

HVAC and Plumbing

2022 Rebate Catalog

- Steam Trap Surveys** (page 2)
- Steam Traps** (page 2)
- Notched and Synchronous Belts** (page 3)
- Pipe Insulation** (page 4)
- Unitary HVAC and Split AC Systems** (page 5)
- Boilers, Furnaces and Unit Heaters** (page 6)
- Boiler Economizer** (page 7)
- Low-Intensity Infrared Heaters** (page 7)
- Instantaneous Water Heaters** (page 8)
- EC Motor for Hydronic Circulation Pump** (page 9)
- Controls and Thermostats** (page 10)
- Energy Management System (EMS) – Guest Room** (page 10)
- VFD for HVAC Fans and Pumps** (page 11)
- Demand Controlled Ventilation (DCV)** (page 12)
- Industrial Air Curtain** (page 12)
- Boiler Tune-Ups** (page 13)
- Chiller Tune-Ups** (page 13)



HVAC and Plumbing

Applicable to all measures: Applicable to all measures: Simple payback must be greater than or equal to six (6) months for industrial customers and one (1) year for all other commercial customers. If the payback falls below these minimums, the rebate amount will be reduced accordingly to meet this requirement.

Steam Trap Surveys Eligible for New Construction? Yes No



General Requirements:

- This offering offsets the full or partial cost of performing a steam trap survey.
 - Maximum rebate is equal to 100% of the trap survey cost, up to \$10,000.
 - 50% of the survey cost, up to \$5,000, is available upon completion of the survey.
 - The remaining 50%, up to another \$5,000, is available upon the repair/replacement of all failed/leaking traps identified through the survey and submitted to the program for an additional rebate.
 - If a failed trap cannot be replaced due to an extenuating circumstance, the applicant may still be eligible to receive the second half of the rebate by submitting a written explanation for program review and approval.
- Failed/leaking traps must be replaced within 90 days of the completion of the survey. An invoice for the steam trap survey must be submitted with the application.
- Surveys must be provided as a table and must include (at a minimum):
 - Tag number and trap location
 - Operating condition
 - Trap type
 - Failure type (open/closed)
 - Manufacturer
 - Model number
 - Recommended repair or replacement
 - Steam pressure at each trap (psig)
 - Pipe size
 - Trap interior orifice diameter
 - Repair/replacement costs per trap, if necessary
- Repaired/replaced traps may qualify for an additional rebate per the Steam Traps section below.

Rebate Table

Date Survey Completed	Survey Cost	Did this result in repair or replacement of traps? (Y/N)	Requested Rebate

Steam Traps Eligible for New Construction? Yes No

General Requirements:

- Steam traps must be leaking or blow through. Blocked traps or traps that have failed closed do not qualify.
- Rebates available once per 6-year period.
- If the application is for a central steam distribution facility (such as a district), please contact the program to review details before proceeding with your project.
- Qualifying trap types include:
 - Thermostatic and float
 - Mechanical
 - Thermodynamic

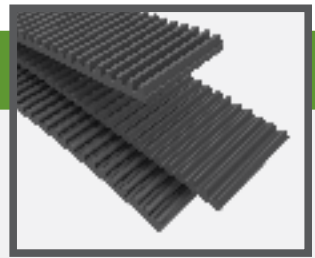
Qualifying Equipment and Rebates

Trap Type	PSI Range	Rebate
Low Pressure space heating	< 15 psig	\$100/trap
Process related	≤ 75 psig	\$250/trap
Process related	> 75 psig	Custom

Rebate Table

Trap ID	Location/ Designation	Manufacturer	Model	Steam Pressure at Trap (psig)	Interior Orifice Diameter (inches)	Boiler Efficiency (%)	Qty Traps Replaced	Annual Operating Hours (process traps only)	Subtotal Rebate (Rebate x Qty)
Attach additional sheets if needed.							Total Requested Rebate		

Notched and Synchronous Belts Eligible for New Construction? Yes No



General Requirements

- This measure is for the replacement of straight V-belt drives with notched or synchronous belt drives in electric HVAC fans.
- **Notched Belts** have grooves or notches that run perpendicular to the belt's length, which reduces the bending resistance of the belt. Notched belts use the same pulleys as standard V-belts.
- **Synchronous Belts** (also called cogged, timing, positive-drive, or high-torque drive belts) are toothed and require the installation of matching grooved sprockets.
- Motors larger than 500 HP do not qualify for this incentive but may qualify for a custom incentive.
- Project costs should include any applicable sprockets that are needed for installation.

Rebate Table

Make/Model	Type of Fan	Rated HP	Belt Type and Rebate	Belt Qty	Subtotal Rebate (Rebate x Belt Qty)
	<input type="checkbox"/> Distribution Fan <input type="checkbox"/> Cooling Tower Fan		<input type="checkbox"/> Notched (\$25/belt) <input type="checkbox"/> Synchronous (\$100/belt)		
	<input type="checkbox"/> Distribution Fan <input type="checkbox"/> Cooling Tower Fan		<input type="checkbox"/> Notched (\$25/belt) <input type="checkbox"/> Synchronous (\$100/belt)		
	<input type="checkbox"/> Distribution Fan <input type="checkbox"/> Cooling Tower Fan		<input type="checkbox"/> Notched (\$25/belt) <input type="checkbox"/> Synchronous (\$100/belt)		
Attach additional sheets as needed.			Total Requested Rebate		

Pipe Insulation Eligible for New Construction? Yes No



General Requirements:

- Eligible installations include fiberglass or rigid foam/cellular glass pipe insulation on bare copper or steel pipe used for HW heating, steam heating, and DHW heating in existing buildings.
- Pipe to be insulated must have a nominal diameter between 0.5" and 8".
- Insulation must be installed by a qualified technician and tested in accordance with all pertinent ASTM standards.
- Pipe insulation for electric space heating applications is ineligible as are other applications such as process heating, but may be eligible for a custom rebate.
- Insulation thickness must be according to ECCCNYC with a minimum insulation thickness as shown in the table below:

Minimum Insulation Thickness

Fluid Operating Temperature Range and Usage (°F)	Conductivity (BTU-in/h-ft ² -F)	Mean Rating Temperature	Nominal Pipe or Tube Size (in)				
			< 1	≥ 1 and < 1.5	≥ 1.5 and < 4	≥ 4 and < 8	≥ 8
201-250	0.27-0.30	150	2.5	2.5	2.5	3.0	3.0
141-200	0.25-0.29	125	1.5	1.5	2.0	2.0	2.0
105-140	0.21-0.28	100	1.0	1.0	1.5	1.5	1.5
40-60	0.21-0.27	75	0.5	0.5	1.0	1.0	1.0
< 40	0.20-0.26	50	0.5	1.0	1.0	1.0	1.5

Qualifying Equipment and Rebates

Heating System Type	Rebate (per thickness per linear foot)
Domestic Hot Water (DHW)	\$3
Space Heating Hot Water (HW)	\$1.50
Space Heating Steam	\$2

Rebate Table

Location	Space Type	Pipe Material	Pipe Diameter (inches)	Insulation Material	Heating System Type	Heating Fuel Type	Insulation Thickness (inches)	Length of Installed Insulation (feet)	Subtotal Rebate (rebate x thickness x length)
	<input type="checkbox"/> Conditioned <input type="checkbox"/> Semi-Conditioned <input type="checkbox"/> Unconditioned	<input type="checkbox"/> Steel <input type="checkbox"/> Copper		<input type="checkbox"/> Fiberglass <input type="checkbox"/> Rigid Foam <input type="checkbox"/> Cellular Glass	<input type="checkbox"/> DHW <input type="checkbox"/> Space Heating HW <input type="checkbox"/> Space Heating Steam	<input type="checkbox"/> Natural Gas <input type="checkbox"/> Electric			
	<input type="checkbox"/> Conditioned <input type="checkbox"/> Semi-Conditioned <input type="checkbox"/> Unconditioned	<input type="checkbox"/> Steel <input type="checkbox"/> Copper		<input type="checkbox"/> Fiberglass <input type="checkbox"/> Rigid Foam <input type="checkbox"/> Cellular Glass	<input type="checkbox"/> DHW <input type="checkbox"/> Space Heating HW <input type="checkbox"/> Space Heating Steam	<input type="checkbox"/> Natural Gas <input type="checkbox"/> Electric			
	<input type="checkbox"/> Conditioned <input type="checkbox"/> Semi-Conditioned <input type="checkbox"/> Unconditioned	<input type="checkbox"/> Steel <input type="checkbox"/> Copper		<input type="checkbox"/> Fiberglass <input type="checkbox"/> Rigid Foam <input type="checkbox"/> Cellular Glass	<input type="checkbox"/> DHW <input type="checkbox"/> Space Heating HW <input type="checkbox"/> Space Heating Steam	<input type="checkbox"/> Natural Gas <input type="checkbox"/> Electric			
	<input type="checkbox"/> Conditioned <input type="checkbox"/> Semi-Conditioned <input type="checkbox"/> Unconditioned	<input type="checkbox"/> Steel <input type="checkbox"/> Copper		<input type="checkbox"/> Fiberglass <input type="checkbox"/> Rigid Foam <input type="checkbox"/> Cellular Glass	<input type="checkbox"/> DHW <input type="checkbox"/> Space Heating HW <input type="checkbox"/> Space Heating Steam	<input type="checkbox"/> Natural Gas <input type="checkbox"/> Electric			
	<input type="checkbox"/> Conditioned <input type="checkbox"/> Semi-Conditioned <input type="checkbox"/> Unconditioned	<input type="checkbox"/> Steel <input type="checkbox"/> Copper		<input type="checkbox"/> Fiberglass <input type="checkbox"/> Rigid Foam <input type="checkbox"/> Cellular Glass	<input type="checkbox"/> DHW <input type="checkbox"/> Space Heating HW <input type="checkbox"/> Space Heating Steam	<input type="checkbox"/> Natural Gas <input type="checkbox"/> Electric			
Attach additional sheets if needed.							Total Requested Rebate		

Unitary HVAC and Split AC Systems Eligible for New Construction? Yes No



General Requirements:

- Eligible systems include split or unitary air conditioning (AC) systems. Unitary equipment refers to single packaged rooftop units (RTUs).
- Incentives are for standard HVAC applications only. Equipment used for industrial cooling, ice rinks, and refrigerated warehouses may qualify for a custom incentive.
- Equipment must be permanently installed, rated and certified by Air Conditioning, Heating and Refrigeration Institute (AHRI), must be UL-listed, and use minimum ozone-depleting refrigerant (e.g., HCFC or HFC).
- Equipment efficiency and capacity (both EER and SEER/IEER) shall be AHRI certified efficiency based on AHRI standard rating conditions. Equipment ≥ 63.33 tons is not listed in ahrirectory.org. For this equipment, provide a manufacturer performance document that indicates ratings are "at AHRI conditions."
- Qualifying split systems must have both a new condenser and a new coil installed with both rated in accordance with applicable AHRI Standards. Matched system performance (condenser and coil) must meet or exceed the minimum efficiency outlined in the table below.
- Unitary high efficiency natural gas heating equipment may be eligible for an additional rebate, see page 6.
- Heat pumps and VRF systems are no longer eligible under the C&I rebate program. For rebates on this equipment, please refer to the Clean Heat Program.

Qualifying Equipment and Rebates

Equipment Cooling Capacity		Minimum AC System Efficiency	Rebate (\$/ton)
Tons	Btu/h		
$\geq 1.0 < 5.4$	$\geq 12,000 < 65,000$	16 SEER	\$50/ton
		20 SEER	\$100/ton
		24 SEER	\$150/ton
$\geq 5.4 < 11.25$	$\geq 65,000 < 135,000$	13.8 IEER	\$50/ton
$\geq 11.25 < 20$	$\geq 135,000 < 240,000$	13.0 IEER	
$\geq 20 < 63$	$\geq 240,000 < 760,000$	12.1 IEER	
≥ 63	$\geq 760,000$	11.4 IEER	\$40/ton

Rebate Table

Manufacturer	Model	System Type	Cooling Capacity (ton)	Cooling EER	Cooling IEER or SEER	Rebate (\$/ton)	Qty	Subtotal Rebate (Rebate x Tons x Qty)
		<input type="checkbox"/> Packaged <input type="checkbox"/> Split System						
		<input type="checkbox"/> Packaged <input type="checkbox"/> Split System						
		<input type="checkbox"/> Packaged <input type="checkbox"/> Split System						
Attach additional sheets if needed.						Total Requested Rebate		

Boilers, Furnaces and Unit Heaters

Eligible for New Construction? Yes No

General Requirements:

- Only natural gas fired units for space heating applications are eligible.
- Backup or standby heating equipment is not eligible.
- Eligible equipment must be rated and certified by Air Conditioning, Heating and Refrigeration Institute (AHRI).
- Eligible condensing boilers must include supply temperature reset profiles that allow the boilers to reach condensing modes of operation throughout the year.



Qualifying Equipment and Rebates

Equipment Type and Capacity	Minimum Efficiency	Rebate
Condensing Hydronic Boilers ≤ 300 MBH	93% AFUE	\$3/MBH
Condensing Hydronic Boilers 301 – 2,500 MBH	93% Thermal Eff.	\$3/MBH
Condensing Hydronic Boilers ≥ 2,501 MBH	93% Combustion Eff.	\$3/MBH
Steam Boilers ≤ 300 MBH	83% AFUE	\$2/MBH
Furnaces ≤ 300 MBH	92% Thermal Eff.	\$2/MBH
Unit Heaters 100 MBH - 400 MBH	92% Combustion Eff.	\$2/MBH
Unitary Condensing Furnace	92% Thermal Eff.	\$2/MBH

Rebate Table

Manufacturer	Model	Input Heating Capacity (MBH)	Heating Efficiency	Qty	Subtotal Rebate (Rebate x MBH x Qty)
Attach additional sheets if needed.				Total Requested Rebate	

Boiler Economizer Eligible for New Construction? Yes No



General Requirements

- This measure covers the installation of a boiler economizer. Also known as stack economizers and feedwater economizers, boiler economizers are designed to recover heat from hot flue gases. Recovered heat is used to pre-heat boiler feedwater, reducing heating requirements and improving system efficiencies. This measure is applicable to the installation of condensing and non-condensing economizers on boilers.
- **Conventional**, or non-condensing economizers, are typically air-to-water heat exchangers that operate above the dew point of the flue gas to avoid condensation. One of these economizers should provide a stack temperature reduction of at least 85°F.
- **Condensing** economizers are designed to allow condensing of the exhaust gas components and reduce the flue gas temperature below its dew point, and thus recover more energy. One of these economizers should provide a stack temperature reduction of at least 173°F on a hot water boiler, and 213°F on a steam boiler.
- The boilers must be noncondensing, have forced draft burners, and must operate for at least 5,500 hours a year to qualify. This can consist of a combination of process and heating loads.
- Economizers on redundant or back-up boilers are not eligible.

Rebate Table

Boiler Make/Model	Economizer Make/Model	Fuel Input Rating of Boilers (MBH)	Boiler Type	Economizer Type and Rebate	Estimated Annual Hours of Operation	Subtotal Rebate (Rebate x Boiler Input MBH)
			<input type="checkbox"/> Hot Water <input type="checkbox"/> Steam	<input type="checkbox"/> Conventional (\$2/MBH) <input type="checkbox"/> Condensing (\$4/MBH)		
			<input type="checkbox"/> Hot Water <input type="checkbox"/> Steam	<input type="checkbox"/> Conventional (\$2/MBH) <input type="checkbox"/> Condensing (\$4/MBH)		
			<input type="checkbox"/> Hot Water <input type="checkbox"/> Steam	<input type="checkbox"/> Conventional (\$2/MBH) <input type="checkbox"/> Condensing (\$4/MBH)		
Attach additional sheets if needed.					Total Requested Rebate	

Low-Intensity Infrared Heaters Eligible for New Construction? Yes No



General Requirements:

- Eligible equipment includes installation of new low-intensity IR heaters, also referred to as radiant tube heaters, which operate through the combustion of fuel to heat steel or ceramic emitter tubes that deliver infrared radiant energy to the space.
- Units replacing existing infrared heater systems are not eligible
- Only low-intensity infrared heaters are eligible
- Units must have electronic ignition and be vented per the manufacturer's requirements.
- Excludes outdoor patio heating applications.
- Only natural gas applications are eligible

Rebate Table

Manufacturer	Model	Input Heating Capacity (MBH)	Qty	Subtotal Rebate (\$3.50 x MBH x Qty)
Attach additional sheets if needed.			Total Requested Rebate	

Instantaneous Water Heaters Eligible for New Construction? Yes No



General Requirements:

- Eligible equipment includes high efficiency instantaneous domestic hot water (DHW) heaters for natural gas and electric heating of potable water only, not intended for process loads or space heating.
- Maximum storage capacity of one gallon of water per 4,000 BTU/h of input.
- Applies to commercial grade water heaters only as indicated in equipment specification sheet. Residential-duty water heaters are not eligible.
- For retrofit/replacement applications, the existing DHW storage tank must be decommissioned. For new DHW heaters, new storage tanks must not be installed or intended to be used with the new tankless DHW heater.
- Must meet ENERGY STAR qualifications if applicable.

Qualifying Equipment and Rebates

Input Heating Capacity	Minimum Thermal Efficiency	Rebate Per Unit
Natural Gas Heating > 200 MBH input	92%	\$250
Electric Heating > 12 kW	98%	\$400

Rebate Table

Manufacturer	Model	Fuel Type	Thermal Efficiency (Natural Gas) or Energy Factor (Electric)	Input Capacity (Btu/h or kW)	Rebate Per Unit (From Qualifying Equipment Table)	Qty	Subtotal Rebate (Rebate x Qty)
		<input type="checkbox"/> Natural Gas <input type="checkbox"/> Electric					
		<input type="checkbox"/> Natural Gas <input type="checkbox"/> Electric					
		<input type="checkbox"/> Natural Gas <input type="checkbox"/> Electric					
Attach additional sheets if needed.					Total Requested Rebate		

EC Motor for Hydronic Circulation Pump

Eligible for New Construction? Yes No



General Requirements

- This measure covers the replacement of standard efficiency permanent split capacitor (PSC) motor circulator pumps with electronically commutated (EC) motor circulator pumps in HVAC hydronic and domestic hot water (DHW) systems. A circulator pump is a specific type of pump used to circulate liquids in a closed distribution system. These Pumps are commonly found circulating water in a hydronic heating or cooling system and can modulate speeds to match flows.
- Due to the improved design of the EC motors, a PSC motor can typically be replaced with an EC motor of smaller capacity to maximize energy savings.
- This measure is not applicable to systems used in industrial processes.
- Redundant or back-up pump motors are not eligible.

Qualifying Equipment and Rebates

Proposed EC Motor Size	Rebate per Motor
≤ 100 watts	\$150
> 100 watts, ≤ 500 watts	\$500
> 500 watts, ≤ 1,000 watts	\$1,000
> 1,000 watts, ≤ 1,500 watts	\$1,500
> 1,500 watts	\$2,000

Rebate Table

Existing PSC Motor Size (watts)*	Proposed EC Motor Size (watts)*	Make/Model of Proposed Motor	Hydronic Application**	Quantity	Subtotal Rebate (Rebate x Qty)
			<input type="checkbox"/> Continuous Heating <input type="checkbox"/> Continuous Cooling <input type="checkbox"/> On/Off Heating <input type="checkbox"/> On/Off Cooling <input type="checkbox"/> DHW		
			<input type="checkbox"/> Continuous Heating <input type="checkbox"/> Continuous Cooling <input type="checkbox"/> On/Off Heating <input type="checkbox"/> On/Off Cooling <input type="checkbox"/> DHW		
			<input type="checkbox"/> Continuous Heating <input type="checkbox"/> Continuous Cooling <input type="checkbox"/> On/Off Heating <input type="checkbox"/> On/Off Cooling <input type="checkbox"/> DHW		
Attach additional sheets if needed.				Total Requested Rebate	

* 1 HP = 746W

** Continuous heating and cooling are loops that provide constant circulation around the building even if the thermostat does not call for conditioning

Controls and Thermostats Eligible for New Construction? Yes No



General Requirements:

- Thermostat must communicate via Wi-Fi.
- Thermostat must be installed in a small commercial building and must be connected to each furnace or boiler.
- Thermostat must allow set point adjustment from anywhere via a remote application on a smart device such as phone or tablet.
- Thermostats with additional functionality also qualify for this rebate if the above requirements are met.
- Boiler Reset Controls are only eligible as an add on or retrofit to existing boilers in space heating systems.

Qualifying Equipment and Rebates

Controls and Thermostats	Efficiency	Rebate
Wi-Fi Enabled Thermostats	N/A	\$75/thermostat
Boiler Reset Controls (Retrofit on Existing Boiler Only)	1 Stage	\$150/control

Rebate Table

Equipment	Manufacturer	Model	Boiler Input Capacity (MBH)	Rebate (see table above)	Qty	Subtotal Rebate (Rebate x Qty)
Wi-Fi Thermostats			N/A			
Boiler Reset Controls						
Attach additional sheets if needed.					Total Requested Rebate	

Energy Management System (EMS) – Guest Room

Eligible for New Construction? Yes No



General Requirements:

- Applies to the installation of guest room energy management systems in motel/hotel guest rooms.
- Eligible EMS systems must include controls based on occupancy using occupancy sensors, passive infrared sensors, or key cards.
- Front desk-controlled network sensors must also have occupancy sensors in each guest room.
- Eligible in-room HVAC systems to be controlled include PTHP and PTAC with electric resistance heat.
- Housekeeping staff may or may not setback room temperatures prior to EMS install. Please note in the table below if temperature setbacks are standard practice for housekeeping.
- During unoccupied periods, the default setting for controlled units must differ from the operating set point by at least 5°F or shut the unit fan and heating/cooling off completely.
- The existing (or baseline) HVAC system must be manually controlled within each guest room.
- Other in-room HVAC system types or deviations from general requirements may be eligible for a custom rebate.

Rebate Table

Building Type	Control Type Before EMS	In-room Heating/Cooling System Type	Unit Size (tons cooling)	Qty	Subtotal Rebate (\$50 x Tons x Qty)
<input type="checkbox"/> Hotel <input type="checkbox"/> Motel	<input type="checkbox"/> No standard practice for setbacks <input type="checkbox"/> Manual setbacks by housekeeping	<input type="checkbox"/> PTAC w/electric heat <input type="checkbox"/> PTHP			
<input type="checkbox"/> Hotel <input type="checkbox"/> Motel	<input type="checkbox"/> No standard practice for setbacks <input type="checkbox"/> Manual setbacks by housekeeping	<input type="checkbox"/> PTAC w/electric heat <input type="checkbox"/> PTHP			
<input type="checkbox"/> Hotel <input type="checkbox"/> Motel	<input type="checkbox"/> No standard practice for setbacks <input type="checkbox"/> Manual setbacks by housekeeping	<input type="checkbox"/> PTAC w/electric heat <input type="checkbox"/> PTHP			
Attach additional sheets if needed.					Total Requested Rebate

VFD for HVAC Fans and Pumps Eligible for New Construction? Yes No



General Requirements:

- Installation of Variable Frequency Drive (VFD) must accompany the permanent removal/disabling of existing flow control devices.
- VFD installed on a motor greater than 200hp is not eligible for a prescriptive rebate, however it may qualify as a custom project.
- Prescriptive rebates will be provided for the installation of VFD's for ONLY the existing installation types outlined in the table below:
 - Supply fan (SF) in a VAV system with inlet vane controls. Forward curved supply fans are not eligible.
 - Return fan (RF) in a VAV system with discharge damper controls.
 - Cooling Tower Fan (CT or Tower Fan) that is a single-speed/constant volume unit.
 - Condenser Water (CW) Distribution Pump that is a constant speed/constant flow unit.
 - Heating Hot Water (HW) Pump that is a variable volume constant speed unit (rides the pump curve as flow varies).
 - Chilled Water (CHW) Pump that is a variable volume constant speed unit (rides the pump curve as flow varies).
- **VFD must be controlled by an automatic signal in response to modulating air/water flows. The VFD speed must be automatically controlled by differential pressure, flow or temperature. Applicants must demonstrate significant load diversity that will result in savings through motor speed variation. Motors must operate a minimum of 1200 hours annually.**
- The following VFD applications are not eligible in this application:
 - VFD required in accordance to International Energy Conservation Code 2015.
 - Replacement of existing VFD or redundant/backup motors.
 - VFD installed in place of multi-speed flow control equipment.
 - VFD installed for purpose of "soft-starting" motors.
 - VFD installed on pumps where affinity laws are not in effect, such as sump pumps.
 - Forward curve fans with inlet guide vanes.
 - Variable pitch vane-axial fans.
 - VFD used for balancing.
 - VFD used as two-speed control of fan or pump.
 - VFD used to mitigate over-sized motor installation.
- All other VFD applications may qualify for a custom rebate if they do not fit the prescriptive criteria.
- A rebate calculator is not required for these measures.

Qualifying Equipment and Rebates

VFD Type	Abbreviation	Rebates (\$/hp)
Condenser Water Pump	CW Pump	\$40
Chilled Water Pump	CHW Pump	\$40
Hot Water Pump	HW Pump	\$40
Cooling Tower Fan	CT Fan/Tower Fan	\$40
Return Fan	RF	\$60
Supply Fan	SF	\$60

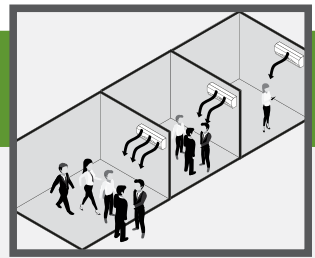
Rebate Table

Manufacturer	Model	VFD Type (Abbreviation)	VFD Control Type (Note 1)	Unit Size (hp)	Rebate (\$/hp)	Qty	Subtotal Rebate (Rebate x hp x Qty)
Attach additional sheets if needed.						Total Requested Rebate	

Note 1: DP = Differential Pressure | T = Temperature | F = Flow

Demand Controlled Ventilation (DCV)

Eligible for New Construction? Yes No



General Requirements:

- Only natural gas heating qualifies.
- Demand Control Ventilation is installed as an energy conservation measure and not required by code (code-required DCV does not qualify).
- No existing HVAC CO₂/occupancy sensors.
- CO₂ sensors must be installed in conjunction with a fully functioning air-side economizer and control the outside air damper.
- Controlled space must meet the minimum requirements of the current ASHRAE 62 Standard, as well as all local building code, and HVAC unit manufacturer's requirements.
- This measure assumes a demand control ventilation system with CO₂ sensors will be added to an existing HVAC system that previously had no DCV system or ventilation heat recovery equipment installed. **Entirely new control systems that include DCV, in addition to other new control strategies, may be eligible for a custom rebate for the entire system.**

Inputs

Square footage of controlled area	ft ²	Total Requested Rebate (Rebate = (ft ² /1000) * \$25)
-----------------------------------	-----------------	--

Building Type:

- | | | | |
|---|--|--|--|
| <input type="checkbox"/> Office - Low-rise (1 story) | <input type="checkbox"/> Restaurant | <input type="checkbox"/> Elementary School | <input type="checkbox"/> Lodging |
| <input type="checkbox"/> Office - Mid-rise (4-11 stories) | <input type="checkbox"/> Retail - Department Store | <input type="checkbox"/> High School | <input type="checkbox"/> Manufacturing |
| <input type="checkbox"/> Office - High-rise (12+ stories) | <input type="checkbox"/> Retail - Strip Mall | <input type="checkbox"/> College/ University | <input type="checkbox"/> Special Assembly Auditorium |
| <input type="checkbox"/> Religious Building | <input type="checkbox"/> Convenience Store | <input type="checkbox"/> Healthcare Clinic | <input type="checkbox"/> Other _____ |

Industrial Air Curtain Eligible for New Construction? Yes No



General Requirements

- This measure is applicable to the installation of air curtains to entryways with overhead doors between conditioned and unconditioned spaces. The air curtains act as air barriers between environments and reduce heating and air conditioning consumption of the building.
- The installation must follow manufacturer recommendations regarding proper air velocity, discharge angle down to the floor level, and unit position.
- This measure only applies to standard air curtains without additional heating capacity, and only applies to overhead doors where there was previously no air curtain installed.
- Eligible applications include overhead doors that are open for at least 2 hours a day and in facilities that heat with natural gas equipment.

Rebate Table

Make/Model	Daily Run Hours of Air Curtain	Air Curtain Fan (HP)	Dimension of Doorway (length and height in ft)	Efficiency of the Heating System (%)	Efficiency of the Cooling System (SEER/IEER)	Subtotal Rebate (\$20 x Length x Height of Doorway)
Attach additional sheets if needed.					Total Requested Rebate	

Boiler Tune-Ups Eligible for New Construction? Yes No



General Requirements:

- Rebates are available once per 5-year period.
- Only natural gas fired boilers under 1,600 MBH input are eligible.
- Process loads or space heating only.
- Backup/standby equipment is not eligible.
- Tune-up service must include:
 - Cleaning of burners, combustion chamber and burner nozzles.
 - Adjusting airflow and reducing excessive stack temperatures.
 - Adjusting burner and natural gas input.
 - Inspection of venting, safety controls and adequacy of combustion air intake.
 - Measuring combustion efficiency for High Fire before and after tune-up using a flue gas analyzer.
 - Burner must be adjusted to show an improvement in combustion efficiency.
- Tune-up is to be performed by a qualified technician.

Inputs

Boiler Make		Age of Equipment	
Boiler Model		Boiler Capacity (input)	MBH
Boiler Type (select one)	<input type="checkbox"/> Space Heat <input type="checkbox"/> Process Heat	Operating Hours (process heating only)	Hours/Year
Baseline Combustion Efficiency (%)	As measured in flue gas analysis	Post-Tune-up Combustion Efficiency (%)	As measured in flue gas analysis
Total Requested Rebate (Rebate = MBH x \$0.30)			

Chiller Tune-Ups Eligible for New Construction? Yes No



General Requirements:

- Rebates are available once per 5-year period.
- Only electric chillers are eligible.
- Backup/standby equipment is not eligible.

Qualifying Equipment

Equipment Information¹

Manufacturer	Model	Serial #	Cooling Capacity	Chiller Type	System Type
			Tons	<input type="checkbox"/> Air Cooled <input type="checkbox"/> Water Cooled	<input type="checkbox"/> Path A - Constant Speed Chiller <input type="checkbox"/> Path B - Variable Speed Chillers
Attach additional sheets if needed.			Total Requested Rebate (Rebate = Chiller Capacity (tons) x \$5)		

¹Equipment Information: (Please submit a separate sheet for each eligible chiller)

By signing the rebate application, the customer or contractor is certifying all checklist items have been completed.

Testing Results

Testing Results	Optional Notes
<input type="checkbox"/> Clean condenser coil/tubes	
<input type="checkbox"/> Check cooling tower for scale or buildup	
<input type="checkbox"/> Check contactors condition	
<input type="checkbox"/> Check evaporator condition	
<input type="checkbox"/> Check low-pressure controls	
<input type="checkbox"/> Check high-pressure controls	
<input type="checkbox"/> Check filter and replace as needed	
<input type="checkbox"/> Check crankcase heater operation	
<input type="checkbox"/> Check economizer operation	
<input type="checkbox"/> Additional notes/comments:	