



Window Condensation

If moisture is between the glass and cannot be wiped off, it is possible there is a seal failure and should be repaired (possibly under 20-year warranty). Please contact HCS at 515-233-4450.

If moisture is on the interior of the glass and wipes off, it is likely due to the humidity levels in the home. When a home is brand new, condensation is quite common. The new materials in the home have not acclimated to the interior climate of the home. The wood, paint, drywall, etc. are drying out and putting excessive moisture into the air. Additionally, new homes are much tighter today than before which traps the humid air within the home. Condensation is also a byproduct of environmental factors and occurs when the glass temperature is below or reaches the dew point within the home. Condensation/frost should dissipate significantly over time as the home reaches a moisture equilibrium.

It is recommended to follow these steps to help with and/or avoid condensation/frost:

1. Turn down the humidifier on the furnace if there is one as they typically put more moisture into the air than what they say they are set on. If it is very cold out, customers may need to turn off the humidifier to stop condensation.
2. Turn the furnace fan on and let it run constantly to allow an increase of air circulation.
3. Remove the window screens when on the inside to allow an increase of air circulation across the glass.
4. Open/lift the blinds/window coverings so air can get to the windows. This increases air circulation across the glass.

The easiest way to control/avoid condensation is to control humidity within the home.

<https://www.youtube.com/watch?v=OiejHVHrdOo> explains relative humidity and dew points along with how they are affected by temperature.