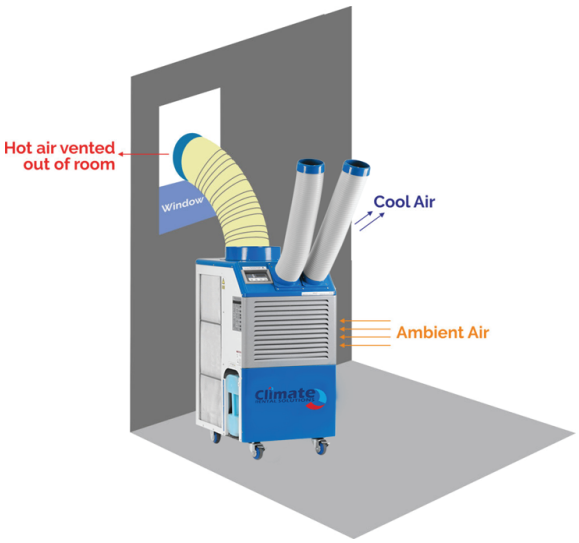
4 ways to vent a portable air conditioner

- Through a false/drop-ceiling
- Through a door
- Through a window
- Through a wall

How to vent a portable ac unit?

The warm air has to go somewhere, and ideally, that is outdoors. Therefore, **the easiest and most convenient way to vent a portable air conditioner by utilising a false/drop ceiling and venting up into the ceiling cavity. Venting through a false/drop-ceiling:** The cavity between a real ceiling and a rop-ceiling is ideal for venting hot air. However, there are some situations where venting into the ceiling is impossible. So, what can you do?

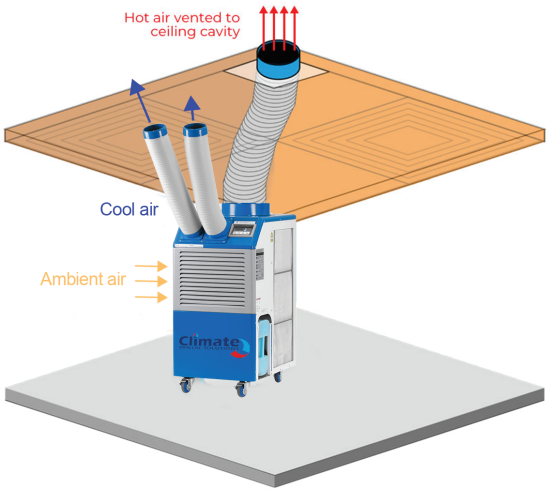
Vent through a door: Every room has a door. Using one to vent is the second most common option after a ceiling. It's important to know where the door leads because if it's another room, the solution may not be effective. Ideally, the door should open to an outdoor space such as a balcony or store room.



Vent through a wall: You can attach the exhaust hose to a wall vent. In this way, air can be vented outside or into another room, such as a utility room or garage.

Vent through a window: Another option is out the window, most rooms have windows. However, there are some situations where venting out of a window is impossible or a room has no windows

Other options include venting through an unused chimney or an attic if available.



What to do if venting is not possible?

When venting outside is not possible, there are other available options to keep you cool. Portable split air conditioner

A portable split air conditioner

consists of a mobile indoor unit and a portable outdoor unit with an exhaust vent. The two units are connected by a hose containing the refrigerant, condensate pipes and power cables. One disadvantage of split systems is that hose length is limited. This means you may not be able to place the indoor unit where it will give you the most benefit.

Portable evaporative cooler

An evaporative cooler uses water-soaked pads to cool the air. A fan pulls in hot air, which evaporates as it passes over the pads and blows out cooler than when it entered. Evaporative coolers are ineffective in humid environments because the air is already filled with moisture.

Fans

If you have no other options, try free-standing or desktop fans. They will provide some relief by sending a cooling breeze your way. To increase the cooling effect, mist yourself with water from a spray bottle. However, during a heatwave, fans do nothing more than blow hot air across the room.

Typically, most rooms with windows and doors should have some venting capability. But if you are unsure, it's always best to consult with an experienced professional.

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