

# Agricultural Equipment

## 2024 Rebate Catalog

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# Instructions

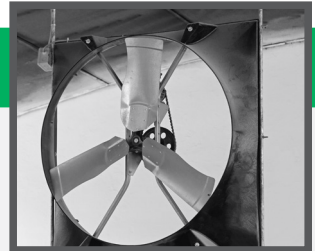
This catalog contains eligibility criteria and rebate amounts for prescriptive rebates available for the equipment listed below. This information can be used to determine eligibility, estimate rebate potential, and assist in submitting an application.

Applications are submitted through our online [portal](#).

For questions, contact the Commercial and Industrial Rebate Program Team at **888.316.8023**, email [cienergysavings@franklinenergy.com](mailto:cienergysavings@franklinenergy.com), or visit [nyseg.com/cirp](http://nyseg.com/cirp) or [rge.com/cirp](http://rge.com/cirp).

## Agricultural Equipment

### High Speed Barn Fans Eligible for New Construction? Yes No



#### General Requirements

- This measure pertains to the installation of high speed, high efficiency fans at least 24" in diameter that are installed in livestock barns or greenhouses.
- Eligible fans must be rated by an Air Movement and Control Association (AMCA)-accredited laboratory such as the Bioenvironmental and Structural Systems Laboratories (BESS) and meet the minimum efficiency requirements in the table below.
- A specification sheet from BESS or another AMCA-accredited laboratory for each fan type must be provided with the application.
- Eligible variable-speed fan controls must automatically vary fan speed based on temperature and/or wind speed.
- Fan type definitions:
  - Circulation fans are mounted throughout the barn or greenhouse to circulate air throughout the building.
  - Exhaust/ventilation fans are mounted to an exterior wall of the barn or greenhouse to draw air from one end of the building to the other.
    - If circulating fan ratings are provided in **lbf/kW only** and **not in CFM/W**, please reach out to the program to determine eligibility.

#### Fan Rebates

Fan System Type	Rebate Amount Per Fan
Fans without variable-speed control	\$150
Fans with variable-speed control	\$350

#### Minimum Efficiency Requirements

Fan Diameter	Circulating, Ventilation, and Exhaust Fans (CFM/W)
24" - 35"	14.0
36" - 47"	17.0
48" - 52"	19.9
53" +	22.0

#### Project Information

Make/Model	Fan Quantity	Building Type	Fan Diameter (in.)	Fan Type	Control Type	Subtotal Rebate (Fan Qty x Rebate Per Fan)
		<input type="checkbox"/> Poultry/Livestock <input type="checkbox"/> Greenhouse		<input type="checkbox"/> Circulation <input type="checkbox"/> Exhaust	<input type="checkbox"/> Fixed-Speed <input type="checkbox"/> Variable-Speed	
		<input type="checkbox"/> Poultry/Livestock <input type="checkbox"/> Greenhouse		<input type="checkbox"/> Circulation <input type="checkbox"/> Exhaust	<input type="checkbox"/> Fixed-Speed <input type="checkbox"/> Variable-Speed	
		<input type="checkbox"/> Poultry/Livestock <input type="checkbox"/> Greenhouse		<input type="checkbox"/> Circulation <input type="checkbox"/> Exhaust	<input type="checkbox"/> Fixed-Speed <input type="checkbox"/> Variable-Speed	
Attach additional worksheets if needed.					<b>Total Requested Rebate</b>	

# Refrigeration Heat Recovery Eligible for New Construction? Yes No



## General Requirements

- This measure pertains to the installation of a heat recovery system for refrigeration compressors serving milk bulk tanks on dairy farms. Recovered heat is to be used to preheat water before it enters an on-site water heater and should reduce on-site energy usage.
- Heat recovery systems used with water heaters that do not use utility-provided electricity or natural gas do not qualify for this rebate including propane, fuel oil, or similar water heaters.
- Replacement of existing refrigeration heat exchangers may qualify if the previous heat exchanger did not make use of recovered heat for energy-savings.

## Refrigeration Heat Recovery Rebates

Measure Type	Rebate Amount Per Milking Cow
Electric water heater, no pre-cooler	\$30
Electric water heater, fixed-speed pre-cooler	\$15
Electric water heater, variable-speed pre-cooler	\$10
Natural gas water heater, no pre-cooler	\$10
Natural gas water heater, fixed-speed pre-cooler	\$5
Natural gas water heater, variable-speed pre-cooler	\$3

## Project Information

Make/Model	Quantity	Milk Pre-Cooler Type	Number of Milking Cows	Subtotal Rebate (Milking Cow Qty x Rebate Per Cow)
		<input type="checkbox"/> None <input type="checkbox"/> Pre-cooler with fixed-speed pump <input type="checkbox"/> Pre-cooler with variable-speed pump		
		<input type="checkbox"/> None <input type="checkbox"/> Pre-cooler with fixed-speed pump <input type="checkbox"/> Pre-cooler with variable-speed pump		
		<input type="checkbox"/> None <input type="checkbox"/> Pre-cooler with fixed-speed pump <input type="checkbox"/> Pre-cooler with variable-speed pump		
		<input type="checkbox"/> None <input type="checkbox"/> Pre-cooler with fixed-speed pump <input type="checkbox"/> Pre-cooler with variable-speed pump		
		<input type="checkbox"/> None <input type="checkbox"/> Pre-cooler with fixed-speed pump <input type="checkbox"/> Pre-cooler with variable-speed pump		
		<input type="checkbox"/> None <input type="checkbox"/> Pre-cooler with fixed-speed pump <input type="checkbox"/> Pre-cooler with variable-speed pump		
Attach additional worksheets if needed.			<b>Total Requested Rebate</b>	

## Milk Pre-Cooling System Eligible for New Construction? Yes No



### General Requirements

- This measure pertains to the installation of a new heat exchanger (plate cooler or other types) that pre-cools milk ahead of the milk bulk tank to reduce overall cooling load at the tank.
- A variable-speed drive (VSD) installed on a new or existing milk transfer pump that reduces the milk flowrate through the pre-cooler is eligible for an additional rebate.
- Systems where the source water for the milk pre-cooler heat exchanger is mechanically cooled are ineligible as is the replacement of an existing pre-cooler.
- Must not include quantities of redundant or backup equipment.

### Project Information

Measure Type	Make/Model	Quantity	Number of Milking Cows	Rebate (per milking cow)	Subtotal Rebate (Milking Cow Qty x Rebate Per Cow)
New milk pre-cooler				\$15	
New VSD for milk pumping				\$5	
New milk pre-cooler with VSD pumping				\$20	
Attach additional worksheets if needed.		<b>Total Requested Rebate</b>			

## Vacuum Pump Variable Speed Drive

Eligible for New Construction?  Yes  No



### General Requirements

- This measure pertains to the installation of a variable speed drive (VSD) to control the vacuum pump motor on a milking vacuum system.
- Eligible installations must vary vacuum pump speed automatically based on differential pressure, flow, temp or other signal.
- Energy savings for new motors or motor replacements are not considered or eligible for a prescriptive rebate.
- Replacement of existing variable-speed drives on vacuum pumps does not qualify.

### Project Information

Make/Model	Vacuum Pump Motor Quantity	Motor Horsepower	Milking Unit Quantity	Subtotal Rebate (Vac Pump Motor Qty x HP/motor x \$50)
Attach additional worksheets if needed.		<b>Total Requested Rebate</b>		