

# What is Exterior Condensation



Occurs when dew point temperature is approaching the outside air temperature

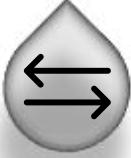


The air is saturated and cannot hold any more moisture



The vapor forms droplets, on grass, cars, roof/siding, and window glass

## Why didn't this happen on my old windows?



Older less-energy efficient windows allowed warmth from inside the home to reach the outside glass pane, which warmed the exterior glass and then dissipated the moisture on it. This is a side effect with older windows that you didn't know you had.



Newer, more energy efficient windows will not allow as much warmth from the inside to reach the outside glass pane, therefore the pane will be cooler, and it cannot dissipate the exterior condensation.



The new window IG is acting like an insulated wall where the warmth stays to the inside, which is what you want in the new windows.



Moisture also forms on other exterior surfaces, such as siding, and the new energy efficient IG is acting in the same manner.



Moisture on the outside pane of glass is normal and the new windows are functioning correctly. The condensation will dissipate when the outside air temperature rises.