WATTSMART® BUSINESS

WYOMING

INCENTIVES FOR HVAC EQUIPMENT

EQUIPMENT TYPE	SIZE CATEGORY	SUB-CATEGORY	MINIMUM EFFICIENCY REQUIREMENT & CUSTOMER INCENTIVE		
			$25/TON	$62/TON	$75/TON
Unitary Commercial Air Conditioners	< 65,000 Btu/hr	Split system and single package	--	CEE Tier 2	
	>= 65,000 Btu/hr and < 760,000 Btu/hr	Split system and single package	--		CEE Advanced Tier
	>= 760,000 Btu/hr	Split system and single package	--	CEE Tier 1	CEE Tier 2
Unitary Commercial Air Conditioners, Water and Evaporatively Cooled	All equipment sizes	Split system and single package	--	CEE Tier 1	--
Heat Pumps, Air-Cooled (Cooling Mode)	< 65,000 Btu/hr	Split system and single package	--	ENERGY STAR	--
	≥ 65,000 Btu/hr (three phase)	Split system and single package	--	ENERGY STAR	--
Heat Pumps, Air-Cooled (Heating Mode) (See note 3)	< 65,000 Btu/hr	Split system and single package (See note 3)	--	ENERGY STAR	--
	≥ 65,000 Btu/hr and < 135,000 Btu/hr	47° F db/43° F wb outdoor air	--	3.5 COP	
		17° F db/15° F wb outdoor air		2.4 COP	
	≥ 135,000 Btu/hr and <= 240,000 Btu/hr	47° F db/43° F wb outdoor air	--	3.4 COP	--
		17° F db/15° F wb outdoor air		2.1 COP	
Heat Pumps, Water-Source (Cooling Mode)	< 135,000 Btu/hr	(See note 3)	--	CEE Tier 1	--

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EQUIPMENT TYPE	SIZE CATEGORY	SUB-CATEGORY	MINIMUM EFFICIENCY REQUIREMENT & CUSTOMER INCENTIVE $25/TON	$50/TON
Packaged Terminal Air Conditioners (PTAC)	≤ 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	--
Packaged Terminal Heat Pumps (PTHP) (Heating & Cooling Mode)	≤ 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

EQUIPMENT TYPE	SIZE CATEGORY	SUB-CATEGORY	MINIMUM EFFICIENCY REQUIREMENT & CUSTOMER INCENTIVE $25/TON	$62/TON	$125/TON
Heat Pumps, Water-Source (Heating Mode)	< 135,000 Btu/hr	(See note 3)	--	CEE Tier 1	--
Heat Pumps, Ground-Source or Groundwater-Source (Heating & Cooling Mode)	All sizes	(See note 3)	--	ENERGY STAR® qualified	--
VRF Air-Cooled Heat Pumps (Cooling Mode)	All equipment sizes	Multisplit system or multispilt system with heat recovery	--	--	CEE Tier 1
VRF Air-Cooled Heat Pumps (Heating Mode)	All equipment sizes	Multisplit system or multispilt system with heat recovery (See note 3)	--	--	CEE Tier 1
VRF Water-Cooled Heat Pumps (Cooling Mode)	< 135,000 Btu/hr	Multisplit system or multispilt system with heat recovery	--	--	CEE Tier 1
VRF Water-Cooled Heat Pumps (Heating Mode)	< 135,000 Btu/hr	Multisplit system or multispilt system with heat recovery (See note 3)	--	--	CEE Tier 1
Ground-Source or Groundwater-Source Heat Pump Loop	All sizes	--	--	--	$125/ton

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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 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, AHRI Standard 1230 for VRF systems, 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. Efficiency requirements align with the unitary air conditioning and heat pump specification maintained by the Consortium for Energy Efficiency (CEE) or ENERGY STAR for equipment with heating sections other than electric resistance. Minimum efficiency requirements are listed at Wattsmart.com.
7. Incentives for heat pump loops are paid for new loops only and are paid per ton of cooling capacity of connected heat pump equipment as rated in accordance with ISO-13256-1.

AHRI = Air-conditioning, Heating, and Refrigeration Institute
CEE = Consortium for Energy Efficiency
COP = Coefficient of Performance
EER = Energy Efficiency Ratio
HVAC = Heating, Ventilating and Air Conditioning
PTAC = Packaged Terminal Air Conditioner
PTHP = Packaged Terminal Heat Pump
VRF = Variable Refrigerant Flow

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INCENTIVES FOR OTHER HVAC EQUIPMENT AND CONTROLS

EQUIPMENT TYPE	SIZE CATEGORY	SUB-CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	CUSTOMER INCENTIVE
Evaporative Cooling	All sizes	Direct or indirect	--	$0.06/CFM
Indirect-Direct Evaporative Cooling (IDEC)	All sizes	--	Applicable system components must exceed minimum efficiencies required by the applicable version of the International Energy Conservation Code (IECC)	See note 2
Chillers	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 the applicable version of the IECC	See note 3
365/366 day Programmable or Occupancy-Based Thermostat	All sizes in portable classrooms with mechanical cooling	Must be installed in portable classroom unoccupied during summer months	365/366 day thermostatic or occupancy-based set back capability	See Home Energy Savings program
Occupancy-Based PTHP/PTAC Control	All sizes with no prior occupancy-based control	--	See note 5	$50/controller
Evaporative Pre- cooler (Retrofit only)	--	For single air-cooled packaged rooftop or matched split-system condensers only	Minimum performance efficiency of 75%. Must have enthalpy controls to control pre-cooler operation. Water supply must have chemical or mechanical water treatment.	$75/ton of attached cooling capacity (See note 5)
Advanced Rooftop Unit Control (Retrofit Gas-Fired RTU)	< 5 tons	Must be installed on existing unitary packaged rooftop units (no split systems), with constant speed supply fans.	Controls must include: • Either a supply fan VFD or multi-speed supply fan motor with controller that meets ventilation and space conditioning needs; • CO_2 or occupancy-based sensor that determines ventilation and space conditioning needs; • Digital integrated economizer control	$500
	≥ 5 tons and ≤ 10 tons			$2,500
	> 10 tons and ≤ 15 tons			$3,500
	> 15 tons and ≤ 20 tons			$4,000
	> 20 tons			$4,500
Advanced Rooftop Unit Control (Retrofit Heat Pump RTU)	< 5 tons	Must be installed on existing unitary packaged rooftop units (no split systems), with constant speed supply fans.	Controls must include: • Either a supply fan VFD or multi-speed supply fan motor with controller that meets ventilation and space conditioning needs; • CO_2 or occupancy-based sensor that determines ventilation and space conditioning needs; • Digital integrated economizer control	$500
	≥ 5 tons and ≤ 10 tons			$2,900
	> 10 tons and ≤ 15 tons			$4,000
	> 15 tons and ≤ 20 tons			$5,800
	> 20 tons			$6,500

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EQUIPMENT TYPE	SIZE CATEGORY	SUB-CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	CUSTOMER INCENTIVE
Advanced Rooftop Unit Control (New Gas-Fired RTU)	< 5 tons	Must be installed on new unitary packaged rooftop units (no split systems),-	Controls must include: • Either a supply fan VFD or multi-speed supply fan motor with controller that meets ventilation and space conditioning needs; • CO_2 or occupancy-based sensor that determines ventilation and space conditioning needs; • Digital integrated economizer control	$400
	≥ 5 tons and ≤ 10 tons			$1,200
	> 10 tons and ≤ 15 tons			$1,800
	> 15 tons and ≤ 20 tons			$2,500
	> 20 tons			$2,800
Advanced Rooftop Unit Control (New Heat Pump RTU)	< 5 tons	Must be installed on new unitary packaged rooftop units (no split systems),	Controls must include: • Either a supply fan VFD or multi-speed supply fan motor with controller that meets ventilation and space conditioning needs; • CO_2 or occupancy-based sensor that determines ventilation and space conditioning needs; • Digital integrated economizer control	$400
	≥ 5 tons and ≤ 10 tons			$1,700
	> 10 tons and ≤ 15 tons			$2,600
	> 15 tons and ≤ 20 tons			$3,600
	> 20 tons			$4,000
Advanced Rooftop Unit Control (DCV only)	< 5 tons	Must be installed on existing unitary packaged rooftop units (no split systems),	Controls must include digital, integrated economizer control with either an existing supply fan VFD or an existing multi-speed supply fan motor and controller that meets ventilation and space conditioning needs	$300
	≥ 5 tons and ≤ 10 tons			$500
	> 10 tons and ≤ 15 tons			$600
	> 15 tons and ≤ 20 tons			$700
	> 20 tons			$800
Smart Thermostat	--	--	See Wattsmart Homes website	$50

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(continued)

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 $0.15/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 $0.15/kWh annual energy savings + $50/kW average monthly demand savings. Chiller energy and demand savings subject to approval by Rocky Mountain Power.
4. Controller units must include an occupancy-based control and include the capability to set back the zone temperature during extended unoccupied periods and set up the temperature once the zone is occupied.
5. Incentives for evaporative pre-coolers are capped at 70 percent of energy efficiency project costs and incentives will not be available to reduce the energy efficiency project simple payback below one year. Energy efficiency project costs are subject to approval by Rocky Mountain Power.

CFM = Cubic Feet per Minute
IDEC = Indirect-Direct Evaporative Cooling
IECC = International Energy Conservation Code
PTAC = Packaged Terminal Air Conditioner
PTHP = Packaged Terminal Heat Pump