

## What is Condensation?

Condensation in a house is the result of warm, moisture-laden air encountering colder surfaces, causing the air to release its moisture in the form of water droplets. This phenomenon is often noticeable in areas such as bathrooms, particularly after hot showers, and in cooking spaces where steam is produced. Uninsulated cold water pipes or tanks can also attract moisture from the air, leading to condensation. To prevent these issues, ensuring proper ventilation, addressing any water leaks, and managing indoor humidity levels are essential practices for maintaining a comfortable and dry living environment.

## Where is it coming from?



**Dishes**  
1.0 Litres/Day



**Pot Plants**  
Litre for Litre



**Cooking**  
3.0 Litres/Day



**Clothes Washing**  
500mL/Day



**Showers and Baths**  
1.5 Litres/Day Per Person



**Gas Heater  
(Unflued)**  
1.0 Litres/Hour



**Clothes Drying  
(Unvented)**  
5.0 Litres Per Load



**Breathing**  
20 mL/hour per  
person

# Reducing Condensation

As condensation is created by household activities, simply installing new windows will not fix the problem. There are a variety of methods to help minimise the chance of condensation.

## 1. Ventilation

Proper ventilation is crucial to a healthy and dry home. Opening windows often and keeping them open, even a small amount, can help reduce condensation.

We offer options that allow our windows to be lockable while still providing natural passive ventilation.

Newer homes are built more airtight and have less natural airflow, so it is important that when performing tasks such as cooking, drying clothes or having a shower, that you allow water vapour to escape outside.



These devices draw moisture from air in the room and deposit it into a container for disposal. They are useful for reducing moisture but can add extra costs as they use power to operate.

## 2.

### Dehumidifiers

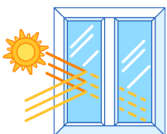
## 3. Double Glazed Windows

Double Glazing helps keep the inside surface warmer and so reduces the likelihood of condensation forming on windows. It is important to note that moisture is still present even if it does not show.



## 4.

### Thermally Efficient Windows



These help to reduce and prevent the transfer of heat energy through the window frames. This therefore helps reduce condensation on windows. These should only be used with Double Glazing.