



WINTER STORM CHECKLIST

Elevator Protocol



STORM PREPAREDNESS

Winter storms are surely on their way, so it is best to get prepared now. Although the snow may create a fairytale landscape, high winds and dropping temps can prove to be a nightmare to your property & your elevator equipment. Not to worry - we've compiled some helpful tips to keep your elevator running smoothly throughout the chill of winter.

When the mercury starts to plummet, be sure to keep your elevator warm and dry. Include the following items in your Winter Checklist to minimize the chance of damage & to protect your property from preventable and costly elevator repairs.

ELEVATOR WINTER CHECKLIST

- **Temperature Management** - Always ensure your elevator room is between 45 and 90 degrees Fahrenheit with relative humidity not exceeding 85%. If temps & humidity get outside of this range, your elevator equipment will be more apt to malfunction or require costly repairs.
- **“Run” Hydraulic Elevators before the Rush** - If you have a busy morning traffic pattern, it's recommended to run the elevators to the middle floors and back a few times in the morning to circulate the oil. Warm oil will pass more smoothly through the piston & valves, reducing wear and improve piston performance.
- **Weather Stripping** - Should your machine room be subject to the outdoor elements, check the seals around your doors, windows and vents for wind and water entrance. Replace or repair any damaged or leaking areas before the winter freeze sets in.
- **Reinforce Windows** - If your machine room has windows, these can be blown out by strong winds. To prevent water damage, fasten sheets of plywood over the windows. This will help protect your equipment and maintain a consistent temperature in your machine room.
- **Prepare for High Water** - Park all elevators near the center of the hoist way to prevent potential water damage from accumulation in the pit during rains & winter thaw. If the cab or travel cables become damp or submerged in water, they will require extensive & costly repairs.
- **Select Good Entrance Mats** - Preventing rock salt & sidewalk deicers from being tracked into your building will help prevent slip hazards & may also reduce premature wear of your elevator's door sills and equipment. "An ounce of prevention is worth a pound of cure."

PROACTIVE EQUIPMENT UPGRADES

There is still time to get your elevator equipment upgraded before winter causes havoc around your building. These three options can greatly impact your guests' experience when the temperatures drop..

- **Tank Heater** – *Maintain the oil temperature in the reservoir of hydraulic elevators.*
- **Hydraulic Battery** – *Reduces the risk of an entrapment in the event of a power outage.*
- **Electronic Control Valves** – *Provide optimal ride quality regardless of temperature.*

Following these safety tips will help keep your building, employees and elevators safe from winter's bite. To inquire about upgrades, schedule an inspection or request additional maintenance before winter sets in, please contact Liberty Elevator today.

Contact Us



PREVENTATIVE MEASURE FOR A HEALTHY ELEVATOR