

# Process Systems

## 2024 Rebate Catalog

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# Instructions

This catalog contains eligibility criteria and rebate amounts for prescriptive rebates available for the equipment listed below. This information can be used to determine eligibility, estimate rebate potential, and assist in submitting an application.

Applications are submitted through our [online portal](#).

For questions, contact the Commercial and Industrial Rebate Program Team at 888.316.8023, email [cienergysavings@franklinenergy.com](mailto:cienergysavings@franklinenergy.com), or visit [nyseg.com/sbrp](http://nyseg.com/sbrp) or [rge.com/sbrp](http://rge.com/sbrp).

## Process Systems

### VSD Air Compressors Eligible for New Construction? Yes No

#### General Requirements:

- This rebate is available for the installation of new oil-flooded, rotary screw air compressors with variable frequency drives meeting the requirements of ISO Standard 8573.
- Eligible applications are limited to single compressor systems only which operate at 145psi or below. If redundant equipment is installed, only one unit may be eligible for rebate.
- Eligible air compressors must be greater than or equal to 15hp and operate a minimum of 2,000 hours per year. Systems outside of the listed criteria may be eligible for a custom rebate.
- The following projects are ineligible for a prescriptive rebate and may be considered through the custom program: installing a variable displacement air compressor; adding a VSD to an existing compressor; replacing an existing/failed VSD compressor with a new VSD compressor; adding a VSD compressor to a compressed air system that has multiple connected compressors of varying capacities which will remain in regular use.
- Supply a cut-sheet on compressor that states capacity (CFM) at operating pressure specific to this project.

Make/Model	Shifts Per Day (8-hour)	Annual Operating Hours	Unit Size (hp)	Quantity	Subtotal Rebate (\$150*hp*qty)
Attach additional worksheets if needed.				<b>Total Requested Rebate</b>	

### Refrigerated Compressed Air Dryers Eligible for New Construction? Yes No

#### General Requirements:

- This rebate is available for the installation of a cycling or variable frequency drive (VFD)-controlled refrigerated compressed air dryer. The compressed air dryer must run a minimum of 2,000 hours per year and not be a back-up or redundant unit in the system.
- Provide a cut-sheet for the air dryer that states capacity (CFM) at the operating pressure specific to this project.

Make/Model	Shifts Per Day (8-hour)	Dryer Annual Operating Hours	Dryer Capacity (CFM)	Subtotal Rebate (\$4*CFM)
Attach additional worksheets if needed.			<b>Total Requested Rebate</b>	

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## Zero-Loss Condensate Drains Eligible for New Construction? Yes No

### General Requirements:

- This rebate is available for the replacement of an electronic solenoid or timed drain on a compressed air system with the installation of a no air loss, or zero-loss, condensate drain.
- An eligible drain must continuously measure the presence of condensate, purge it only when necessary and only long enough to prevent the unintentional purging of compressed air.
- An eligible drain must be used in systems with load/no-load, variable speed, variable displacement or centrifugal compressors.
- Rebate is limited to three zero-loss drains per compressed air system.

Make/Model	Shifts Per Day (8-hour)	System Annual Operating Hours	Quantity	Subtotal Rebate (\$120*drain qty)
Attach additional worksheets if needed.			<b>Total Requested Rebate</b>	

## Compressed Air Flow Controller Eligible for New Construction? Yes No

### General Requirements:

- This measure pertains to the installation of a pressure/flow controller installed as a retrofit on an existing compressed air system.
- Flow controller must be installed on the main pressure header between the compressed air dry storage tank and the end use distribution system.
- Eligible flow controllers must be installed on systems with  $\geq 50$ hp compressor capacity and reduce overall discharge pressure by  $\geq 5$  psig.

Make/Model	Shifts Per Day (8-hour)	Annual Operating Hours	Compressor System Size (hp*)	Controller Quantity	Subtotal Rebate (\$1,000*controller qty)
Attach additional worksheets if needed.			<b>Total Requested Rebate</b>		

\* Do not include the hp of backup or redundant air compressor capacity

## Compressed Air Low Pressure Drop Filters Eligible for New Construction? Yes No

### General Requirements:

- This measure pertains to the installation of low pressure drop filters on a large existing compressed air system with  $\geq 50$ hp compressor capacity.
- Eligible low pressure drop filters must replace standard coalescing filters, and have an initial pressure drop of 1 psid or less.
- Eligible filters primarily include mist eliminators, also referred to as high flow coalescing filters (HFC), high efficiency coalescing filters (HEC), and deep-bed filters.

Make/Model	Shifts Per Day (8-hour)	Annual Operating Hours	Compressor System Size (hp)	Filter Quantity	Subtotal Rebate (\$500*filter qty)
Attach additional worksheets if needed.			<b>Total Requested Rebate</b>		

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## Compressed Air Heat Recovery Eligible for New Construction? Yes No

### General Requirements:

- This measure pertains to the installation of a compressed air heat recovery system on an air-cooled compressor system. Water-cooled air compressor systems are not eligible through this measure.
- Recovered waste heat must be used for air-side space heating purposes only and must help offset building heat loads otherwise met with natural gas heating systems. Subsequently, a NYSEG or RG&E gas account number must be provided with this application.
- The waste heat recovery system must be controlled by a thermostat, BMS, or manually adjusted dampers.
- Must not include the hp or quantity of backup or redundant air compressors.

Make/Model	Shifts Per Day (8-hour)	Annual Operating Hours	Compressor System Size (hp)	Heat Recovery Distribution Fan Size (hp)	System Quantity	Subtotal Rebate (\$50*compressor system hp*qty)
Attach additional worksheets if needed.						<b>Total Requested Rebate</b>

## Ozone Generator for Commercial Laundry Machines Eligible for New Construction? Yes No

### General Requirements:

- This measure pertains to the addition of an ozone (O3) generator to on-site commercial-grade laundry equipment.
- Eligible ozone generator systems are installed on natural gas water heaters or boilers that supply hot water to laundry machines rated at 200lbs or less.
- Ozone generation system must result in a reduction in hot water usage by at least 80%.
- Laundry systems equipped with tunnel washers are not eligible.
- Replacing an existing or failed ozone generator is not eligible.

Ozone Generator Make/Model	Washer Make/Model	Washer Load Capacity (lbs of laundry)	Hot Water Setpoint Temperature (°F)	Ozone Washer Quantity	Subtotal Rebate (\$25*qty*washer load capacity)
Attach additional worksheets if needed.					<b>Total Requested Rebate</b>

## Process Exhaust Filtration and Recirculation Eligible for New Construction? Yes No

### General Requirements:

- This incentive is available for the installation of an advanced filtration system where air coming from dust collectors or other particulate-heavy processes that would normally be exhausted directly outside can be filtered to be recirculated within the facility instead of bringing in cold outside makeup air.
- The incentivized area must utilize 100% outside air at all times prior to installation of the filtration system.
- The system must run a minimum of 2,000 hours during the heating season (October 1st - March 31st) to qualify.
- The system must serve a heated space that utilizes natural gas to produce heat. Subsequently, a NYSEG or RG&E gas account number must be provided with this application.
- Mist collectors/eliminators and welding fume hoods also qualify for this measure.
- The incentive is based on the reduction of exhaust volume flow rate in CFM of the dust collector or other device. The measured exhaust flow rate is not to exceed the rated volume flow rate of the equipment.

Make/Model	Area Served by the System	Process Exhaust Fan Size (hp)	Pressure Drop over Cartridge Filter (inches)	Exhaust CFM Reduction	Quantity	Subtotal Rebate (\$1.25/CFM x Qty)
Attach additional worksheets if needed.						<b>Total Requested Rebate</b>