

## Incentives for HVAC equipment

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement & Customer Incentive		
			\$25/ton	\$50/ton	\$75/ton
<b>Unitary Commercial Air Conditioners, Air-Cooled (Cooling Mode)</b>	< 65,000 Btu/hr (single phase)	Split system and single package	15.0 SEER 12.5 EER	--	--
	< 65,000 Btu/hr (three phase)	Split system	--	14.0 SEER 12.0 EER	15.0 SEER 12.5 EER
		Single package	--	14.0 SEER 11.6 EER	15.0 SEER 12.0 EER
	≥ 65,000 Btu/hr and < 135,000 Btu/hr	Split system and single package	--	11.5 EER 12.8 IEER	12.0 EER 13.8 IEER
	≥ 135,000 Btu/hr and < 240,000 Btu/hr	Split system and single package	--	11.5 EER 12.3 IEER	12.0 EER 13.0 IEER
	≥ 240,000 Btu/hr and < 760,000 Btu/hr	Split system and single package	--	10.3 EER 11.1 IEER	10.6 EER 12.1 IEER
≥ 760,000 Btu/hr	Split system and single package	--	9.7 EER 10.9 IEER	10.2 EER 11.6 IEER	
<b>Unitary Commercial Air Conditioners, Water Cooled</b>	< 65,000 Btu/hr	Split system and single package	--	14.0 EER	--
	≥ 65,000 Btu/hr and < 135,000 Btu/hr		--	13.8 EER	--
	≥ 135,000 Btu/hr		--	13.8 EER	--
<b>Unitary Commercial Air Conditioners, Evaporatively Cooled</b>	< 65,000 Btu/hr	Split system and single package	--	14.0 EER	--
	≥ 65,000 Btu/hr and < 135,000 Btu/hr		--	13.8 EER	--
	≥ 135,000 Btu/hr		--	13.3 EER	--
<b>Packaged Terminal Air Conditioners (PTAC)</b>	≤ 8,000 Btu/hr	Single package	12.2 EER	--	--
	> 8,000 Btu/hr and < 10,500 Btu/hr	Single package	11.9 EER	--	--
	≥ 10,500 Btu/hr and ≤ 13,500 Btu/hr	Single package	10.7 EER	--	--
	> 13,500 Btu/hr	Single package	9.9 EER	--	--
<b>Packaged Terminal Heat Pumps (PTHP) (Heating &amp; Cooling Mode)</b>	≤ 8,000 Btu/hr	Single package	--	12.2 EER 3.4 COP	--
	> 8,000 Btu/hr and < 10,500 Btu/hr	Single package	--	11.5 EER 3.3 COP	--
	≥ 10,500 Btu/hr and ≤ 13,500 Btu/hr	Single package	--	10.7 EER 3.1 COP	--
	> 13,500 Btu/hr	Single package	--	9.8 EER 3.0 COP	--

(continued)



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Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement & Customer Incentive		
			\$25/ton	\$50/ton	\$75/ton
<b>Heat Pumps, Air-Cooled (Cooling Mode)</b>	< 65,000 Btu/hr (single phase)	Split system and single package	15.0 SEER 12.5 EER	--	--
	< 65,000 Btu/hr (three phase)	Split system	--	14.0 SEER 12.0 EER	--
		Single package	--	14.0 SEER 11.6 EER	--
	≥ 65,000 Btu/hr and < 135,000 Btu/hr	Split system and single package	--	11.3 EER 12.3 IEER	--
	≥ 135,000 Btu/hr and < 240,000 Btu/hr	Split system and single package	--	10.8 EER 11.8 IEER	--
≥ 240,000 Btu/hr	Split system and single package	--	10.3 EER 10.7 IEER	--	
<b>Heat Pumps, Air-Cooled (Heating Mode) – See note 2</b>	< 65,000 Btu/hr (single phase)	Split system	8.5 HSPF	--	--
		Single package	8.0 HSPF	--	--
	< 65,000 Btu/hr (three phase)	Split system	--	8.5 HSPF	9.0 HSPF
		Single package	--	8.0 HSPF	8.5 HSPF
	≥ 65,000 Btu/hr and < 135,000 Btu/hr	47°F db/43°F wb outdoor air	--	3.4 COP	--
		17°F db/15°F wb outdoor air	--	2.4 COP	--
≥ 135,000 Btu/hr	47°F db/43°F wb outdoor air	--	3.2 COP	--	
	17°F db/15°F wb outdoor air	--	2.1 COP	--	
<b>Heat Pumps, Water-Source (Cooling Mode)</b>	< 135,000 Btu/hr	86°F Entering Water	--	14.0 EER	--
<b>Heat Pumps, Water-Source (Heating Mode) – See note 2</b>	< 135,000 Btu/hr	68°F Entering Water	--	4.6 COP	--
<b>Heat Pumps, Ground-Source or Groundwater-Source (Heating &amp; Cooling Mode) – See note 2</b>	All sizes	77°F Entering Water	--	ENERGY STAR <sup>®</sup> qualified	--
Equipment Type	Size Category	Sub-Category	Customer Incentive		
<b>Ground-Source or Groundwater-Source Heat Pump Loop</b>	All sizes	Open loop	\$25/ton		
		Closed loop			

(continued)



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## Notes for HVAC equipment incentives:

1. 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 both listed efficiency requirements to qualify for the listed incentives.
2. 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.
3. Equipment size categories 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.
4. Ground- and water-source heat pumps must meet or exceed listed efficiency requirements when rated in accordance with ISO-13256-1 to qualify for the listed incentive.
5. IPLV may be used to demonstrate compliance with minimum efficiency requirements using an equivalent IEER approved by Pacific Power.
6. Efficiency requirements align with the Unitary Air-conditioning and Unitary Heat Pump Specification maintained by the Consortium for Energy Efficiency and are listed on CEE's website and on the Pacific Power website.

AHRI = Air-Conditioning, Heating, and Refrigeration Institute  
COP = Coefficient of Performance  
HSPF = Heating Seasonal Performance Factor  
IEER = Integrated Energy Efficiency Ratio  
PTAC = Packaged Terminal Air Conditioner  
SEER = Seasonal Energy Efficiency Ratio

CEE = Consortium for Energy Efficiency  
EER = Energy Efficiency Ratio  
HVAC = Heating, Ventilation and Air-Conditioning  
IPLV = Integrated Part Load Value  
PTHP = Packaged Terminal Heat Pump



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## Incentives for other HVAC equipment and controls

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
<b>Evaporative Cooling</b>	All sizes	Direct or indirect	Industry Standard Rating (ISR)	\$0.06/ISR CFM
<b>Indirect-Direct Evaporative Cooling (IDEC)</b>	All sizes	--	Applicable system components must exceed minimum efficiencies required by energy code	See note 3
<b>Chillers</b>	All except chillers intended for backup service only	Serving primarily occupant comfort cooling loads (no more than 20% of process cooling loads)	Must exceed minimum efficiencies required by energy code	See note 4
<b>Room Air Conditioner</b>	Residential (used in a business)	--	See Home Energy Savings program	See note 6
<b>365/366 Day Programmable Thermostat</b>	All sizes in portable classrooms with mechanical cooling	Must be installed in portable classroom unoccupied during the summer months	365/366 day thermostatic setback capability	\$150/thermostat
<b>Occupancy Based PTHP/PTAC control</b>	All sizes with no prior occupancy based control	--	See note 5	\$50/controller

### 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. Incentives for all equipment listed in the incentive table are available via a post-purchase application process.
3. Incentives are paid at \$0.12/kWh annual energy savings + \$50/kW average monthly demand savings. IDEC energy and demand savings subject to approval by Pacific Power.
4. Incentives are paid at \$0.12/kWh annual energy savings + \$50/kW average monthly demand savings. Chiller energy and demand savings subject to approval by Pacific Power.
5. Controller units must include an occupancy sensor and include the capability to set back the zone temperature during extended unoccupied periods and set up the temperature once the zone is occupied.
6. Refer to Pacific Power's Home Energy Savings program for efficiency requirements and incentives for listed residential appliances used in a business.

CFM = Cubic Feet Per Minute  
 ISR = Industry Standard Rating  
 IDEC = Indirect-Direct Evaporative Cooling  
 PTAC = Packaged Terminal Air Conditioner  
 PTHP = Packaged Terminal Heat Pump



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