

ELECTREK

THE CALGARY WINTER-READY ROOF & GUTTER GUIDE

HOW TO PREVENT ICE DAMS: THE HOMEOWNER'S CHECKLIST

Phase 1: The October "Dry Run"

Master Electrician technical checks to ensure your system's "neural network" is healthy.

- The GFEP "Snap" Test:**
Locate your de-icing breaker. Press the small "Test" button. It should snap OFF instantly. Reset it to confirm 30mA Equipment Protection is active.
- The 15-Minute Warm-Up:**
Switch the system to ON. After 15 mins, safely feel the cable. It should be slightly warmer than ambient air.
- The Controller Calibration:**
Ensure the probe is clear of dust or summer cobwebs. A dirty sensor is a "blind" system.

Phase 2: Physical Gutter Integrity

Thermal defense only works if the "plumbing" is clear.

- Debris Clear-Out:**
Remove all organic matter. Decaying leaves create acidic mulch that ages cable jackets prematurely.
- Clip Tension Check:**
Ensure gold Electrek clips are tight. Wind or birds can shift cable alignment over summer.
- Downspout Pathing:**
Verify cable extends all the way into the downspout to prevent "bottom-up" ice blockages.

Phase 3: The "Chinook" Adjustment

Active management for Calgary's unique weather cycles.

The Melt-Cycle Reset:

During a Chinook, once eaves are bone-dry, toggle the system OFF to maximize energy savings (Low-OpEx).

The Pre-Blizzard Activation:

If a major storm is forecasted, turn the system ON 2 hours early. It's easier to keep a gutter clear than to melt a frozen one.

PRO-TIP: THE NEURAL UPGRADE

Tired of checking the weather? Ask about our **Automated Moisture Sensors**. Our systems think for themselves, activating only when needed while keeping your utility bills at a minimum.

NEED A PROFESSIONAL AUDIT?

If your breaker won't reset or you notice cable damage, call your Calgary Master Electrician immediately.

(403) 804-0708

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