

Instructions: Complete the Incentive Calculation Worksheet below for measures being installed. Include all supporting documents such as specification sheets, technical specifications or data for measures being installed where applicable.

Note: Incentives 2, 3, 4, 7, 8, and 10 are based on your location. Choose from options: 1. Winnipeg; 2. Outside Winnipeg; 3. Above the 52nd parallel.

	Meas. no.	Temp. ¹	EXISTING technology	NEW technology	Type of qualifying product ²	Type of qualifying measure ³	A	B	C
							Incentive ⁴ per unit (\$)	Quantity	TOTAL INCENTIVE (C = A x B) (\$)
DISPLAY CASES	1a	M	Open vertical display case	New vertical display case with standard doors	R	RP	\$100 / linear ft	linear ft	= \$
	1b	L	Open vertical display case	New vertical display case with standard doors	R	RP	\$100 / linear ft	linear ft	= \$
	1c	L	Open vertical display case	New vertical display case with special (heat free) doors	R	RP	\$150 / linear ft	linear ft	= \$
	1d	L	Vertical display case with doors	New vertical display case with special (heat free) doors	R	RP	\$50 / linear ft	linear ft	= \$
	1e	L	No previous existing equipment (no temperature)	New vertical display case with special (heat free) doors	R	N	\$50 / linear ft	linear ft	= \$
	2	L/M	Vertical display case with standard doors	Install ASH controls to vertical display case doors	R	N	1 \$100 / door 2 \$120 / door 3 \$180 / door	door(s)	= \$
	3	L/M	Open vertical display case	Install night covers on vertical display case	R SC	N	1 \$9 / linear ft 2 \$12 / linear ft 3 \$18 / linear ft	linear ft	= \$
	4	L	Open horizontal display case	Install night covers on horizontal display case	R	N	1 \$9 / linear ft 2 \$12 / linear ft 3 \$18 / linear ft	linear ft	= \$
MECHANICAL	5	L	Standard compressor for remote display case	Install high-efficiency compressor for remote display case	R	N RP	\$100 / ton	ton(s)	= \$
	6	L/M	Standard evaporator fan motor for any refrigeration device	Install ECM evaporator fan motor for any refrigeration device	R	RP	\$100 / motor	motor(s)	= \$
WALK-IN BOX	7	L/M	Open entrance to walk-in box	Install strip curtain to entrance of walk-in box	R SC	N	1 \$3 / sq ft 2 \$5 / sq ft 3 \$7.50 / sq ft	sq ft	= \$
	8	L/M	Manual door on walk-in box	Install automatic door closer on walk-in box	R SC	N	1 \$50 / closer 2 \$80 / closer 3 \$120 / closer	closer(s)	= \$
LIGHTING	9	L/M	T8/T10/T12 vertical case lighting	Replace T8/T10/T12 lighting with LED lighting in vertical case	R SC	RP	\$1 / watt saved	<i>See LED lighting for refrigerated cases page for calculation</i>	= \$
OTHER	10	L/M	Walk-in box or display case with worn door gaskets	Install new door gaskets to walk-in box or display case doors	R SC	RP	1 \$5 / linear ft 2 \$8.50 / linear ft 3 \$12.75 / linear ft	linear ft	= \$
	11	L/M	Time initiated defrost controls on stand alone refrigeration system	Install new evaporator efficiency controller on stand alone refrigeration system	R	N	\$500 / controller	controller(s)	= \$
TOTAL INCENTIVE PAYABLE (\$) →									\$

¹ Temperature definitions:

L Low: below -18 C (0 F)

M Medium: between -17 C (1 F) and 7 C (45 F)

² Remote (R) or Self-contained (SC), check type if option is listed

³ Replacement (RP) or New (N), check type if option is listed

⁴ Location-based Incentives:

1 Winnipeg

2 Outside Winnipeg

3 Above 53rd parallel

Temperature definitions:

Low refers to refrigerated space temperatures below -18°C (0°F).

Medium refers to refrigerated space temperatures between -17°C (1°F) and 7°C (45°F).

Display cases**1a. New reach-in with standard doors**

(medium temperature)

Replace an existing medium temperature open vertical display case with a new medium temperature reach-in with standard glass or acrylic doors. New case must contain LED lighting and ECM motors. New case length must be equal or shorter than the original case. The efficiency of the new case lighting and motor(s) must be at least as efficient as that of the case being replaced.

The Incentive for this measure applies to remote cases only. The Incentive is based on the linear footage (horizontal length) of the cases installed.

1b. New reach-in with standard doors

(low temperature)

Replace an existing low temperature open vertical display case with a new low temperature reach-in with standard glass or acrylic doors. New case must contain LED lighting and ECM motors. New case length must be equal or shorter than the original case. The efficiency of the new case lighting and motor(s) must be at least as efficient as that of the case being replaced.

The Incentive for this measure applies to remote cases only. The Incentive is based on the linear footage (horizontal length) of the cases installed.

1c, 1d, 1e.**New reach-in with special (heat free) doors [no Anti-Sweat Heater (ASH) controls]**

(low temperature)

Replace an existing vertical display case (open or reach-in with standard glass or acrylic doors) with a new display case containing special doors with no ASH controls, the type that eliminates glass heating. The Incentive is limited to low temperature vertical display cases only. Doors must prevent condensation from taking place within the frame assembly. Doors must have either heat reflective treated glass, be gas filled, or both. Doors must have three (3) or more panes.

This Incentive applies to remote cases only. The Incentive is based on linear footage (horizontal length) of the doors installed. This Incentive cannot be used in conjunction with ASH controllers.

2. Anti-Sweat Heater (ASH) controls for vertical display case with doors

(low or medium temperature)

Install a device that reduces the operation of the ASH controls by at least 50 per cent (from 100 per cent) for the glass door and door frame. Technologies that reduce or turn off ASH controls based on simple timing or by sensing humidity or condensation qualify. Timer must not be equipped with a "hold-on" feature.

This Incentive does not apply to the Special (Heat Free) Doors [No Anti-Sweat Heat (ASH) Controls] measure. The Incentive for this measure applies to remote cases only. The Incentive is based on the number of doors controlled.

3. Night covers for open vertical display case

(low or medium temperature)

Install a cover on an otherwise low or medium temperature open vertical display case to decrease infiltration of warm air into the case at night. The case manufacturer must have no objections to the use of such covers. It is recommended that film type covers have small, perforated holes to decrease moisture buildup.

The Incentive for this measure applies to self-contained or remote cases. The Incentive is based on linear footage (horizontal length) of night cover installed.

4. Night covers for open horizontal display case

(low temperature)

Install a cover on an otherwise low temperature open horizontal display case to decrease infiltration of warm air into the case at night. The case manufacturer must have no objections to the use of such covers. It is recommended that film type covers have small, perforated holes to decrease moisture buildup.

The Incentive for this measure applies to remote cases only. The Incentive is based on linear footage (horizontal length) of night cover installed.

Mechanical

5. High efficiency refrigeration compressor

(low temperature)

Replace an existing low temperature compressor that has an energy efficiency rating (EER) of 4.86 or less with a low temperature compressor that has an EER of 5.2 or better. The EER rating is based on the following conditions: Saturated Suction Temperature (SST) = -32°C (-25°F); Saturated Condensing Temperature (SCT) = 41°C (105°F); Maximum Suction Return Gas Temperature = 18°C (65°F); Zero degrees of sub cooling.

The Incentive for this measure applies to remote cases and walk-ins. The Incentive is based on new compressor capacity in tons at standard conditions aforementioned.

6. Electronically Commutated Motor (ECM) evaporator fan motor for display case or walk-in

(low or medium temperature)

Applicable to existing standard efficiency shaded pole evaporative fan motor on low or medium temperature display cases and fan coil system of low or medium temperature walk-ins. Standard efficiency fan motor(s) must be replaced by ECMs.

The Incentive for this measure applies to remote cases and remote walk-ins only. The Incentive is a fixed amount per motor installed.

Walk-in box

7. Strip curtains for walk-in entrance

(low or medium temperature)

Install new strip curtains on the entrance of low or medium temperature walk-ins.

The Incentive for this measure applies to self-contained or remote walk-ins. The Incentive is based on square footage of strip curtain installed.

8. Automatic closer for walk-in door

(low or medium temperature)

The automatic closer should be applied to the main insulated door of a low or medium temperature walk-in. The automatic closer must be able to firmly close the main door of the walk-in whenever it is closed to within one inch of full closure.

The Incentive does not apply to new doors with self-closing mechanisms as standard equipment. The Incentive for this measure applies to self-contained or remote walk-ins. The Incentive is a fixed amount per automatic closer installed.

Lighting

9. LED case lighting

(low or medium temperature)

Replace existing T8/T10/T12 vertical case lighting with LED lighting fixtures. Refer to Efficiency Manitoba's Business Lighting Program Technical Specification Guide to view product eligibility for LED light fixtures.

The Incentive for this measure applies to self-contained or remote cases. Only permanent installations of LED lighting are eligible.

Other

10. Door gaskets for walk-in doors or vertical display case doors

(low or medium temperature)

Replace a worn gasket on the door of a low or medium temperature walk-in or display case. Replacement gaskets must meet the manufacturer's specifications regarding dimensions, materials, attachment method, style, compression, and magnetism, etc.

The Incentive for this measure applies to self-contained or remote cases. The Incentive is based on linear footage of gasket installed.

11. Evaporator efficiency controllers

(low or medium temperature)

Install new evaporator efficiency controls to replace time initiated defrost controls in medium and low temperature stand alone refrigeration systems.

The incentive for this measure applies only to systems which use electric defrost.