

**\*Window Wize\***

What is condensation?

Condensation commonly occurs when a vapor is cooled to its dew point. The average family produces about 10 liters of moisture a day from activities such as cooking, bathing and washing dishes.

Windows and patio doors are the most common places to visually determine if you have high levels of humidity in your house as they show the most noticeable signs of moisture. Condensation on the windows is little more than a nuisance, but condensation on walls and ceilings may peel paint and hidden condensation may lead to problems ranging from mould, mildew and rot, to stains on the walls and ceilings. Humidity can be easily controlled by turning on exhaust fans ducted outside when boiling water or having a shower; also ensure that your clothes dryer is vented outside and also turn off the furnaces humidifier in the winter months. A high quality multi-glazed window can also reduce the amount of condensation on your windows by allowing you to carry higher levels of humidity in your house before dew forms.

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Another key item to look for in the construction of an annealed window is the spacer bar which separates the two or three panes of glass, one that is constructed of foam is going to have much less cold transfer from the exterior to the interior versus one made of metal. Another option that is available to reduce cold transfer is Argon gas filled unit. Argon gas is denser than air and slows the transfer of cold/heat through the glass.