

INCENTIVES FOR HVAC EQUIPMENT				
EQUIPMENT TYPE	SIZE CATEGORY	SUB-CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	CUSTOMER INCENTIVE
Packaged Terminal Air Conditioners (PTAC) (Normal replacement)	≤ 7,000 Btu/hr	Single package	11.29 EER	\$100/ton
	> 7,000 Btu/hr and ≤ 15,000 Btu/hr		10.27 EER	
	> 15,000 Btu/hr and < 24,000 Btu/hr		9.25 EER	
Packaged Terminal Air Conditioners (PTAC) (New construction)	≤ 7,000 Btu/hr	Single package	14.28 EER	\$100/ton
	> 7,000 Btu/hr and ≤ 15,000 Btu/hr		12.84 EER	
	> 15,000 Btu/hr and < 24,000 Btu/hr		11.4 EER	
Packaged Terminal - Heat Pumps (PTHP) (Cooling and Heating mode) (Normal replacement)	≤ 7,000 Btu/hr	Single package	11.17 EER 3.26 COP	\$100/ton
	> 7,000 Btu/hr and ≤ 15,000 Btu/hr		10.15 EER 3.13 COP	
	> 15,000 Btu/hr and < 24,000 Btu/hr		9.13 EER 3.01 COP	
Packaged Terminal - Heat Pumps (PTHP) (Cooling and Heating mode) (New construction)	≤ 7,000 Btu/hr	Single package	14.28 EER 4.01 COP	\$100/ton
	> 7,000 Btu/hr and ≤ 15,000 Btu/hr		12.84 EER 3.76 COP	
	> 15,000 Btu/hr and < 24,000 Btu/hr		11.4 EER 3.50 COP	
Heat Pump, Air-Cooled, replacing electric resistance heating (Cooling and Heating mode) (Retrofit only) (See note 5)	< 240,000 Btu/hr	Split system and single package	ENERGY STAR® qualified	\$300/ton

**Notes for HVAC equipment incentives:**

- Equipment that meets or exceeds the efficiency requirements listed for the size category in the above table may qualify for the listed incentive. Equipment must meet all listed efficiency requirements to qualify for the listed incentives.
- PTHPs can replace electric resistive heating, which must be removed.
- Incentives for heat pumps are available per ton of cooling capacity ONLY. No incentives are paid per ton of heating capacity. Heat pumps must meet both the cooling mode and heating mode efficiency requirements to qualify for per ton cooling efficiency incentives.
- Equipment size categories and capacities are specified in terms of net cooling capacity at AHRI standard conditions as determined by AHRI Standard 210/240 for units <65,000 Btu/hr, AHRI Standard 340/360 for units ≥65,000 Btu/hr, and AHRI Standard 310/380 for PTAC and PTHP units.
- Equipment must meet Energy Star® part load efficiency requirements (SEER/SEER2 or IEER). Equipment does not need to meet Energy Star® full load efficiency requirements (EER), as long as the part load efficiency requirement is also specified for the equipment in Energy Star®. If Energy Star® only lists full load efficiency requirements (EER), then equipment must meet this standard. Additionally, the equipment must meet or exceed state or federal full load efficiency standards, whichever is more stringent.

AHRI = Air-Conditioning, Heating, and Refrigeration Institute  
 IEER = Integrated Energy Efficiency Ratio  
 PTAC = Packaged Terminal Air Conditioner  
 SEER/SEER2 = Seasonal Energy Efficiency Ratio

EER = Energy Efficiency Ratio  
 HVAC = Heating, Ventilation and Air-Conditioning  
 PTHP = Packaged Terminal Heat Pump

(continued)

**INCENTIVES FOR OTHER HVAC EQUIPMENT AND CONTROLS**

EQUIPMENT TYPE	SIZE CATEGORY	SUB-CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	CUSTOMER INCENTIVE
<b>Enhanced Ventilation Controls for RTUs – Heat Pump</b> (Add-on equipment)	All equipment sizes	Add VFD	VFD must be added to an existing packaged singlezone direct expansion (DX) HVAC unit with a functioning economizer and no existing VFD. The VFD must operate at two discrete speeds based on ventilation and cooling or heating demand. Additional efficiency measures must be added, as indicated.	\$90/ton
		Add VFD and ADEC		\$110/ton
		Add VFD and NEMA premium motor		\$120/ton
		Add VFD and PMM		\$130/ton
		Add VFD, ADEC, and CO2 sensor		\$160/ton
		Add VFD NEMA premium motor, ADEC, and CO2 sensor		\$190/ton
		Add VFD PMM, ADEC, and CO2 sensor		\$200/ton
<b>Classroom HVAC Occupancy Sensor</b> (Normal Replacement)	—	—	Equipment must have unoccupied setback temperature control for closed hours and when classroom is unoccupied	\$20/ton
<b>Air-Cooled Screw Chiller, Path B</b> (Normal Replacement or New Construction) (See Note 3)	< 150 tons	Tier 1	10.4 EER; 17.7 IPLV	\$25/ton
		Tier 2	10.4 EER; 19.0 IPLV	\$50/ton
	150 - 300 tons	Tier 1	10.4 EER; 18.0 IPLV	\$25/ton
		Tier 2	10.4 EER; 19.3 IPLV	\$50/ton

**Notes for HVAC equipment and controls incentives:**

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Enhanced Ventilation Controls – Heat Pump does not apply if the rooftop unit has a fully operational and/or non-snapdisc sensor and is adjusted to the appropriate changeover setpoint based on the number of thermostat stages available for cooling. This measure does not apply if the unoccupied supply fan operation is already set to “Auto” or intermittent. Measure is applicable for all nonresidential buildings served by unitary direct expansion (DX) and split systems that do not serve process or refrigeration loads.
3. Air-Cooled Screw Chillers must exceed the minimum efficiency requirements set forth by Title 24 Part 6 in both full load and integrated part load conditions under Path B, as laid out in the minimum efficiency requirements section of the table, to qualify for an incentive.
4. HVAC occupancy sensor measure is only eligible for installation in an educational relocatable classroom conditioned with a heat pump.

ADEC = Advanced Digital Economizer Control  
 EER = Energy Efficiency Ratio  
 IPLV = Integrated Part Load Value  
 HVAC = Heating, Ventilation and Air-Conditioning  
 NEMA = National Electrical Manufacturers Association  
 PMM = Permanent Magnet Motor  
 PTAC = Packaged Terminal Air Conditioner  
 PTHP = Packaged Terminal Heat Pump  
 RTU = Rooftop Unit  
 VFD = Variable Frequency Drive