

# Business heating and cooling

While Efficiency Works Business does not offer rebates for new HVAC units for upgrades or first-time purchases for new construction, we encourage customers to purchase high efficiency units to save energy and money over the course of the equipment's lifetime. We also partner with local distributors to help make sure that high efficiency HVAC units are ready when they are needed. Just ask your contractor to give you a quote for a high efficiency unit.



Efficiency Works does offer rebates for retrofitting existing HVAC equipment to increase efficiency. To learn more, visit [EfficiencyWorks.org/business/rebates](https://EfficiencyWorks.org/business/rebates).

See the tables below to clarify what qualifies as high efficiency.

High efficiency HVAC equipment									
Equipment	Size category	Minimum to qualify						AHRI standard	
		EER2	SEER2	or		EER	SEER		
DX AC units (roof top, split systems, condensing units)	<65 KBTUH (5.4 tons)	11.7	14.3	or		12.2	15.0	210/240	
		EER			IEER				
DX AC units (roof top, split systems, condensing units)	65 – 135 KBTUH (5.5 – 11.3 tons)	12.0	and		15.4		Packaged and split: 340/360 Condensing units: 365		
	135 – 240 KBTUH (11.4 – 19.9 tons)	12.0	and		14.8				
	240 – 760 KBTUH (20 – 63.3 tons)	10.3	and		14.0				
	>760 KBTUH (>63.3 tons)	10.0	and		13.0				
Water source heat pump	All	EER			COP		13256-1		
		13.5	and		4.4				
Mini-splits and Multi-splits	All	EER2	SEER2	HSPF2	or		EER	SEER	HSPF
		10.1	15.0	7.6/8.5	or		10.5	16.0	9.0/10

## High efficiency HVAC equipment

Equipment	Size category	Minimum to qualify			Subcategory		
		EER2	SEER2	HSPF2			
Cold climate air source heat pump	<5.4 tons	11.7	18.0	8.1	Split/package		
		11.5	18.0	8.5	Mini/multi-split		
Air source split/package heat pump		11.7	15.2	7.8			
Dual fuel split/package heat pump		11.7	15.2	7.8			
Equipment	Size category	Minimum to qualify			AHRI standard		
PTAC / PTHP	All	EER ≥ 11.0			310/380		
SVPAC / SPVHP	All	EER ≥ 10.0			390		
Guest hotel room controllers	Per room	Motion sensor or card lock control with setback capabilities			n/a		
Equipment	Subcategory	Size category	Minimum to qualify				AHRI standard
			EER	IEER	High COP	Low COP	
Variable refrigerant flow	Air-cooled	≥ 65 and < 135 KBTUH (≥ 5.4 and < 11.3 tons)	11.5	20	3.5	2.3	1230
		≥ 135 and < 240 KBTUH (≥ 11.3 and < 20 tons)	11.0	18	3.5	2.1	
		≥ 240 KBTUH (≥ 20 tons)	9.6	18	3.3	2.1	
	Water-cooled	≥ 65 and < 135 KBTUH (≥ 5.4 and < 11.3 tons)	12.5	22	4.6	n/a	
		≥ 135 and < 240 KBTUH (≥ 11.3 and < 20 tons)	11.0	20	4.4	n/a	
		≥ 240 KBTUH (≥ 20 tons)	11.0	17	4.2	n/a	

## High efficiency chillers

Equipment	Size category	Minimum to qualify		Standard
		EER / full load (FLV)	Part load (IPLV)	
Air-cooled and evaporative-cooled chillers	All	10.3	15.0	AHRI 550/590
Centrifugal water-cooled chillers	All sizes <75 tons 75-149 tons 150-299 tons 300-599 tons ≥600 tons	Meets IECC 2021 minimum requirement	0.016 kW/ton improvement over IECC 2021	IECC 2021
Screw/scroll (displacement) water-cooled chillers		0.750	0.584	
		0.720	0.544	
		0.660	0.524	
		0.610	0.504	
	0.560	0.484		