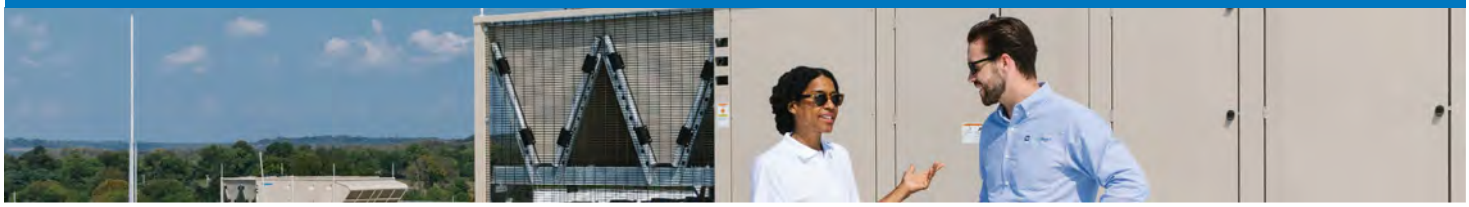
HVAC Incentives for Comfort Cooling



What's eligible?

- **$80/ton** for energy efficient HVAC like-for-like equipment replacements such as unitary A/C and heat pumps.
- **$175/ton** for energy efficient cooling replacements AND/OR facility expansion and new installation with unitary A/C units or heat pumps that meet Advanced Tier efficiencies.
- **$200/ton** for energy efficient replacements, AND/OR facility expansion and new installation with high efficiency air-cooled chillers.
- **$250/ton** for energy efficient replacements, AND/OR facility expansion and new installation with VRF and dual fuel heat pumps.
- **$1,000/ton** for energy efficient replacements, AND/OR facility expansion and new installation with ground source heat pumps.

Requirements for Eligibility

- Eligible technologies are: VRF heat pumps, mini split heat pumps, unitary heat pumps, dual fuel heat pumps, PTACs, PTHPs, unitary A/C units and air-cooled chillers used for comfort cooling.
- Equipment must meet or exceed the minimum efficiency requirements for the applicable technology type and capacity shown on pages 2-5. Note that Air Cooled Chillers and Ground Source Heat Pumps have two minimums that must be met where others require one.
- Prescriptive incentive available for comfort cooling ONLY. All other chiller applications are to be submitted via Custom.
- Equipment tonnage is considered by the condenser capacity rather than the air handler. For VRF projects, grouped condenser tonnage can be used to calculate the incentive.

If equipment is installed PRIOR to Online Application:

- Application must be signed and submitted within 180 days of the HVAC unit(s) operational date based on required project documentation (warranty information, invoices, spec sheets, etc.) uploaded to the Online Application (OLA).

If equipment is installed AFTER Online Application:

- An estimated completion date will be entered in the OLA and the customer will receive application approval communication with an estimated incentive.
- Equipment may be purchased and installed prior to the approval communication.
- Spec sheets are required to be uploaded with the OLA.
- Once installed and fully operational, equipment invoices must be submitted within 30 days.

Rules & Guidelines

- Pre-approval IS NOT required before you purchase or install new HVAC units.
- Projects may require inspection.
- Incentives are capped at 70% of material cost.
- Projects must meet the Standard minimum incentive requirement of $150.
- Must submit complete lists of spec sheets, unit sizes and scope of work with the application.
- Itemized invoices and equipment startup documentation required for project completion.
- Applications must be submitted by a member of the Preferred Partners Network (PPN). If your contractor is not a PPN member, encourage them to join the PPN Network: https://energyright.com/business-industry/become-a-member/.
- The Department of Energy (DOE) has changed the way some HVAC systems are tested. New testing procedures for equipment less than 5-tons have a SEER2 designation. Applicants can meet either the SEER or SEER2 requirement where applicable.
- Additional program rules apply. For more information, please visit: https://energyright.com/business-industry/incentives/applying-for-incentives/.

HVAC Incentives for Comfort Cooling

HVAC Install Scenarios

Equipment Type	Like for Like Replacement	New Install or Expansion	Incentive Value ($/ton)
Unitary Heat Pumps	Yes	No	$80
Unitary A/C Units	Yes	No	$80
Unitary A/C Units & Heat Pumps (Advanced Tier)	Yes	Yes	$175
Air-Cooled Chillers	Yes	Yes	$200
VRF Heat Pumps	Yes	Yes	$250
Dual Fuel Heat Pumps	Yes	Yes	$250
Ground Source Heat Pumps	Yes	Yes	$1,000

HVAC Efficiency Requirements

UNITARY A/C UNITS - $80/ton

Size (Btu/h)	Split System or Single Package	Supplementary Heating Type	Minimum Efficiency Levels	
			SEER2	IEER
< 65,000	All Types	All Types of Heating	14.30	
≥ 65,000 to < 135,000		Electric Resistance or No Heating		15.80
≥ 65,000 to < 135,000		All Other Types of Heating		15.60
≥ 135,000 to < 240,000		Electric Resistance or No Heating		15.20
≥ 135,000 to < 240,000		All Other Types of Heating		15.00
≥ 240,000 to < 760,000		Electric Resistance or No Heating		14.10
≥ 240,000 to < 760,000		All Other Types of Heating		13.90
≥ 760,000		Electric Resistance or No Heating		12.00
≥ 760,000		All Other Types of Heating		11.80

UNITARY HEAT PUMPS - $80/ton

Size (Btu/h)	Split System or Single Package	Supplementary Heating Type	Minimum Efficiency Levels			
			SEER2	IEER	COP	HSPF2
< 65,000	Split System	All Types of Heating	15.30			8.00
	Single Package		14.30			7.20
≥ 65,000 to < 135,000	All Types	Electric Resistance or No Heating		15.10	3.60	
≥ 65,000 to < 135,000		All Other Types of Heating		14.90		
≥ 135,000 to < 240,000		Electric Resistance or No Heating		14.40	3.50	
≥ 135,000 to < 240,000		All Other Types of Heating		14.20		
≥ 240,000		Electric Resistance or No Heating		13.40	3.40	
≥ 240,000		All Other Types of Heating		13.20		

Equipment must meet or exceed one of the efficiency requirements in the above table, based on the respective size of the unit.

Many heat pumps list two COP ratings: one which applies to an outdoor temperature of 47° Fdb and 43° Fwb and another which applies to an outdoor temperature of 17°Fdb and 15°Fwb. The COP stanard listed in the table applies only to the COP rating at an outdoor temperature of 47°Fdb and 43°Fwb.

All equipment must meet AHRI standards 210/240 or 340/360, be listed by a Nationally Recognized Testing Laboratory (ETL, UL, etc.), and use a minimum ozone depleting refrigerant (e.g., HCFC or HFC).

HVAC Efficiency Requirements

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PACKAGED TERMINAL AIR CONDITIONERS (PTAC) - $80/ton

Capacity (Btu/h)	Minimum Efficiency Levels	
	Standard EER	Non-Standard EER
6,000	12.70	10.10
7,000		
8,000	12.40	9.80
9,000	12.10	9.60
10,000	11.80	9.40
11,000	11.40	9.20
12,000	11.10	8.90
13,000	10.80	8.70
14,000	10.50	8.50
15,000	10.20	8.20
16,000		
17,000		

PACKAGED TERMINAL HEAT PUMPS (PTHP) - $80/ton

Capacity (Btu/h)	Minimum Efficiency Levels			
	Standard EER	Non-Standard EER	Standard COP	Non-Standard COP
6,000	12.70	10.00	3.50	2.90
7,000			3.60	
8,000	12.40	9.70	3.50	
9,000	12.10	9.50		
10,000	11.80	9.30	3.40	2.80
11,000	11.40	9.00	3.30	
12,000	11.10	8.80		
13,000	10.80	8.60	3.20	2.70
14,000	10.50	8.40		
15,000	10.20	8.10	3.10	
16,000				
17,000				

Equipment must meet or exceed one of the efficiency requirements in the above table, based on the respective size of the unit.

All equipment must meet AHRI standard 310/380, be listed by a Nationally Recognized Testing Laboratory (ETL, UL, etc.), and use a minimum ozone depleting refrigerant (e.g., HCFC or HFC).

Standard size means a PTAC or PTHP with wall sleeve dimensions having an external wall opening of greater than or equal to 16 inches high or greater than or equal to 42 inches wide, and a cross-sectional area greater than or equal to 670 square inches. Non-standard size means PTAC or PTHP with existing wall sleeve dimensions having an external wall opening of less than 16 inches high or less than 42 inches wide, and a cross-sectional area less than 670 square inches.

HVAC Efficiency Requirements

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UNITARY A/C UNITS - CEE ADVANCED TIER - $175/ton

Size (Btu/h)	Split System or Single Package	Supplementary Heating Type	Minimum Efficiency Levels			
			SEER2	IEER	EER	EER2
< 65,000	Split System	All Types of Heating	17.10			
	Single Package		16.00			12.00
≥ 65,000 to < 135,000	All Types	Electric Resistance or No Heating		19.20	12.70	
		All Other Types of Heating		19.00	12.50	
≥ 135,000 to < 240,000		Electric Resistance or No Heating		18.50	12.20	
		All Other Types of Heating		18.30	12.00	
≥ 240,000 to < 760,000		Electric Resistance or No Heating		17.10	10.80	
		All Other Types of Heating		16.90	10.60	
≥ 760,000		Electric Resistance or No Heating		15.10	10.40	
		All Other Types of Heating		14.90	10.20	

Equipment must meet or exceed one of efficiency requirements in the above table, based on the respective size of the unit.

All equipment must meet AHRI standards 210/240 or 340/360, be listed by a Nationally Recognized Testing Laboratory (ETL, UL, etc.), and use a minimum ozone depleting refrigerant (e.g., HCFC or HFC).

ADVANCED TIER HEAT PUMPS - $175/ton

Size (Btu/h)	Split System or Single Package	Supplementary Heating Type	Minimum Efficiency Levels					
			SEER2	EER2	IEER	EER	HSPF2	COP
< 65,000	Split System	All Types of Heating	17.00	12.00			8.00	
	Single Package		16.00	11.00			8.00	
≥ 65,000 to < 135,000	All Types	Electric Resistance or No Heating			17.60	11.80		3.6 at 47°F DB
		All Other Types of Heating			17.40	11.60		2.5 at 17°F DB
≥ 135,000 to < 240,000		Electric Resistance or No Heating			16.80	11.10		3.5 at 47°F DB
		All Other Types of Heating			16.60	10.90		2.2 at 17°F DB
≥ 240,000		Electric Resistance or No Heating			15.60	10.30		3.4 at 47°F DB
		All Other Types of Heating			15.40	10.10		2.2 at 17°F DB

Equipment must meet or exceed one of efficiency requirements in the above table, based on the respective size of the unit.

All equipment must meet AHRI standards 210/240 or 340/360, be listed by a Nationally Recognized Testing Laboratory (ETL, UL, etc.), and use a minimum ozone depleting refrigerant (e.g., HCFC or HFC).

HIGH EFFICIENCY AIR-COOLED CHILLERS (for comfort cooling) - $200/ton

Size (Ton)	Full-Load Optimized - Path A (must meet both efficiencies)			Part-Load Optimized - Path B (must meet both efficiencies)	
	EER	IPLV		EER	IPLV
< 150	10.80	13.70	OR	9.70	16.90
≥ 150		14.00			17.20

High-efficiency air-cooled chillers must follow either Path A or Path B. To qualify, both the EER and IPLV must meet or exceed the listed minimum values for that designated path.

Air-cooled chiller efficiency metrics must follow AHRI 550/590 standards and conditions, be listed by a Nationally Recognized Testing Laboratory (ETL, UL, etc.), and use a minimum ozone depleting refrigerant (e.g., HCFC or HFC).

HVAC Efficiency Requirements

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VARIABLE REFRIGERANT MULTI-SPLIT HEAT PUMPS - $250/ton

Size (Btu/h)	System Type	Minimum Efficiency Levels					
		SEER	SEER2	IEER	COP	HSPF	HSPF2
< 65,000 Btu/h (single-phase)	Multi-split System	14.00	13.30			8.00	6.80
≥ 65,000 Btu/h and < 135,000 Btu/h				14.10	3.40		
≥ 135,000 Btu/h and < 240,000 Btu/h				13.50	3.30		
≥ 240,000 Btu/h and < 760,000 Btu/h				12.50	3.20		

Equipment must meet or exceed one of efficiency requirements in the above table, based on the respective size of the unit.

All equipment must meet AHRI standard 1230, be listed by a Nationally Recognized Testing Laboratory (ETL, UL, etc.), and use a minimum ozone depleting refrigerant (e.g., HCFC or HFC).

Many heat pumps list two COP ratings: one which applies to an outdoor temperature of 47° Fdb and 43° Fwb and another which applies to an outdoor temperature of 17°Fdb and 15°Fwb. The COP stanard listed in the table applies only to the COP rating at an outdoor temperature of 47°Fdb and 43°Fwb.

GROUND SOURCE HEAT PUMPS - $1,000/ton

Size (Ton)	System Type	Minimum Efficiency Levels	
		EER	COP
All Sizes Eligible	Ground Loop - Closed	14.1	3.2
	Ground Water Loop - Open	18	3.7

Ground source heat pumps must meet or exceed both efficiency requirements, based on the respective system type.

All equipment must be listed by a Nationally Recognized Testing Laboratory (ETL, UL, etc.), and use a minimum ozone depleting refrigerant (e.g., HCFC or HFC).

Many heat pumps list two COP ratings: one which applies to an outdoor temperature of 47° Fdb and 43° Fwb and another which applies to an outdoor temperature of 17°Fdb and 15°Fwb. The COP stanard listed in the table applies only to the COP rating at an outdoor temperature of 47°Fdb and 43°Fwb.