

# Vayyar Home Device Mounting Best Practices

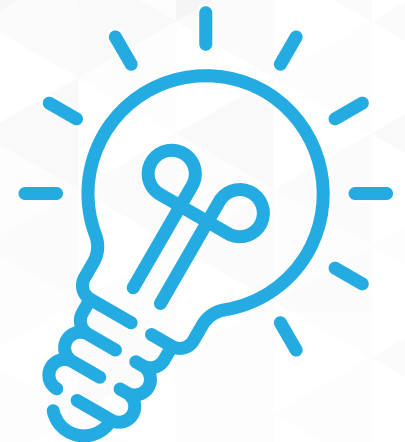


# **Accurately installing Vayyar Home is critical to success: here's what you need to know.**

Vayyar Home is the world's most advanced touchless fall detection and monitored wellbeing solution.

As with any high-tech device, achieving optimal results depends on following a set of clear guidelines.

**Let's run through them.**



# Vayyar Home is designed for use in senior living community rooms and suites or in private residences.

Please be aware that if you place the device in an office, hallway or storeroom, for example, you'll likely encounter interference that will prevent you from getting the best results.



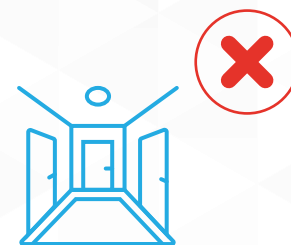
Rooms/homes



Storeroom



Office



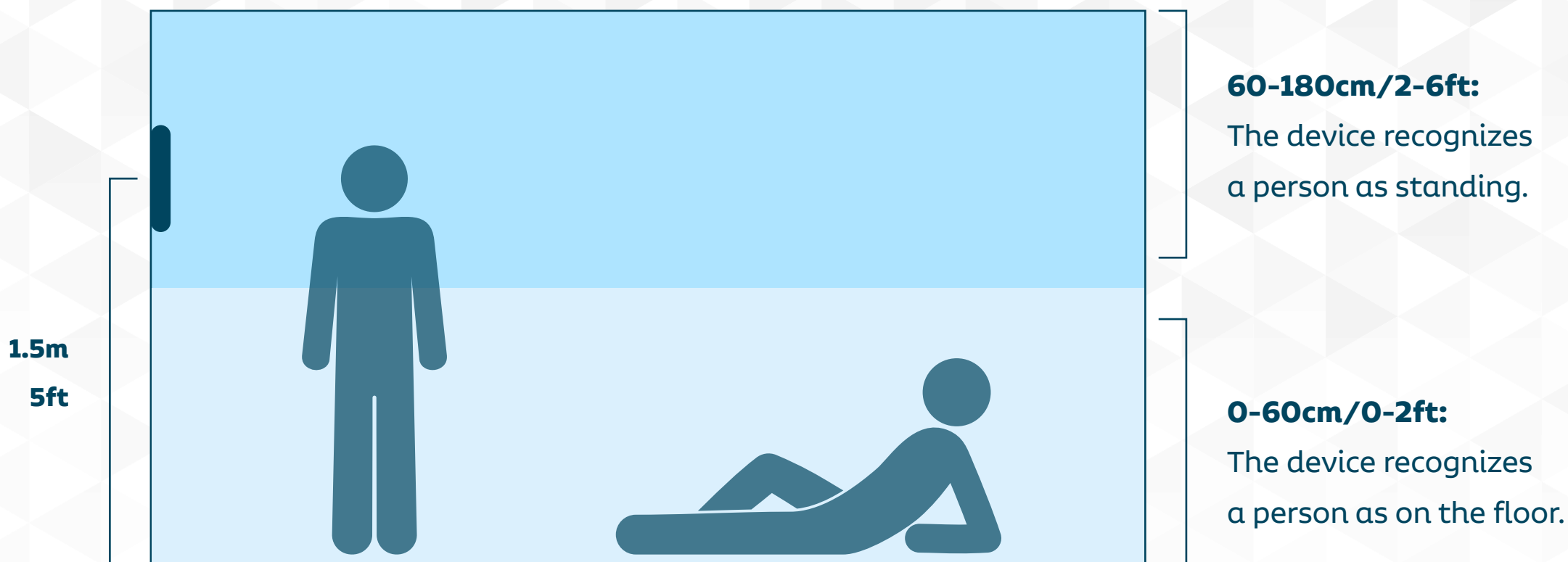
Hallway

# For optimal performance, correct installation is key:

- ▶ The device must be mounted at a height of 1.5m (5ft) from the floor to the center of the device.
- ▶ The device should be placed as far from metal as possible.
- ▶ The device should not be placed behind a bookshelf, TV, or other object that blocks direct line of sight to all the areas of the room.
- ▶ The device should be placed on a wall - not on a door, door frame, window or mirror.
- ▶ The device should be perfectly vertical.
- ▶ Position the device as close as possible to the center of the room.

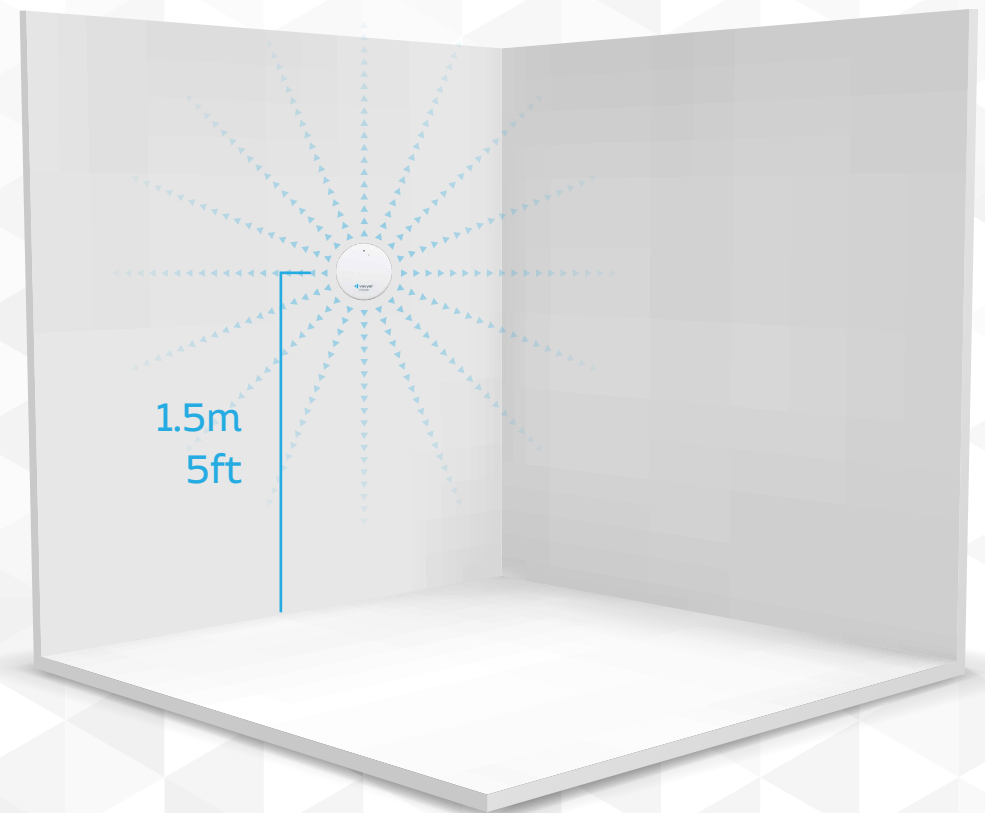


# Vayyar Home detects a fall by recognizing a change in a person's height profile.

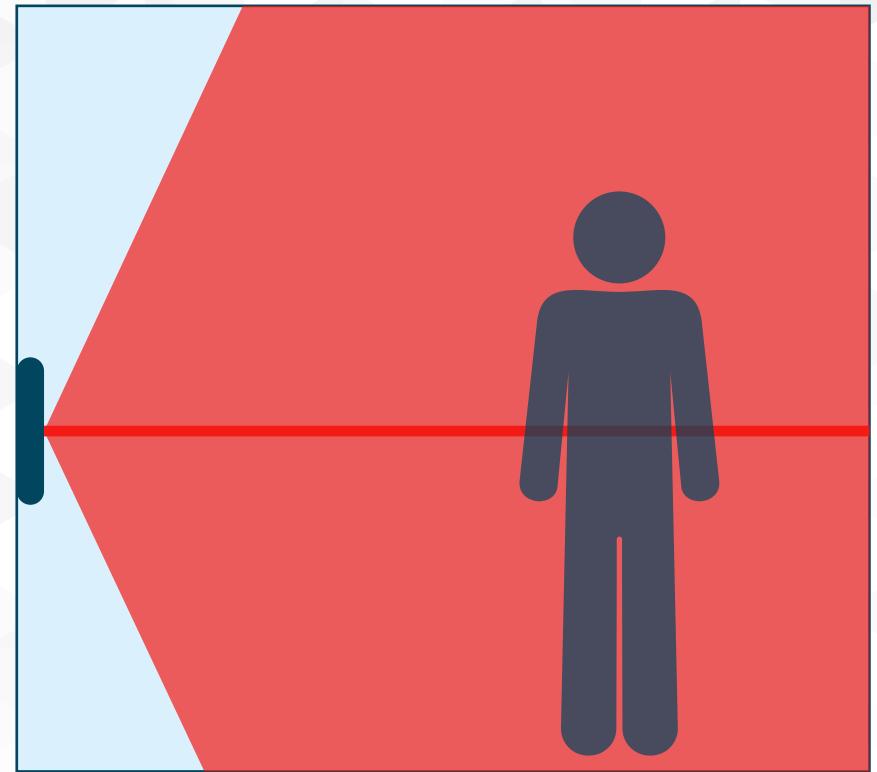
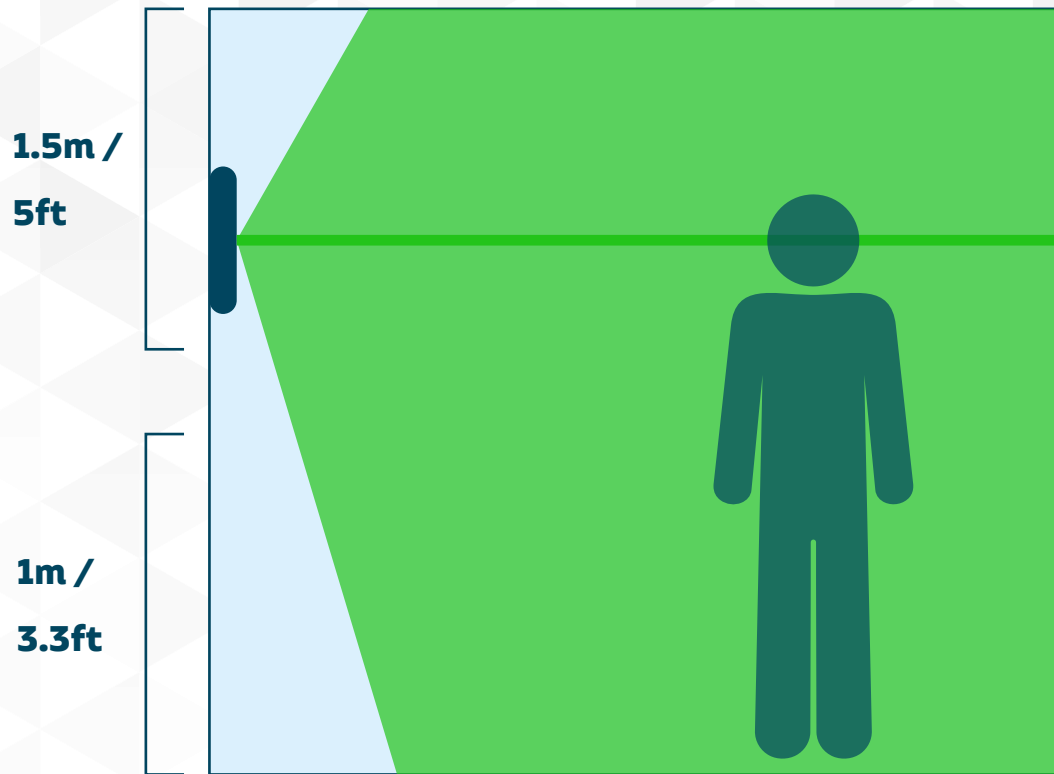


# Detecting this height profile requires the device to be mounted accurately.

The Vayyar Home device must be **mounted** at a height of **1.5m/5ft** from the floor to the center of the device.

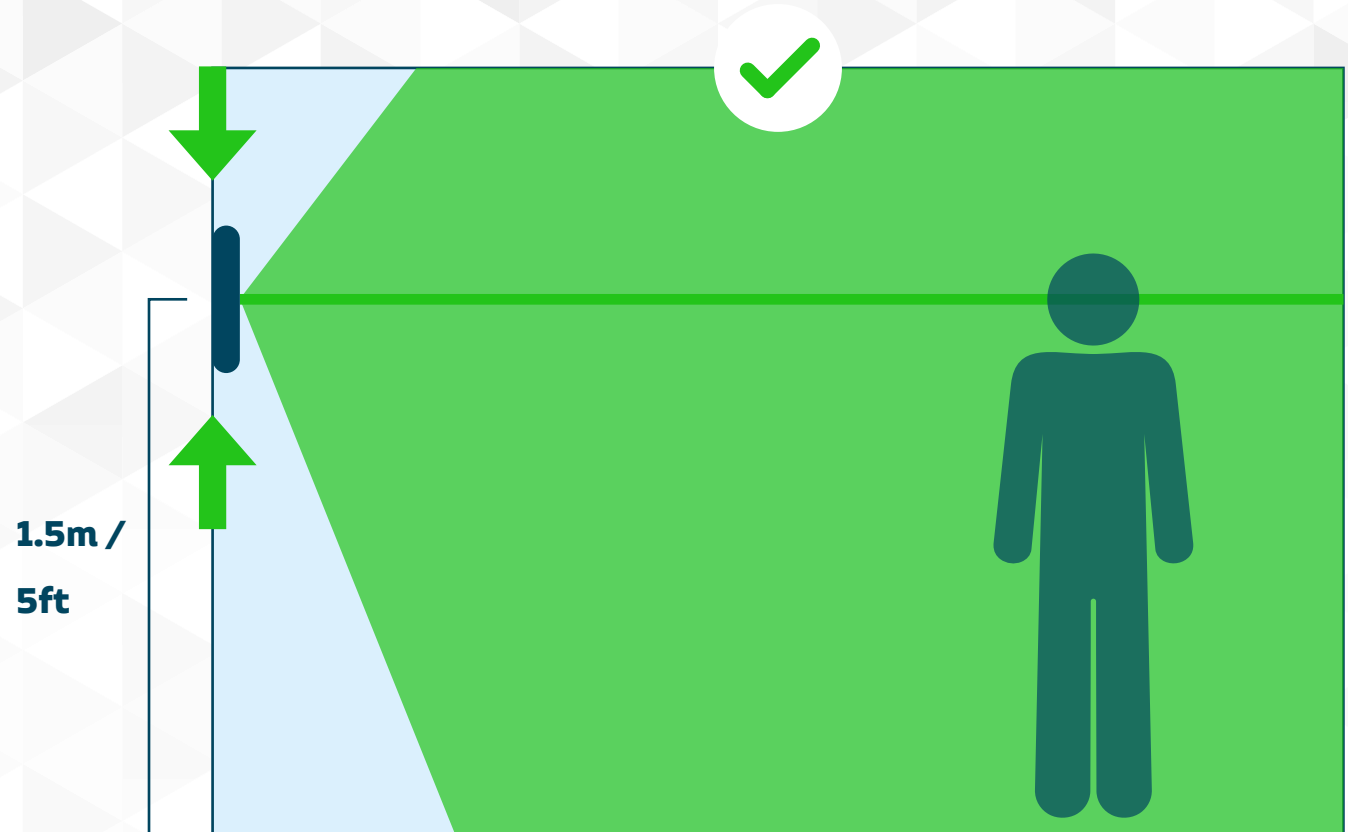


**It's programmed to optimally transmit and receive radio waves at precisely this height.**

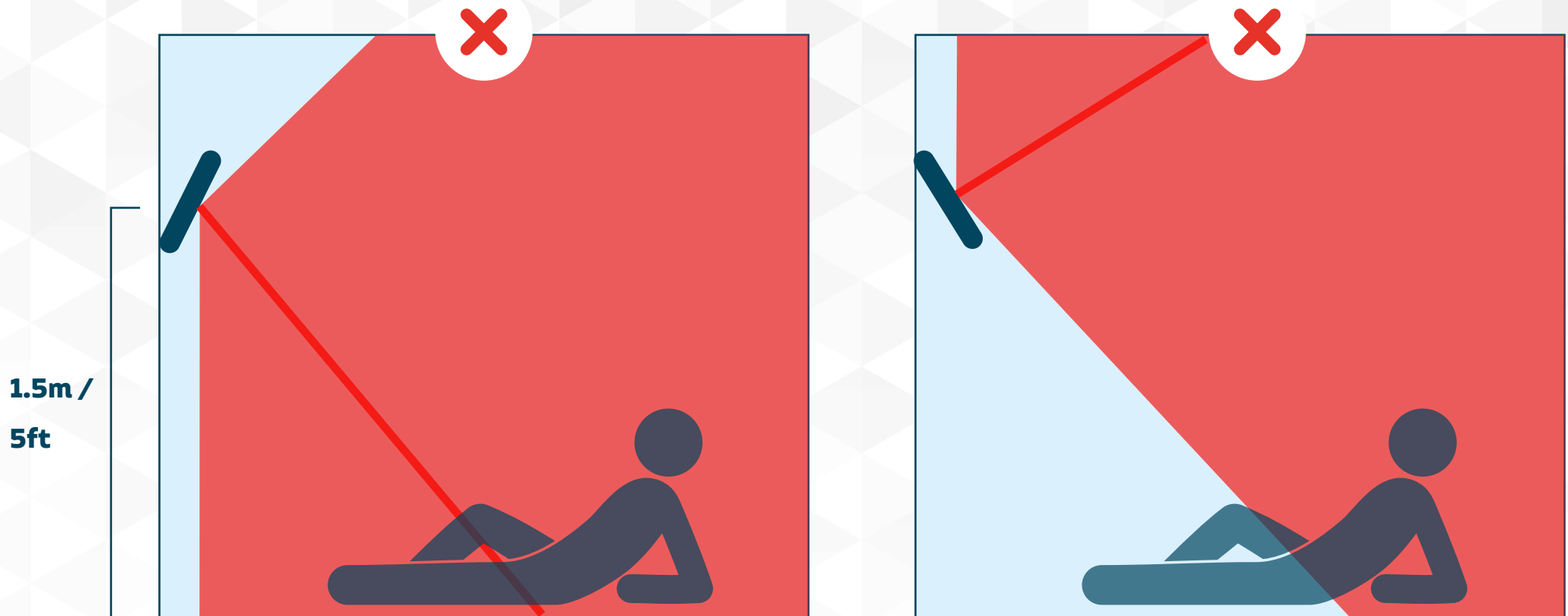


# It's also got to be perfectly **flat** on the wall.

When the device is mounted at the correct height and **flat on the wall**, its elevation field of view will be correct, enabling it to accurately recognize the person's height profile.

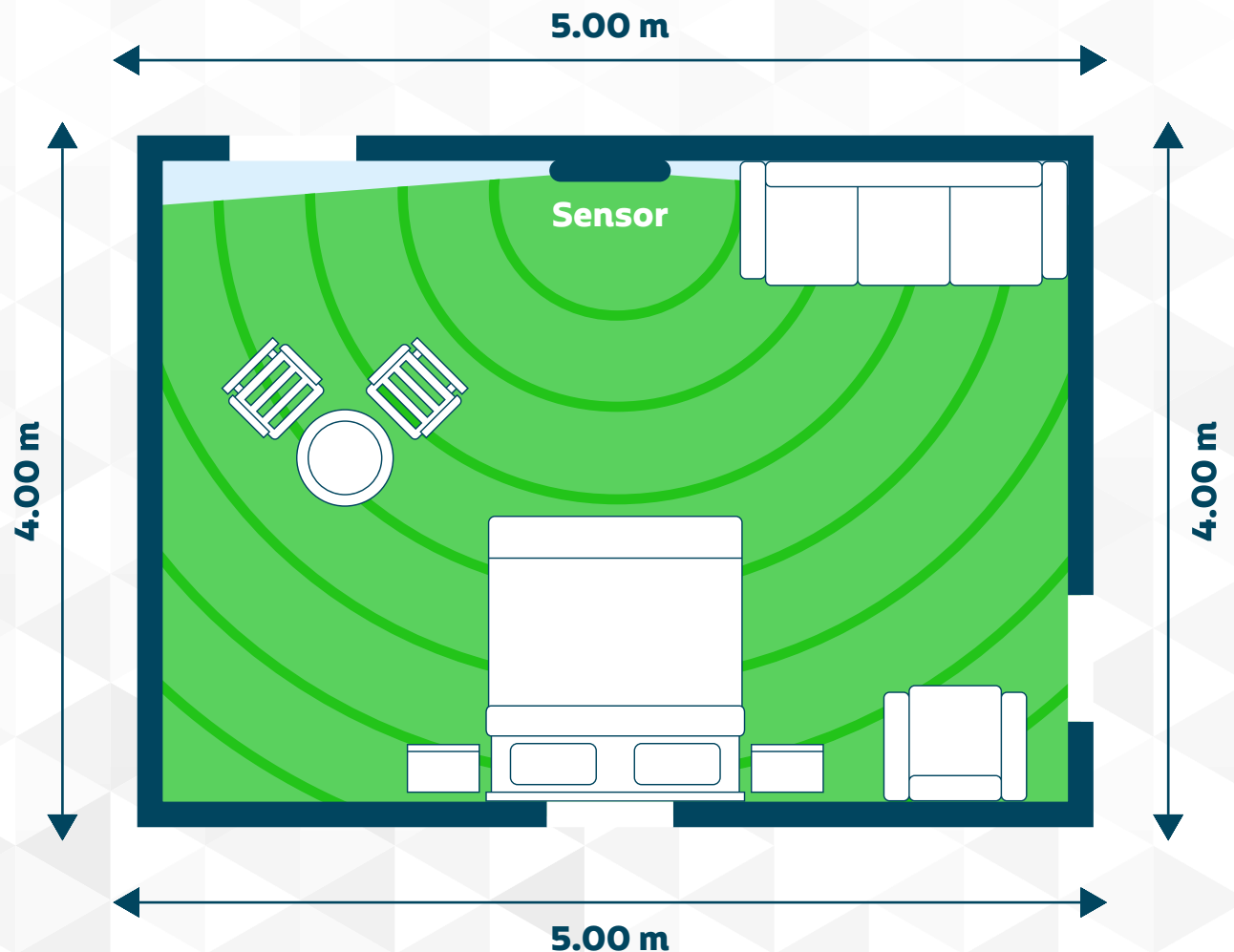


If the device is pointed **down** or **up** it won't accurately detect falls.



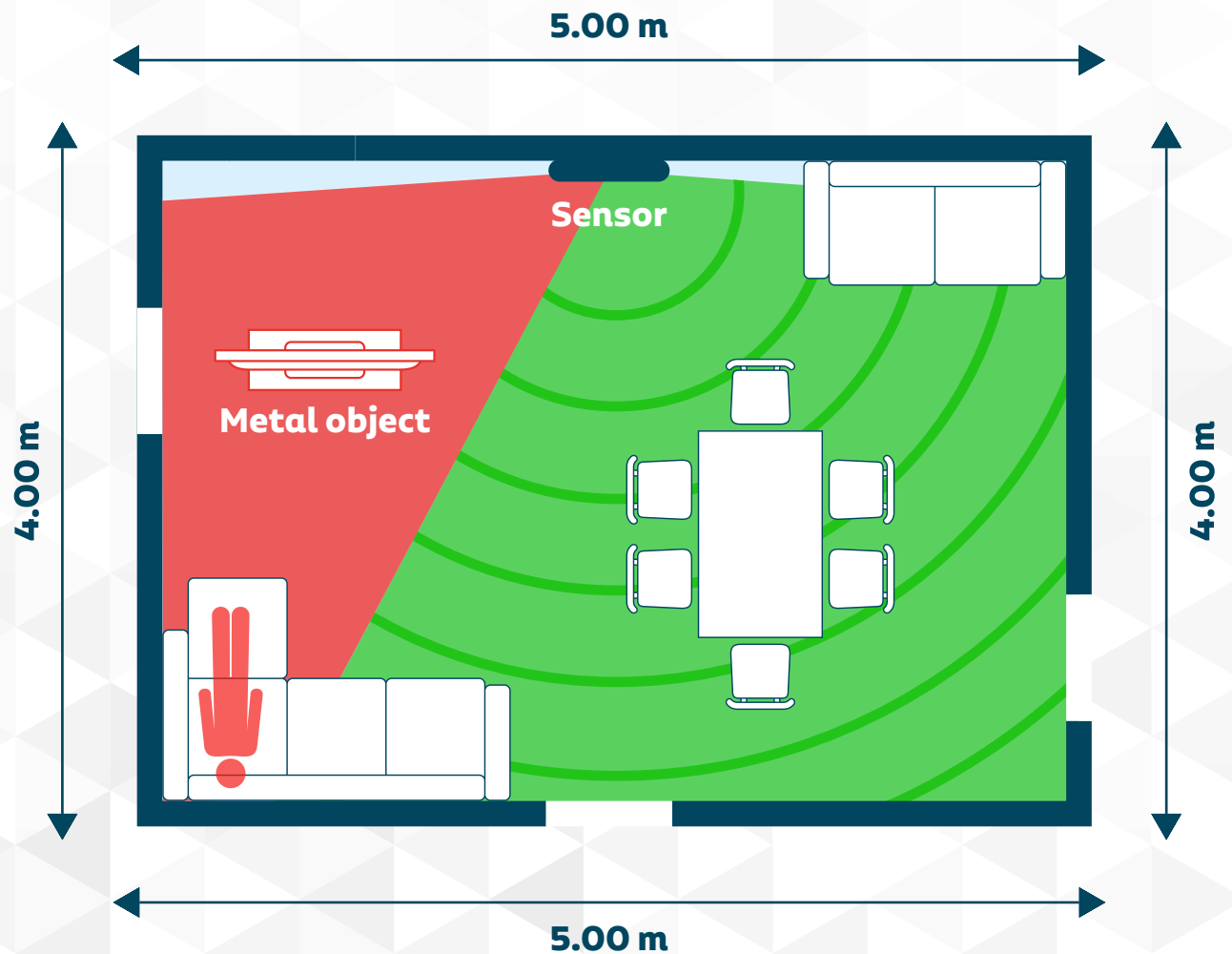
# Ensure the clearest possible **line of sight** to all parts of the room.

Senior living community rooms - which don't contain a whole lot of clutter - are the ideal environment for Vayyar Home.



# Metal objects will reflect the radio waves and prevent accurate detection.

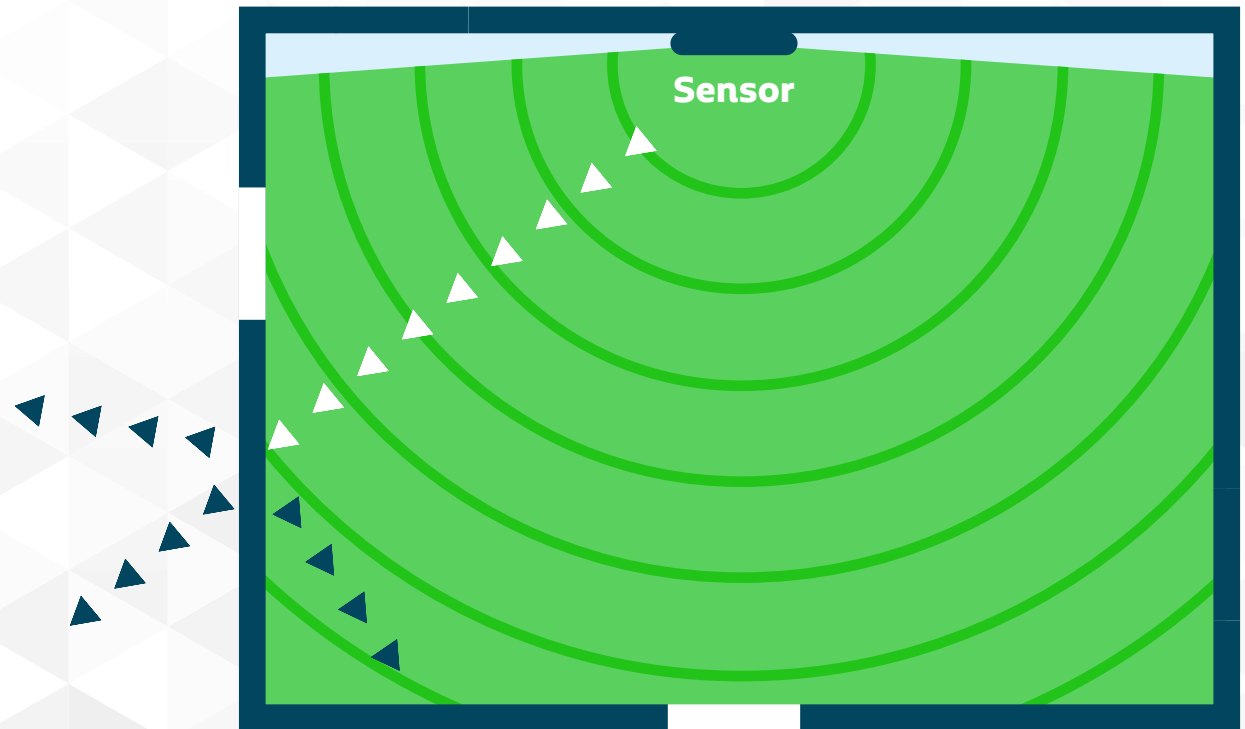
It's important to make sure there are no freestanding metal objects like a TV or file cabinet in the room that could block the line of sight between the device and the person.



# Other objects and walls don't reflect radio waves.

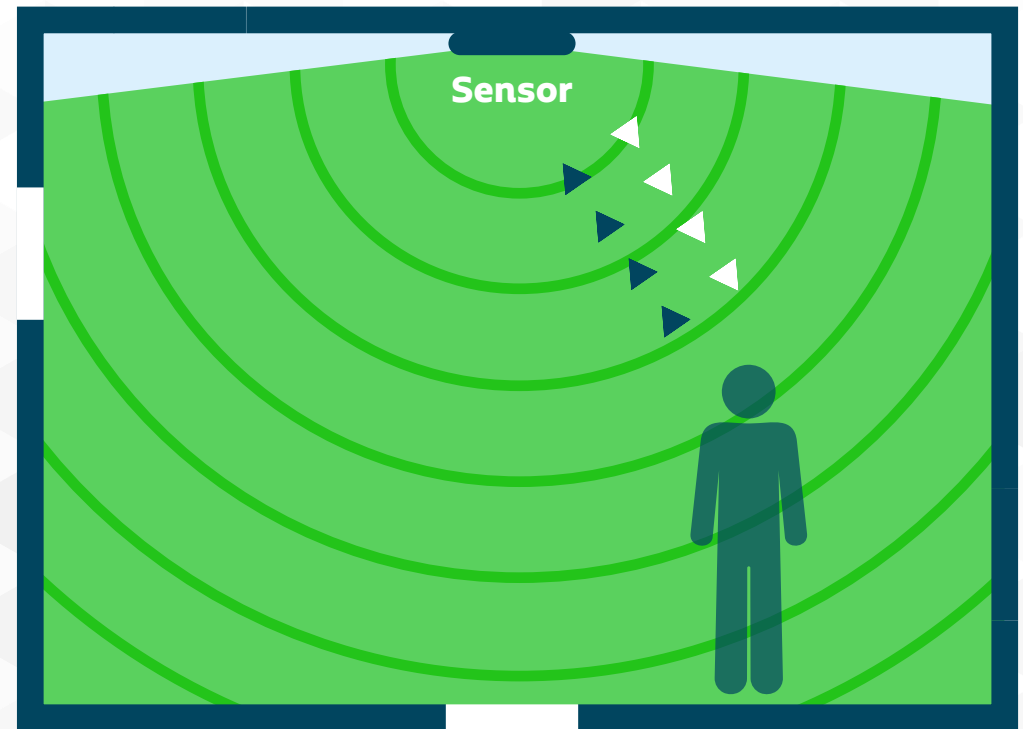
Walls and objects like wooden furniture aren't very reflective of radio waves. They don't return signals, dispersing them instead.

That's deliberate. Vayyar Home won't detect these objects. It will detect only people with minimal interference.



# The purpose of Vayyar Home is detecting people.

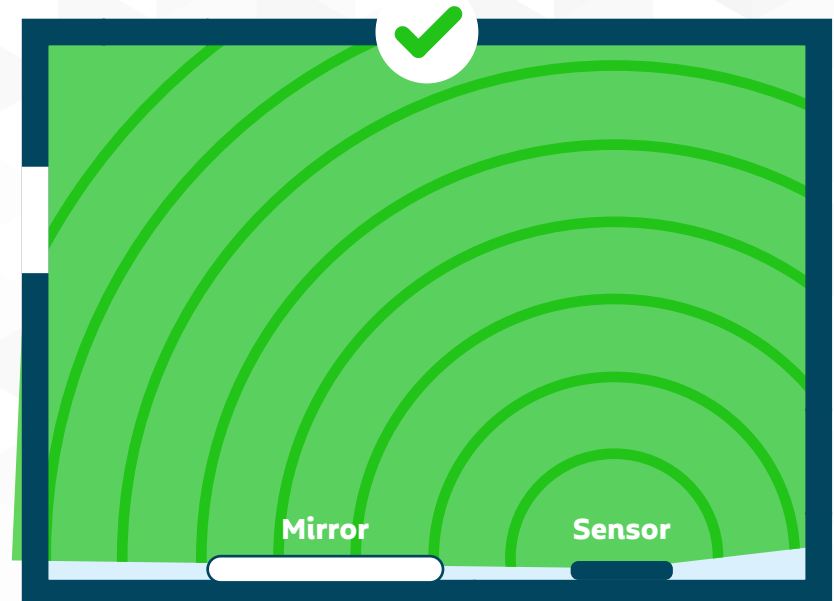
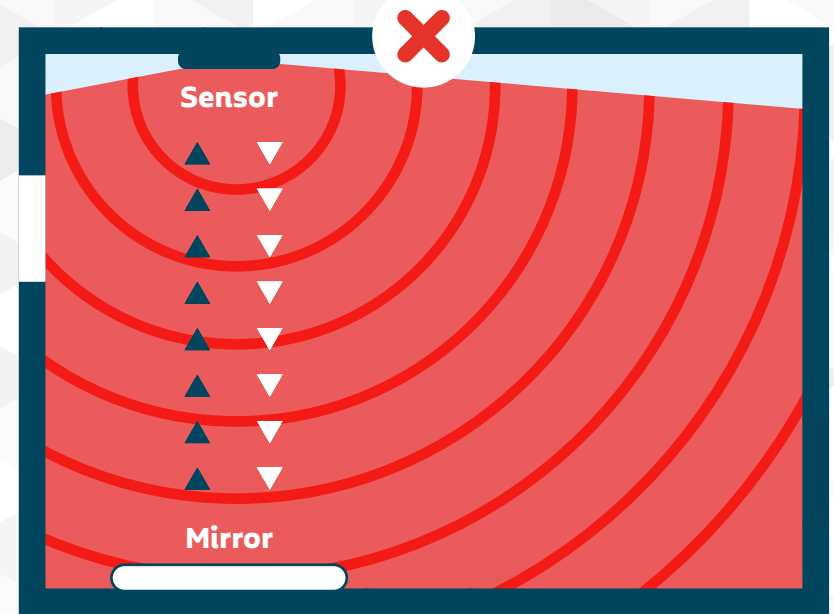
A person is highly reflective of radio waves. The signal is sent out to the person and returned to the device. This enables the device to determine the person's exact location.



# A mirror is also highly reflective of radio waves.

In this case, it's a potential issue. The device could receive signals bounced back from a mirror and mistake them for a person in the room.

That's why if there's a wall-mounted mirror in the room, you need to mount the device on the same wall, rather than directly opposite it.



# Vayyar Home **shouldn't be hidden** behind wall-mounted objects.

Don't place the device behind an object such as a TV, bookshelf, painting or anything else that will block the signal.



TV



Bookshelf



Painting

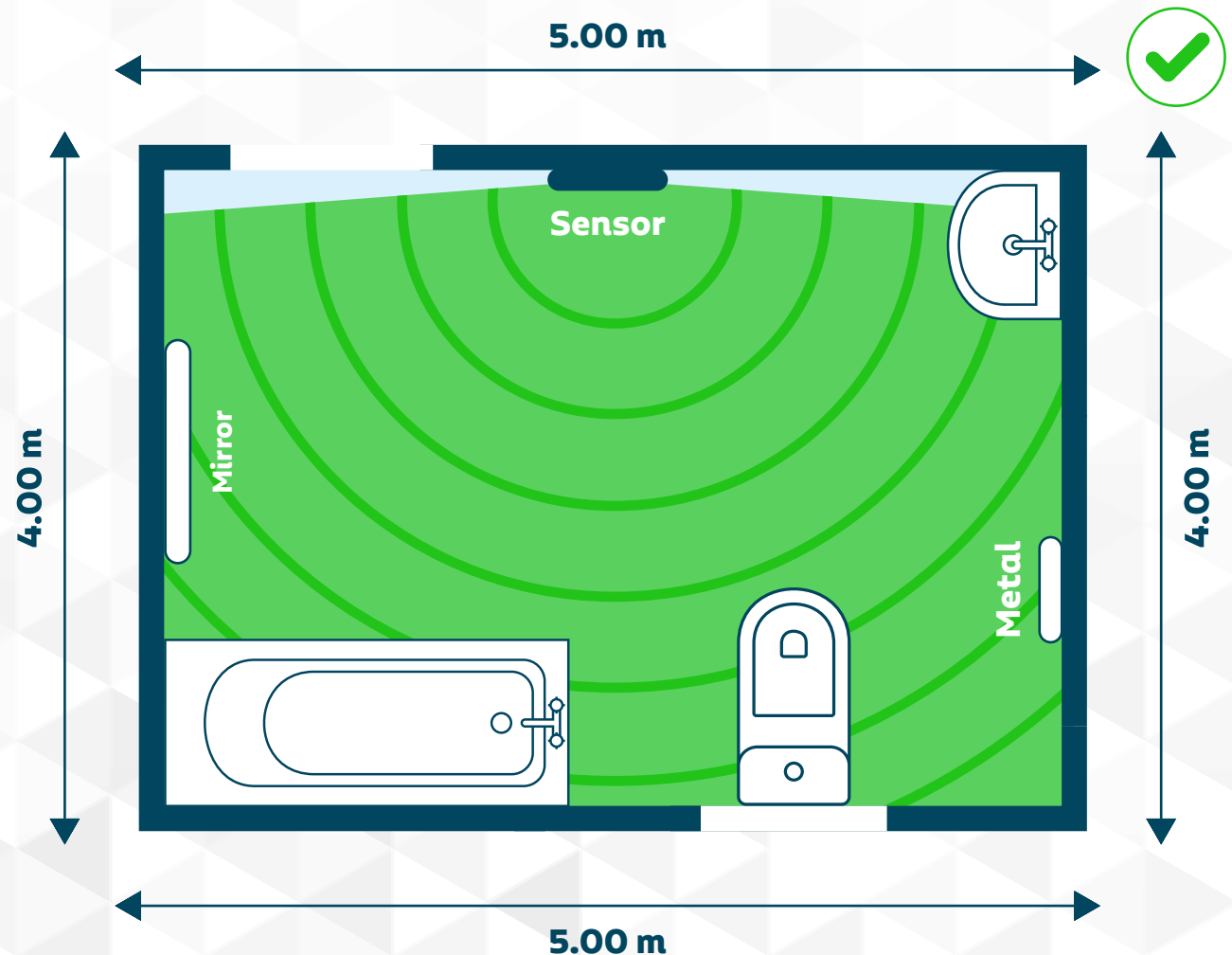
## It's small and discreet, for unobtrusive installation.

When the device is placed in a location where it isn't blocked by an object, it will be able to provide accurate detection at all times.



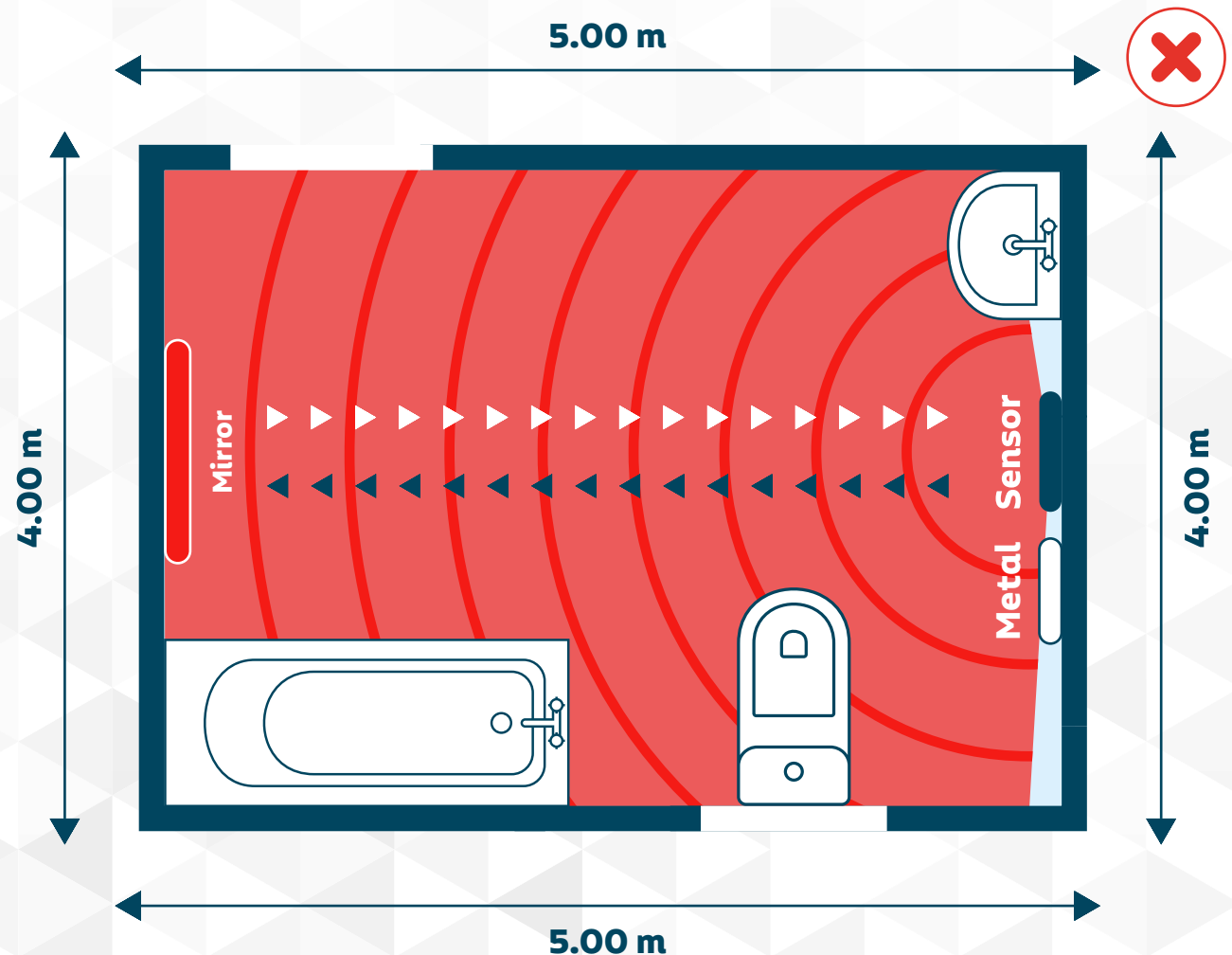
# Vayyar Home also needs a **clear line of sight** in the bathroom.

The bathroom is also a major danger zone for falls, so it's essential that our device is optimally positioned to give it the widest view of the entire area.



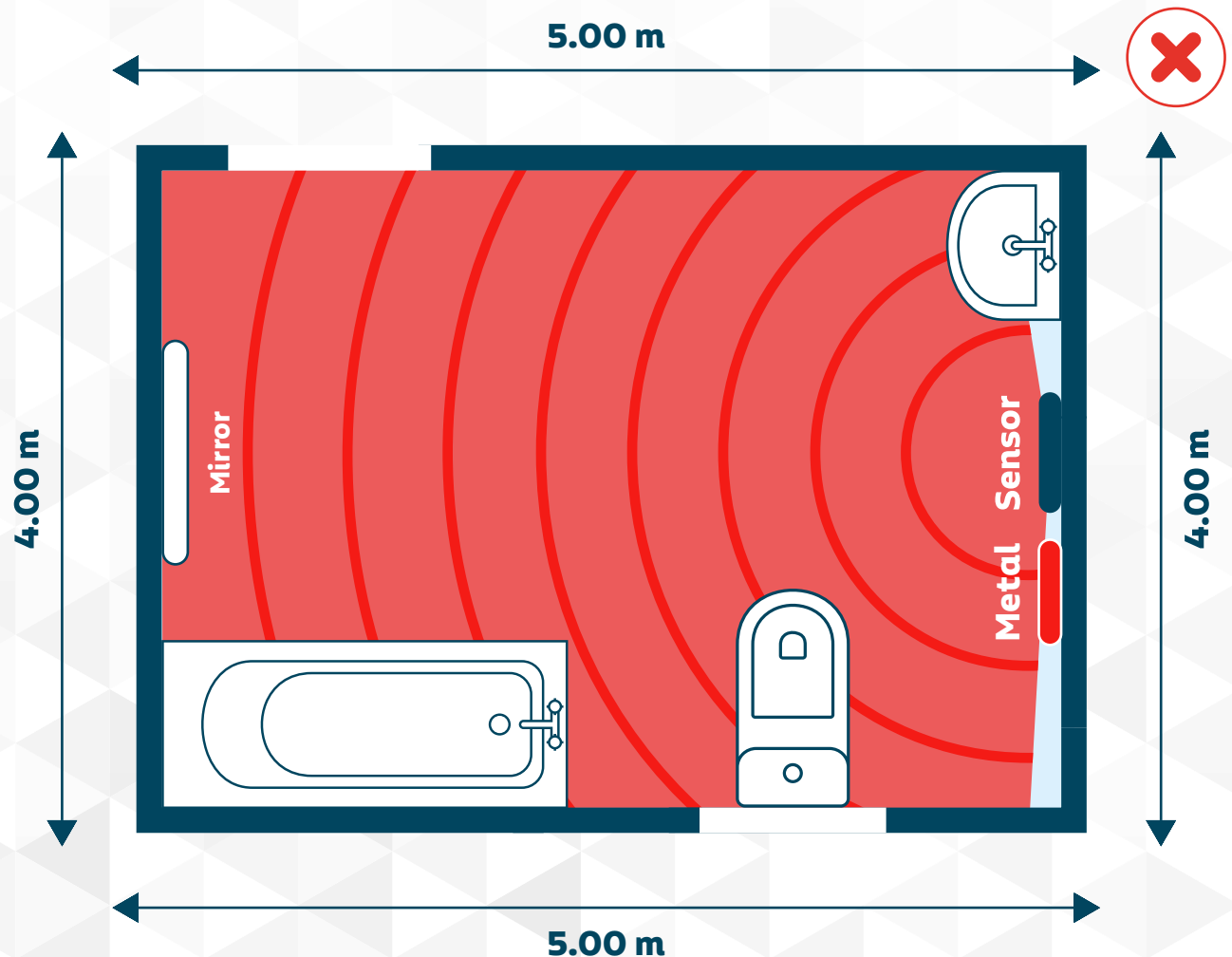
# Make sure the device isn't facing a mirror.

Just like in other rooms, you need to avoid mounting the device directly opposite a mirror, otherwise it could mistake the signals it receives for a person.



# Make sure the device isn't right next to any metal.

Please remember:  
metal objects are also  
highly reflective of radio  
waves and can cause signal  
interference, so don't mount  
our device next to a metal  
towel ring or rail.



**Following these guidelines will ensure that Vayyar Home is able to provide the **ultimate** in fall detection and rich resident data.**

