiling and more than 20 centimetres (8 in) from other objects.

You can hang or place face up or face down the dosimeter. Leave each device in place and undisturbed for at least 91 days and up to one year.

4. End the Radon Test

After at least 91 days, write the test Stop Date and other required information on the datasheet.

5. Return the Devices with Datasheets to the Laboratory As Soon As Possible

Make sure the Datasheet is complete and keep a copy. Place up to 10 devices together with the matching datasheet in a plastic “Ziplock” bag. Send the bagged devices and datasheets to the lab.

Test devices must be sent directly to the laboratory of AccuStar Labs located in Massachusetts, U.S.A. and NOT to AccuStarCanada.com.

AccuStarCanada.com offers a discounted prepaid, preaddressed shipping label with all the customs documents required for quick clearance, in order to ensure the adequate completion of your radon test. Contact us through www.accustarcanada.com or call us at 1-855 85RADON to request a custom quote.

If you prefer not to use our Canadian return shipping service, you must send your test devices directly to:

AccuStar Labs, 2 Saber Way, Ward Hill, MA, 01835-8000, USA

IMPORTANT: To avoid issues with your report, the laboratory should receive the devices within 30 days of the test end date. If your devices are not received within 60 days, your test will be invalid.

INFORMATION ABOUT TEST REPORTS

AccuStar typically sends basic Reports via email within few weeks after we receive your devices. You may access to your test results on our website www.accustarcanada.com.

AccuStarCanada.com can create custom reports based on your requirements. Contact us before starting the test to allow us to setup a dedicated database.

If information is missing from the Data Sheet or you need to make a change to your Report, you may request an Amended Report. You must request an Amended Report and provide new or changed information in writing, by mail, email or fax*. No oral information will be accepted. AccuStar will issue the Amended Report within five (5) business days after we receive your request.

* AccuStar Labs, 2 Saber Way, Ward Hill, MA, 01835-8000, USA
Fax: 508-533-8831 Email: radonlab@accustarlabs.com

AccuStar can issue a Same-Day Amended Report for a fee of \$20.00 per report. To issue a Same-Day Amended Report we must receive, in writing, any changed or new test information, and payment by credit card before Noon, Eastern Time.

Feel free to call AccuStarCanada.com at 1-855-85RADON with any questions you may have. Our business hours are 8:30 a.m. to 5:00 p.m. (Eastern Standard Time) Monday to Friday.

Thank you for choosing AccuStar.