Seattle City Light

Conserving Energy for a Sustainable Future

STAY COOL AND SAVE ENERGY by insulating your walk-in freezers and coolers.

FLEXIBLE INSULATION DOORS

Seattle City Light will pay up to 70% of the total cost to install flexible insulation doors.

Keep the cold air in with flexible insulation doors.

Grocery stores have a great solution to keep chilled air in – or warm air out – clear, flexible swinging insulation doors for walk-in freezers and coolers. These doors serve as a see-through barrier for use when the main door must remain open for loading or unloading materials, while providing easy in-and-out access for employees. An automatic door closure feature helps protect perishables.

Engineered for maximum durability, flexible insulation doors save energy and maintenance costs by maintaining a consistent temperature in refrigerated spaces. These doors are not a replacement for main doors, but provide an energy savings solution to non-existent or inefficient strip curtains.

Save energy and money with help from Seattle City Light

Seattle City Light offers cash rebates up to 70% of the total project cost to install flexible insulation doors for your walk-in freezer/cooler (estimated at $9.00/ft^2 of door). Project payback is typically less than one year. You may qualify for this rebate if your walk-in doors currently DO NOT have strip curtains. See reverse for details.

HOW TO GET YOUR SEATTLE CITY LIGHT REBATE

1. Call (206) 684-3800.
2. Work with a Seattle City Light energy analyst to evaluate your project and estimate your rebate and energy savings.
3. Secure authorization from Seattle City Light prior to your contractor starting work.
4. Proceed with installation and contact Seattle City Light for final verification when work is complete.

Learn more about Seattle City Light cash rebates.
Call (206) 684-3800 or visit www.seattle.gov/saveenergy.

Rebate details

Seattle City Light offers cash rebates to install flexible insulation doors. Rebates are available only when walk-in doors currently DO NOT have strip curtains.

Rebates are calculated at $9.00/ft^2 of the door and can pay up to 70% of the total project cost. Project payback is typically less than one year.

Installation requirements

- When in a fully open position, doors must move to a fully closed position in less than three seconds after door release.
- Door(s) must swing both ways — opening into the walk-in compartment when pushed from outside the walk-in, and opening out of the walk-in compartment when pushed from inside the freezer or cooler.
- Doors must open in either direction from the at-rest closed position with an application of one or fewer pounds of pressure.
- Door panels must be designed to resist wear and tear from the impact of hand trucks, carts, forklifts, etc. Door material must be at least equivalent to PVC in wear and tear resistance.
- Minimum flexible door thickness must be .08" (2.03 mm).
- Door panels must maintain flexibility and material integrity to at least -20 degrees Fahrenheit (-29 degrees Celsius).
- Hinges must be spring-loaded or contain a mechanism to ensure rapid automatic door closure after being opened (when no pressure is being applied to keep the doors open). Ideally, the closing mechanism should be adjustable to increase or decrease the speed at which doors close.
- The design of the doors and hinges must be such that the least open space exists: between the doors (if double doors); along the edges of the doors, including along the top of the door; and, around all hinge parts. Specifically,
  - When double doors are closed, there will be no less than a 0.5 inch overlap at any point where the two doors come together.
  - The doors will have no more than a 0.5 inch gap at any point between the doors and the door frame. Whenever possible, the gap will be 0.16 inch or less.
  - If the hinge-door mounting to the door frame can not be configured such that there is no gap between the hinge and the doors mounted on the hinges, you must use a configuration that maximizes gap reduction between the hinges and mounted doors.
- The door hinges must be made of rust and corrosion-resistant materials, such as stainless steel, galvanized metal, etc. that will resist rusting for a minimum of five years.
- Hinges and other door hardware must be located out of the range of normal traffic patterns into and out of the walk-in compartment.

Why we pay rebates for energy conservation

Seattle City Light offers rebates to help customers save energy because it is the most cost-effective way to meet our future electricity needs. When customers reduce their electricity use, it helps us conserve our hydro resource and avoid the expense of building new power plants or buying electricity on the open market.

Our mission

Seattle City Light is a publicly owned utility dedicated to exceeding our customers' expectations in producing and delivering environmentally responsible, safe, low-cost and reliable power. Over 90% of our electricity is produced by clean, renewable hydro power and wind generation. Seattle City Light is committed to delivering the best customer service experience of any utility in the nation.

Reduce your carbon footprint

The City of Seattle is a national leader in protecting the environment. Seattle residents and businesses are joining in efforts to help reduce the negative impacts of climate change.

To qualify for the rebate, you must obtain project approval from Seattle City Light prior to purchase or installation of equipment or materials. This program may change without notice and is subject to the availability of funds.

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Seattle City Light 700 5th Avenue, Suite 3200 MS901-480 PO. Box 34023 Seattle, WA 98124-4023 (206) 684-3800