



## Clean Entrance Systems:

Clean Entrance Systems, Inc. leverages innovative products and industry knowledge to achieve optimal indoor air quality (IAQ).

**Humidity** is a key component to IAQ that optimizes our immune system and protects our furnishings and fine art. Our proprietary system - **CondensationControl™** - utilizes UL-approved technology to effectively mitigate window frame condensation. Even during cold winter months, residents may achieve a 40% + humidity level without the water/ice accumulation on interior window frames. This product is just one of the many smart solutions **Clean Entrance Systems, Inc.** brings to our clients who desire a healthier, safer and cleaner indoor environment.



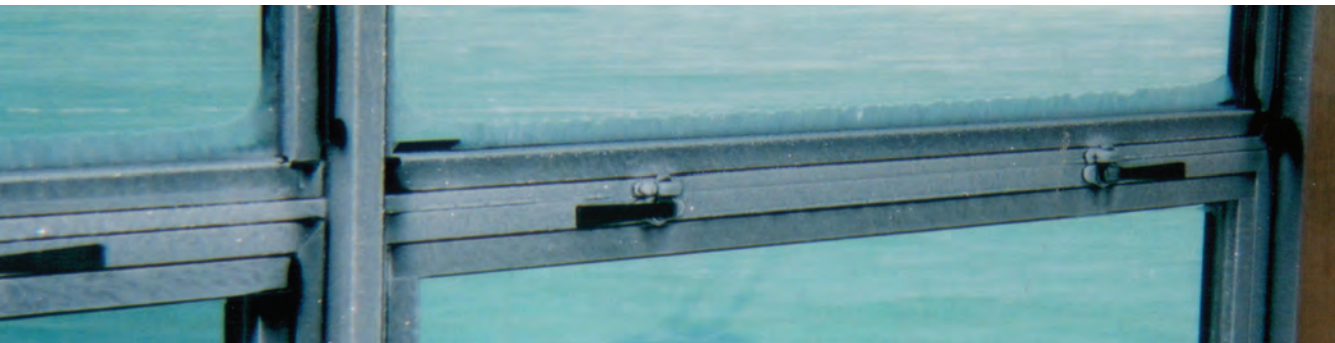
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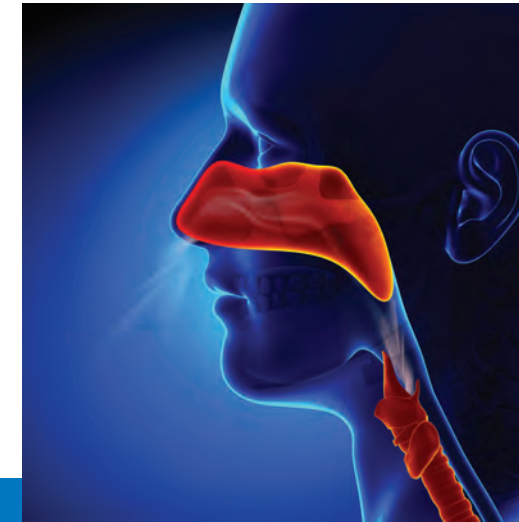
## The Problem:

During winter months, indoor window frame condensation can form, freeze and thaw, causing damage to interior finishes. In some high rise buildings, the cause of the issue is a permanent, non-insulated window frame system. Unfortunately, this window frame system is tied into the structure of the building and cannot be replaced.



Without a structural solution, condensation is typically controlled by limiting indoor humidity levels (below 20-25% Relative Humidity) but this solution has consequences. Current research shows that optimal indoor humidification levels should be at least 40% Relative Humidity.

*Living with low levels of humidity can have detrimental effects on health and home:*



- Compromised immune system:
  - Pathogens bypass bodies defense mechanism by entering blood stream through cracked lining at nasal passage
  - Dry air compromises mucous production, leaving us more vulnerable to deeper lung infections
- Dry air produces more airborne, aerosolized virus from respiratory droplets
- Eye irritation, chapped skin, and nose bleeds
- Increased severity of asthmatic conditions and allergies
- Damage to fine art (i.e. acrylic paintings) and wooden artifacts
- Damage to antiques, fine furniture, and gapping at hardwood floors

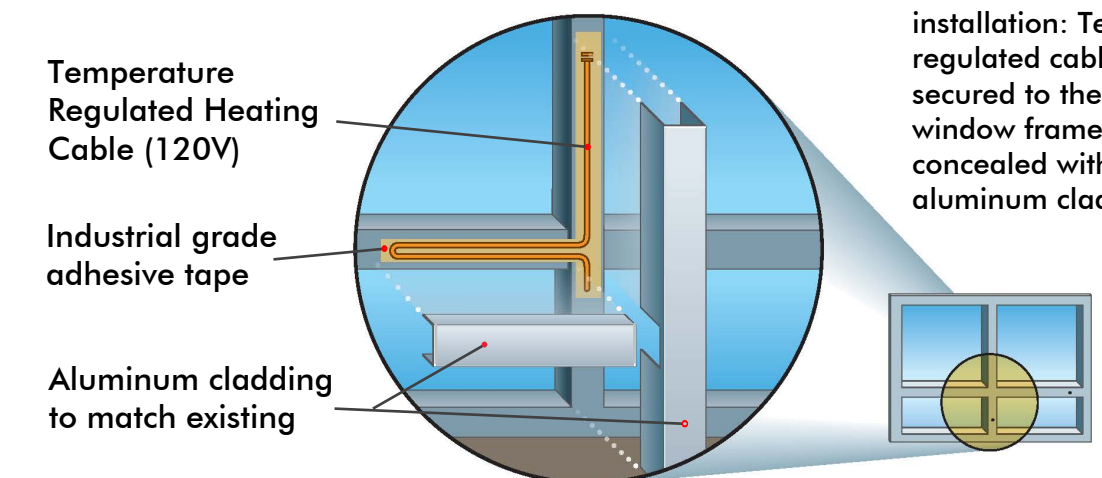


## The Solution:

Our patent-pending CondensationControl™ is the only discreet, effective solution for this vexing problem. Our system safely and strategically applies heat to the window frame, deterring condensation so proper humidification levels (40% +) can be achieved. Installing a CondensationControl™ system will not physically disrupt the window frame, and adheres to all standard Condominium By-laws.

  
CondensationControl™

### HOW IT WORKS:



Left: This figure illustrates a [CondensationControl](#) installation: Temperature-regulated cables are secured to the existing window frame and concealed with custom-fit aluminum cladding.