

COMMERCIAL NEW CONSTRUCTION REBATES



This document provides a snapshot to Linn County REC's prescriptive rebates and qualifying efficiency criteria for commercial new construction projects.

- HVAC equipment must be listed in the <u>AHRI</u> <u>Directory</u>
- Rebates are Required to be submitted to Linn County REC within 6-months from the date of purchase or final invoice
- Contractors are eligible up to \$2,000 in incentives for the installation of heat pump or variable refrigerant flow (VRF) systems
- Equipment or measures that are not included as part of a prescriptive rebate can be reviewed for a custom rebate prior to purchasing

Visit http://www.linncountyrec.com for complete rebate requirements.

Linn County REC Commercial Advisor

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HVAC Equipment Rebates per ton of system cooling capacity			
Type of System	First 40 Tons	Remaining Tons	Maximum
Geothermal Closed Loop System	\$400	\$175	\$50,000
Geothermal Open Loop System	\$300	\$125	\$30,000
Geothermal Water Source System	\$200	\$75	\$25,000
Air-Source/ VRF Heat Pump System	\$250	\$100	\$15,000
Central Air Conditioning System	\$25	\$25	\$10,000
Air Cooled Chiller	\$20	\$20	\$5,000
Water Cooled Chiller	\$30	\$30	\$5,000
ERV/HRV	\$180	\$180	No Cap

Air-Source Heat Pump Systems

7 Course reduct dimp cyclems				
ENERGY STAR Qualified Air-Source Heat Pumps	Minimum Efficiency Criteria			
Split Systems <65,000 Btu/h	EER 12.5; SEER 15.	0; HSPF 8.2		
Single Package <65,000 Btu/h	EER 12.0; SEER 15.	0; HSPF 8.2		
Light Commercial Air-Source Heat Pumps	Heat Section Type	Minimum Efficiency Criteria		
55 000 Dt. // 0 . 405 000 Dt. //	Electric Resistance (or None)	11.8 EER; 12.8 IEER; 3.4 COP at 47°F; 2.4 COP @ 17°F		
≥ 65,000 Btu/h & < 135,000 Btu/h	All other	11.6 EER; 12.6 IEER; 3.4 COP at 47°F; 2.4 COP @ 17°F		
	Electric Resistance (or None)	10.9 EER; 12.0 IEER; 3.3 COP at 47°F; 2.1 COP @ 17°F		
≥ 135,000 Btu/h & < 240,000 Btu/h	All other	10.7 EER; 11.8 IEER; 3.3 COP at 47°F; 2.1 COP @ 17°F		
VRF Multi-Split Systems (Heating & Cooling)	Heat Section Type	Minimum Efficiency Criteria		
	No Heat Recovery	11.8 EER; 17.4 IEER; 3.4 COP @ 47°F		
≥ 65,000 Btu/h &< 135,000 Btu/h	W/Heat Recovery	11.6 EER; 17.2 IEER; 3.4 COP @ 47°F		
≥ 135,000 Btu/h & < 240,000 Btu/h	No Heat Recovery	10.9 EER; 16.4 IEER; 3.3 COP @ 47°F		
= 155,000 Btu/11 & \ 240,000 Btu/11	W/Heat Recovery	10.7 EER; 16.2 IEER; 3.3 COP @ 47°F		

Air Conditioning - Split and Packaged Systems

ENERGY STAR Qualified Air Conditioners	Minimum Efficiency Criteria			
Split Systems <65,000 Btu/h	SEER 15; EER 12.5			
Single Package <65,000 Btu/h	SEER 15; EER 12.5			
Light Commercial Air Conditioners	Heating Section Type	Minimum Efficiency Criteria		
≥ 65,000 Btu/h & < 135,000 Btu/h	Electric Resistance (or None)	12.2 EER; 14.0 IEER		
	All other	12.0 EER; 13.8 IEER		
≥ 135,000 Btu/h & < 240,000 Btu/h	Electric Resistance (or None)	12.2 EER; 13.2 IEER		
	All other	12.0 EER; 13.0 IEER		
VRF Multi-Split Systems	Heating Section Type	Minimum Energy		
(Cooling Only)	, ,	Efficiency Criteria		
≥ 65,000 Btu/h & < 135,000 Btu/h	All	12.0 EER; 17.4 IEER		
≥ 135,000 Btu/h & < 240,000 Btu/h	All	12.0 EER; 16.4 IEER		



Air-Cooled and Water-Cooled Chillers

Chiller Type and Capacity Air-Cooled Chiller < 150 tons Air-Cooled Chiller ≥ 150 tons		Full-Load Optimized Applications Must meet both levels		Part-Load Optimized Applications Must meet both levels	
		Full Load (kW/ton)	IPLV (kW/ton)	Full-Load kW/ton)	IPLV (kW/ton)
		≤ 1.15 (≥ 10.4 EER)	≤ 0.96 (≥ 12.50 EER)	≤ 1.25 (≥ 9.56 EER)	≤ 0.78 (≥ 15.39 EER)
		N/A	≤ 0.94 (≥ 12.75 EER)	N/A	≤ 0.80 (≥ 15.07 EER)
	< 75 tons	≤ 0.75	≤ 0.63	≤ 0.80	≤ 0.60
Water-Cooled	75 to 149	≤ 0.71	≤ 0.61	≤ 0.79	≤ 0.51
Chiller Positive Displacement	150 to 299	≤ 0.68	≤ 0.58	≤ 0.72	≤ 0.50
Displacement	≥ 300 tons	≤ 0.58	≤ 0.54	≤ 0.64	≤ 0.48
	< 150 tons	≤ 0.62	≤ 0.60	≤ 0.64	≤ 0.36
Water-Cooled	150 - 299	≤ 0.59	≤ 0.60	≤ 0.64	≤ 0.35
Chiller	300 - 599	≤ 0.56	≤ 0.55	≤ 0.60	≤ 0.36
Centrifugal	≥ 600 tons	≤ 0.55	≤ 0.40	≤ 0.57	≤ 0.35

Heat Recovery Ventilation or Energy Recovery Ventilation System

- With or without energy (desiccant) wheel can be eligible for this incentive.
- Unit must have Net Sensible and Net Latent Thermal Effectiveness Ratings (percent of available energy that is recoverable) that have been tested by AHRI or by the manufacturer in accordance with similar testing

Lighting

Outdoor C	saurity LED Lighting	
Outdoor 5	ecurity LED Lighting	
20-34W	\$10/fixture	
35-49W	\$20/fixture	Fixture must be
50-74W	\$40/fixture	DLC or ENERGY
	· ·	STAR LISTER
75-124W	\$50/fixture	STAR LISTED
≥ 125W	\$60/fixture	

^{*}Interior LED lighting is no longer ELIGIBLE to receive rebate incentives for new construction

Occupancy Sensors

\$8 PER SENSOR

Cannot exceed 50% of installed cost with a maximum rebate of \$45,000 per member

Electric Vehicles

Rebates are available for commercial electric vehicle chargers and electric vehicles. Up to five of each.

Level II Chargers \$1,000/eachElectric Vehicle/Plug-in Hybrids \$250/each

Variable Speed Drives

Load	Run Hours	Horsepower Controlled
Variable	1000 and greater	\$40
Fixed	1000 and greater	\$15

Up to a maximum \$10,000 per facility

- Variable loads fans or pumps
- Fixed loads all other types that have a constant torque

ENERGY STAR Commercial Appliances

	Size	Solid Door Refrigerators	Glass Door Refrigerators	Solid Door Freezers	Glass Door Freezers
	<19 cu. ft.	\$25/each	\$40/each	\$40/each	\$125/each
	19-30 cu. ft.	\$40/each	\$50/each	\$60/each	\$150/each
	31-60 cu. ft.	\$60/each	\$60/each	\$150/each	\$300/each
	61-90 cu. ft.	\$100/each	\$70/each	\$325/each	\$600/each

^{*}Must be an ENERGY STAR list product *Maximum rebate of \$5,000 per facility per year

ENERGY STAR Dishwasher

(varies depending on type, requires electric water heater)

Under Counter
 Stationary Single Tank Door
 Single Tank Conveyor
 Pot/Pan and Utensil
 Multi Tank Conveyor
 \$800/each

ENERGY STAR Electric Steam Cooker \$750/each (3-7 pans)

