



## Installing Vape Patrol Detectors

- Find the best location for your Vape Patrol detector. Ideally, it should be installed on the ceiling no more than 3 metres from the floor and at least 0.5m away from a corner where possible. It can also be installed on a wall but no lower than 0.3m from the ceiling. The detector should not be easily accessible by standing on a toilet or washbasin counter top. If it is not possible to place them in a 'safe' place we recommend adding a protective grill (available from our store).
- Where cubicles have a gap of at least 30 cms from the top of the door to the ceiling, one detector should be sufficient in a space up to 15-20m<sup>2</sup>. If your cubicles have floor to ceiling doors and sides then a detector should be installed in each one. You may choose to remove part of the door or panel at the top to allow the vaping plume to escape from the cubicle and reduce the number of detectors you require.
- Avoid positioning the detectors next to openable windows or on the 'wrong side' of extractor fans (eg. away from the cubicles).
- Power cables should be installed in suspended ceilings or PVC conduits. Sockets should not be accessible to pupils.

### INSTALLATION

1. Note where the USBc power cable will attach to the detector when deciding exactly where to attach the mounting bracket. Mark the position on the ceiling (or wall) and attach the bracket using a 5mm drill bit and the rawl plugs provided. Ensure there are no pipes or electrical wiring directly behind the mounting area of the wall or ceiling.
2. Note the direction that the detector slides onto the mounting pieces to connect it to the bracket.
3. Install the power cable – either through a suspended ceiling or conduit. Do not plug in the detector yet.
4. Attach the detector to the mounting bracket by sliding it onto the two mounting 'legs'.
5. Plug in the cable and follow the instructions on how to connect your detector to the Smart Life app. (See separate sheet)
6. We recommend leaving the detector in place for 24 – 48 hours and monitoring the results before adjusting the sensitivity – it can be affected by, for example, hand dryers, windows, extractor fans, cleaning fluids etc.
7. The 'Vape Patrol' branding can be removed if you prefer.



## Detection Range of Vape Smoke

Vape detectors can be mounted horizontally on the ceiling or vertically on the wall. The installation height and detection range are as follows.

- When the detector is mounted on the ceiling

As shown in Figure 9–2, the effective detection range of the device is less than 5 meters, beyond which vape smoke may not be detected.

- when the detector is mounted on a wall

As shown in Figure 9–3, the effective detection range of the device is within 3 meters, beyond which vape smoke may not be detected.

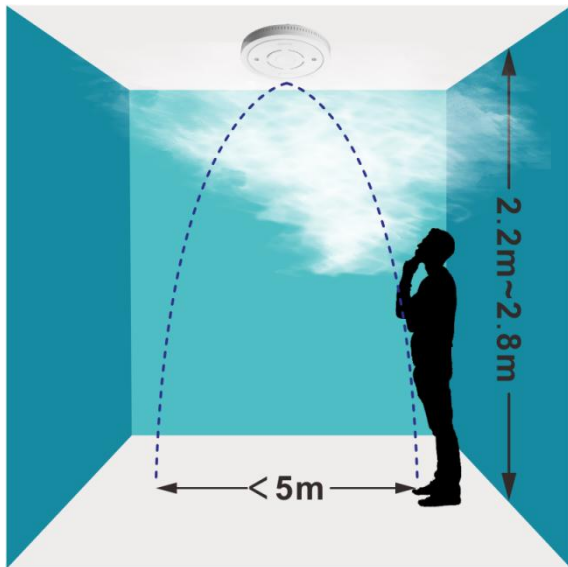


Figure 9–2 Installed on ceiling

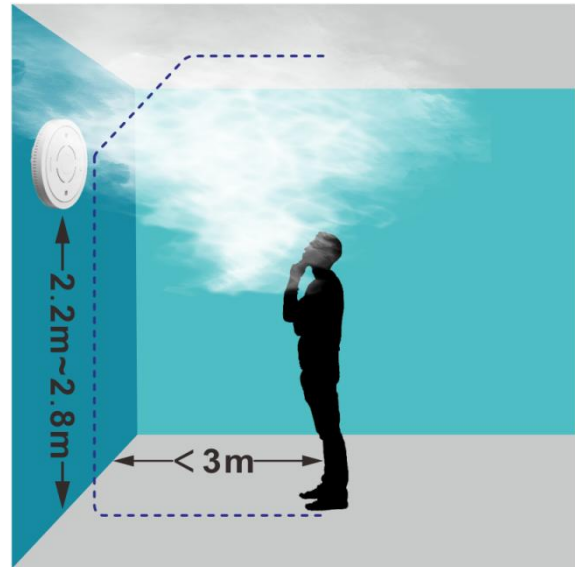


Figure 9–3 Installed on walls

