

## 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	--	CEE Tier 1	CEE Tier 2
	All equipment sizes (three phase)	Split system and single package	--		
<b>Unitary Commercial Air Conditioners, Water and Evaporatively Cooled</b>	All equipment sizes	Split system and single package	--	CEE Tier 1	--
<b>Packaged Terminal Air Conditioners (PTAC) (Cooling Mode)</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 and 3.4 COP	--
	> 8,000 Btu/hr and < 10,500 Btu/hr	Single package	--	11.5 EER and 3.3 COP	--
	≥ 10,500 Btu/hr and ≤ 13,500 Btu/hr	Single package	--	10.7 EER and 3.1 COP	--
	> 13,500 Btu/hr	Single package	--	9.8 EER and 3.0 COP	--
<b>Heat Pumps, Air-Cooled (Cooling Mode)</b>	< 65,000 Btu/hr (single phase)	Split system and single package	--	CEE Tier 1	CEE Tier 2
	< 65,000 Btu/hr (three phase)	Split system and single package	--		CEE Tier 2
	≥ 65,000 Btu/hr (three phase)	Split system and single package	--		--
<b>Heat Pumps, Air-Cooled (Heating Mode) - (See note 3)</b>	< 65,000 Btu/hr (single phase)	Split system and single package	--	CEE Tier 1	CEE Tier 2
	< 65,000 Btu/hr (three phase)	Split system and single package	--		CEE Tier 2
	≥ 65,000 Btu/hr (three phase)	47°F db/43°F wb outdoor air	--		--
		17°F db/15°F wb outdoor air	--		--

(continued)



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# FinAnswer<sup>®</sup> Express Utah

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement & Customer Incentive		
			\$25/ton	\$50/ton	\$75/ton
<b>Heat Pumps, Water-Source (Cooling Mode)</b>	< 135,000 Btu/hr	86°F Entering water	--	CEE Tier I	--
<b>Heat Pumps, Water-Source (Heating Mode) – (See note 3)</b>	< 135,000 Btu/hr	68°F Entering water	--	CEE Tier I	--
<b>Heat Pumps, Ground-Source or Groundwater-Source (Heating &amp; Cooling Mode) – (See note 3)</b>	All sizes	77°F Entering water	--	ENERGY STAR <sup>®</sup> qualified	--
<b>Ground-Source or Groundwater-Source Heat Pump Loop</b>	All sizes	--	\$25/ton	--	--

#### 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 all listed efficiency requirements to qualify for the listed incentives.
2. PTHPs can replace electric resistive heating, which must be removed.
3. 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.
4. 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.
5. 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.
6. Units rated with an IPLV may qualify for the listed incentives if the value meets or exceeds the minimum IPLV established in the Consortium for Energy Efficiency commercial unitary air conditioning and heat pump specification effective January 16, 2009.
7. Efficiency requirements align with the unitary air conditioning and heat pump specification maintained by the Consortium for Energy Efficiency for equipment with heating sections other than electric resistance. CEE minimum efficiency requirements are listed at [rockymountainpower.net/wattsmart](http://rockymountainpower.net/wattsmart).

AHRI = Air-conditioning, Heating, and Refrigeration Institute

CEE = Consortium for Energy Efficiency

COP = Coefficient of Performance

EER = Energy Efficiency Ratio

HSPF = Heating Seasonal Performance Factor

HVAC = Heating, Ventilating and Air Conditioning

IEER = Integrated Energy Efficiency Ratio

IPLV = Integrated Part Load Value

PTAC = Packaged Terminal Air Conditioner

PTHP = Packaged Terminal Heat Pump

SEER = Seasonal Energy Efficiency Ratio



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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	--	\$0.06/CFM
<b>Indirect-Direct Evaporative Cooling (IDEC)</b>	All sizes	--	Applicable system components must exceed minimum efficiencies required by energy code	\$0.12/kwh annual energy savings + \$50/kw (See note 2)
<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	\$0.12/kwh annual energy savings + \$50/kw (See note 3)
<b>Room Air Conditioner</b>	Residential (used in a business)	See Home Energy Savings program	See Home Energy Savings program	See note 4
<b>365/366 day Programmable Thermostat</b>	All sizes in portable classrooms with mechanical cooling	Must be installed in portable classroom unoccupied during 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 paid at \$0.12/kwh annual energy savings + \$50/kw average monthly demand savings. IDEC energy and demand savings subject to approval by Rocky Mountain Power.
3. Incentives paid at \$0.12/kwh annual energy savings + \$50/kw average monthly demand savings. Chiller energy and demand savings subject to approval by Rocky Mountain Power.
4. Refer to Rocky Mountain Power's Home Energy Savings program for efficiency requirements and incentives for listed residential equipment used in a business.
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.

CFM = Cubic Feet per Minute

HVAC = Heating, Ventilating and Air Conditioning

IDEC = Indirect-Direct Evaporative Cooling

ISR = Industry Standard Rating

PTAC = Packaged Terminal Air Conditioner

PTHP = Packaged Terminal Heat Pump



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