

# Frosted Windows & Doors?



# Why your brand new windows have frost and condensation.

## 1

Energy efficient homes are increasingly airtight, which can trap stale humid air indoors, causing condensation and frost build up on your windows and doors.

## 2

Without an air exchange system, your home will have negative air pressure and it will “suck” air in through the new paths of least resistance. This can be around doorknobs, or the interface where window glass meets the frame of the window making the temperature on those surfaces lower than other surfaces in your home.

## 3

Old, leaky windows that were previously exchanging air are now properly sealed. Old windows allow warm air to escape, whereas new windows have spray foam and sealants around the frame that prevent air escape. Removing the draft is essential for good energy efficiency, but it can cause condensation if your home doesn't have adequately ventilated air.

## 6 ways to prevent condensation.

Take interior screens off the opening windows during cold winter months to promote better airflow across the surface of the glass.

Raise your blinds—even if it is just an inch or two, it will help get airflow across the glass.

If you have an exterior-vented fan in the home, such as in the bathroom or kitchen, use it; this is especially important during/after showering, cooking, etc.

Run a fan in the rooms where condensation is prevalent to help circulate air in the room.

Run ceiling fans on the winter setting—clockwise rotation on a low setting to draw the cold air up and push warm air down.

Use a dehumidifier to manage the Relative Humidity (RH) levels in the home. To determine the RH levels in your home, you can purchase an inexpensive Hygrometer at most hardware stores; as the temperature drops outside, the RH level in your home should also drop.