



2023 Chillers and Air Handling Rebate Application

PO Box 430 | Elk River, MN 55330 | 763.441.2020

Business Customer Information

Business Name _____
Installation Address _____
City, State, Zip _____
Contact Name _____
Phone Number _____ Email _____
Account Number _____

Rebate Recipient

To release the rebate incentive check to an alternate party other than the Elk River Municipal Utilities business customer, the customer must specify an alternative recipient, mailing address and authorize with a signature below.

Please Send Rebate to (check one):

☐ Business Customer ☐ Alternative Recipient

Recipient Name _____ Email _____
Mailing Address _____
City, State, Zip _____
Contact Name _____ Phone _____

Vendor Information

Vendor Name _____ Email _____
Mailing Address _____
City, State, Zip _____
Contact Name _____ Phone _____

Application Check List

- ☐ Call ERMU to check for available funds
- ☐ Rebate application with signature
- ☐ Itemized project invoices (labor & materials)
- ☐ Questions: Call Tom Sagstetter at 763.635.1332 or email at tsagstetter@ermumn.com
- ☐ Equipment specifications

The undersigned does hereby certify that the undersigned is solely responsible for the accuracy of the information contained in this application. All rules of the program have been followed and the installation is complete. The undersigned acknowledges that nothing contained in the application imposes any liability on Elk River Municipal Utilities (ERMU) for the work performed and information presented by the customer, customer's engineer, contractor, or vendor. The undersigned also authorized payment of incentive directly to the specified rebate recipient.

Rebate applications due no later than December 15, 2023.

Customer Signature

Date

Title:

Chillers & Air Handlers (VAV)

Rules & Information

Warranty Information

Rebate qualifications do not imply any representation or warranty of such equipment, design or installation by ERMU. ERMU shall not be responsible or liable for any personal injury or property damage caused by this equipment. ERMU does not guarantee that a specific level of energy or cost savings will result from the implementation of energy conservation measures or the use of products funded under this program. In no event shall ERMU be liable for any incidental or consequential damages.

General Program Rules

1. Installation must be complete before application is submitted and funds are issued.
2. Customers and vendors must submit itemized equipment invoices, rebate application, and manufacturer equipment specifications. To ensure that the equipment installed meets ERMU's performance standards, these invoices must itemize labor charges, quantity and price of the equipment installed, as well as information regarding the manufacturer and model numbers for all equipment included in the rebate.
3. ERMU reserves the right to conduct random inspections of installations.
4. Rebates must be applied for within 12 months of invoice date.
5. Project must comply with all program specific rules and qualifications.
6. The customer is responsible for checking with ERMU to determine funding availability and to verify program parameters.
- 7. The rebate shall not exceed 50% of materials cost OR project cost up to \$30,000 per customer.**

Chillers

1. No rebates will be provided for back-up systems. Back-up systems are defined as a separate chiller that is required only when a primary chiller fails.
2. The basis for the rebate efficiency level will be design conditions and chiller efficiency data as contained in the manufacturer specifications.
3. Use the Full-Load Efficiency for the base rebate on centrifugal chillers ≥ 150 tons.

Cooling Towers

1. Rebate is paid per nominal tower ton.
2. Only new towers for electric chillers are eligible.
3. For purposes of determining rebate eligibility, design condensing water flow rate must be 3.0 gallons per minute per ton.
4. The design condensing water temperature to the chiller must be 84°F or less.
5. Cooling tower size must be larger than that which would be used to achieve a design condensing water temperature to the chiller of 85°F at wet bulb temperature of 78°F.
6. The brake horsepower per cell of tower fans must not increase as compared to the tower which would deliver 85°F design condensing water temperature.
7. The motors used in the cooling tower fans must meet the NEMA Premium Efficient Motor program standards. See Premium Efficient Motor Rebate application.

Air Handler Variable Air Volume (VAV) box

1. Rebate is paid per VAV box. One box serves each air handling unit zone.
2. The installation may be new or retrofit applications. Baseline VAV model compares air-handling zone which is being converted from constant volume.
3. The zone must be air conditioned by electric cooling equipment.
4. Only new VAV boxes (without fans) for retrofit applications qualify.
5. Supply and return fans (if return fans are used) serving the VAV zones must be equipped with Variable Frequency Drives (VFD).
6. Appropriate controls must be included to reduce fan energy usage.
7. The motors and/or VFDs for air handling fans must meet the ERMU NEMA Premium Efficient Motor and VFD program standards. See Premium Efficient Motor Rebate and VFD Rebate applications.

HVAC Rebates

Chillers, Cooling Tower &
Air Handling VAVs

Minimum Qualifying Criteria				
Equipment Type Unit Tons	Base Efficiency		Base Rebate, \$/ton	Incremental rebate per .1 EER \$/ton
Air Cooled Chillers *must meet both FLV & IPLV min eff, rebate based on EER	*FLV - EER 9.70	*IPLV - SEER 13.00	\$10.00	\$3.00
Water Cooled Chillers < 150 Tons (centrifugal) ≥ 150 Tons (centrifugal) < 150 Tons (screw/scroll) ≥ 150 Tons (screw/scroll)	FLV (kW/Ton) 0.74 0.66		Incremental rebate \$ per 0.01 kW/ton	
			\$20.00	\$3.00
	0.74			
	0.66			
	Variable Air Volume (VAV) Box	\$75 / Box		

FLV - Fully Loaded Value

Air Cooled Chillers

Manufacturer	Model	# of Units	Tons/Unit	Base Eff	EER Eff	IPLV	Rebate
							\$0.00
							\$0.00

Water Cooled Chillers < 150 Tons

Manufacturer	Model	# of Units	Tons/Unit	Base FLV	FLV	Type	Rebate
							\$0.00
							\$0.00

Water Cooled Chillers ≥ 150 Tons

Manufacturer	Model	# of Units	Tons/Unit	Base FLV	FLV	Type	Rebate
							\$0.00
							\$0.00

Air Handling Systems (VAVs)

Manufacturer	# of Units	CFM	Rebate
			\$0.00
			\$0.00

Project Cost

Total Rebate

\$0.00