

St. Anthony NE Condominium Association Inline Window Condensation and Frost



This flyer is to address issues some owners may be facing regarding frost buildup on their Inline windows. Condensation isn't abnormal, especially in Minnesota winters. The frosting, however, is and likely occurred due to the insufficient airflow to the surface of the window, resulting in the inevitability of the interior surface of the glass reaching frost point. Ultimately, glass can only insulate so much. **It is important to understand that no matter what window is installed, there is always the possibility that it will condensate or frost up.**

When the surface of the windows is not being exposed to any cycling of warm air from the interior, it is likely that eventually condensation will frost. The threat of condensation becomes increasingly prevalent the colder the outdoor temperature becomes. The colder the outdoor temperature, the lower the relative humidity should be on the interior.

Here are some steps you can take prior to cold snaps to prevent frost and ice buildup from happening:

1. Keep the blinds, shades or curtains open whenever possible and approximately 6" at night.
2. Do not put blankets or pillows in contact with the window frame.
3. Keep good air circulation in the unit. Ceiling fans or any other fans will help circulate that air and keep the windows warmer.
4. Maintain a humidity level that corresponds with the outside air. The colder it is outside, the less humidity should be on the inside.
5. Keep doors in the home open, particularly in the bathroom to keep household airflow moving.
6. Use ventilation fans in bathroom when showering and above the stove when cooking.
7. Keep interior temperature slightly higher resulting in drier air.