



Facts about Window Condensation

Condensation is the deposits of water vapor from the air that gather on a cold surface whose temperature is below the dew point, like a cold window frame or cold glass that is exposed to the interior humidity. Condensation is a result of humidity from indoor air and outside air. Windows are not to be blamed for condensation problems; it is the moisture of the indoor air that is the true cause of window condensation. Keeping the humidity in your home lower, will make it less likely that condensation will occur, however the efficiency of your windows will also affect the levels at which condensation appears.

The main factor in energy efficient windows reducing condensation is that windows with low "U-Factors" will result in the inside glass temperature being similar to the room temperature, thus lowering condensation problems. The same is true for windows with non-metal frames and warm edge technologies. If you are experiencing too much condensation on your windows, then the humidity inside your house is too high. You can take steps to reduce the humidity in your home until the condensation virtually disappears.

Some of the more common steps to reduce condensation include:

- Venting Clothes Dryers and Gas Burners to the outside.
- Using Kitchen and Bathroom Exhaust Fans regularly.
- Checking all ventilation equipment for proper functionality.
- Airing out the Kitchen, Bathroom and Laundry Room after use.
- Attic and Crawl Spaces are properly ventilated.
- Inspect Humidifiers for proper temperature settings.

Occasional condensation is commonplace, especially during changing seasons of humid summers to cooler falls. However, if chronic condensation occurs on a window, it can lead to more severe problems such as peeling paints, rotting wood or rusted metal.