

# Victoria Radon Alarm



propertECO

## Real-time radon risk assessments for field staff

Radon is a naturally occurring radioactive gas released from the ground that can enter buildings and accumulate to high levels. As long-term exposure to elevated levels of radon can cause lung cancer, it is important to know whether employees are being exposed to this hazard.

Under the Management of Health & Safety at Work Regulations 1999, radon risk assessments are required in all workplaces located in geographic areas classed as radon 'affected areas' and in all workplaces with basements. Whilst standard risk assessments require testing to be conducted over a 3 month period, the Victoria Radon Alarm is a tool for staff who regularly visit other people's premises where radon might be a risk and need an instant assessment, for example utilities engineers, surveyors or basement waterproofing technicians.

The Victoria Radon Alarm uses 3 AA batteries and is completely portable. It constantly measures radon levels in "real-time" and will activate if levels exceed the maximum threshold enforced by the Health & Safety Executive of 400 Bq/m<sup>3</sup>.

The device is an essential piece of health & safety monitoring kit for field staff who should place it on a surface in their working area. If radon levels in excess of 400 Bq/m<sup>3</sup> are detected, the device's alarm will sound and a red LED will flash. At this point, the worker will need to take steps to temporarily increase ventilation to the work area to reduce the radon level, for example by opening doors or windows or activating a powered fan to increase air circulation and dilute current radon levels.



Limited Offer: £235 +VAT

Unlike other gases that pose an immediate threat to health (e.g. carbon monoxide), radon exposure is only dangerous over long periods of time. An alarm activation does not require a building to be evacuated, however it does alert both the mobile worker and the premise owners that there is a health & safety issue that should be dealt with. The worker should report an activation to their supervisor, who should make the premises owner aware that high radon levels have been detected.

All Victoria Radon Alarms are supplied with instructions for use and guidance as to action to take if the alarm activates. Also included will be a form to log times & locations of activations.



### Technical Specification

Power Supply: 3 x AA batteries (approx 2 year lifespan)  
Alarm: 3 seconds at 80dB & 30 minutes flashing LED  
Size: 115mm diameter, 40mm height  
Weight: 140g inc. batteries  
Working temperature range: -5°C to 50°C

### For further information contact propertECO:

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