

# COMPRESSED AIR INCENTIVES WORKSHEET

January 1 through December 31, 2022

**Directions:** Please save a copy of this form to your computer by selecting “File/Save As” before entering text and numbers. Then fill in your information electronically and select “Save.” Note that this form requires Adobe Reader® version 11.0 to function properly. Download the most recent version of Adobe Acrobat Reader DC® at <http://get.adobe.com/reader>.

**Pre-application is required; review instructions on the standard incentives application form. Wait for a reservation letter before starting your project.**

## High Efficiency Air Nozzles

### Specifications and Eligible Equipment

1. Incentives are only available for new air nozzles. Replacement or upgrades of existing high-efficiency air nozzles are not eligible for this incentive.
2. High-efficiency nozzles must replace open blow-offs.
3. Manufacturer’s specifications for the high-efficiency air nozzles must accompany the application.
4. High-efficiency nozzles must meet SCFM rating at 80 psig less than or equal to: 1/8” 11 SCFM, 1/4” 29 SCFM, 5/16” 56 SCFM, 1/2” 140 SCFM.
5. Specify the make and model of nozzles being replaced:

6. Indicate size and quantity of nozzles being replaced:

- 1/8 inch        5/16 inch        Other
- 1/4 inch        1/2 inch

7. Specify the compressor type together with the control type:

Reciprocating:  On/off     Load/unload

Screw:  Load/unload     Inlet modulation     Inlet modulation with unloading

Variable displacement     Variable frequency drive     Other

<b>Customer Name:</b>
<input type="text"/>



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## Low Pressure Drop Filter

**\$3.50 per connected HP**

Replacement of standard coalescing filters with high-performance, low-pressure drop filters.

### Specifications and Eligible Equipment

1. Manufacturer's specifications for the low-pressure drop filter must accompany the application. Do not include backup or redundant system horsepower in total compressor horsepower.
2. Low-pressure drop filters must meet the following criteria:
  - In place of standard coalescing filters on 75 to 200 HP compressed air systems
  - Pressure loss at rated flow is  $\leq 1$  psi when new and  $\leq 3$  psi at element change
3. Low-pressure drop filters on  $< 75$  HP compressed air systems are not eligible for an incentive.
4. Low-pressure drop filters on  $> 200$  HP compressed air systems may be eligible for a custom incentive.
5. Specify the make and model of filters being replaced:

Make and model:

6. Specify the compressor type together with the control type

Reciprocating:  On/off  Load/unload

Screw:  Load/unload  Inlet modulation  Inlet modulation with unloading

Variable displacement  Variable frequency drive  Other

MAKE and MODEL	TOTAL HORSEPOWER (HP) OF ACTIVE COMPRESSORS DISTRIBUTING AIR THROUGH FILTER
<b>INCENTIVE SUBTOTAL:</b>	<b>\$</b>

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## No-Loss Condensate Drains

**\$100 per drain**

Replacement of existing standard condensate drains (open valve, timer or both) with no-loss condensate drains

### Specifications and Eligible Equipment

1. Incentives are only available for new no-loss condensate drains. Replacement or upgrades of existing no-loss condensate drains are not eligible for this incentive.
2. Manufacturer's specifications for the no-loss condensate drain must accompany the application.
3. Specify the drain type being replaced:            Timer            Open valve
4. Specify the compressor type together with the control type:

Reciprocating:    On/off    Load/unload

Screw:    Load/unload    Inlet modulation    Inlet modulation with unloading

Variable displacement    Variable frequency drive    Other

MAKE and MODEL	IS A VFD COMPRESSOR INSTALLED IN THE COMPRESSED AIR SYSTEM? (Y/N)	NUMBER OF INSTALLED DRAINS
<b>INCENTIVE SUBTOTAL:</b>		<b>\$</b>

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## Compressed Air Dryers

### Specifications and Eligible Equipment

1. This measure is for the replacement of existing non-cycling refrigerated compressed air dryers, non-heated desiccant dryers, or membrane type dryers with higher-efficiency dryers.
2. High-efficiency refrigerated dryers must replace non-cycling refrigerated dryers, heat of compression desiccant dryers must replace non-heated desiccant dryers, and heated/blower purge desiccant dryers must replace existing membrane type dryers.
3. The replacement of an existing refrigerated cycling dryer is not eligible for an incentive.
4. Dryer specification sheet and/or CAGI datasheet must be submitted with the incentive application.

### Refrigerated Thermal Mass Dryer

\$1 per rated CFM

MAKE and MODEL	IS A VFD COMPRESSOR INSTALLED IN THE COMPRESSED AIR SYSTEM? (Y/N)	RATED CFM OF DRYER	INCENTIVE SUBTOTAL

### Refrigerated Variable Speed Dryer

\$3 per rated CFM

MAKE and MODEL	IS A VFD COMPRESSOR INSTALLED IN THE COMPRESSED AIR SYSTEM? (Y/N)	RATED CFM OF DRYER	INCENTIVE SUBTOTAL

### Refrigerated Digital Scroll Dryer

\$2 per rated CFM

MAKE and MODEL	IS A VFD COMPRESSOR INSTALLED IN THE COMPRESSED AIR SYSTEM? (Y/N)	RATED CFM OF DRYER	INCENTIVE SUBTOTAL

### Heat of Compression Desiccant Compressed Air Dryer

\$4 per CFM

MAKE and MODEL	IS A VFD COMPRESSOR INSTALLED IN THE COMPRESSED AIR SYSTEM? (Y/N)	RATED CFM OF DRYER	INCENTIVE SUBTOTAL

### Heated/Blower Purge Desiccant Compressed Air Dryer

\$4 per CFM

MAKE and MODEL	IS A VFD COMPRESSOR INSTALLED IN THE COMPRESSED AIR SYSTEM? (Y/N)	RATED CFM OF DRYER	INCENTIVE SUBTOTAL

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## Variable Displacement Screw Air Compressor

**\$30 per HP**

Replacement of a screw modulating or load/unload compressor with a variable displacement screw compressor.

### Specifications and Eligible Equipment

1. The rated horsepower of the compressor must be  $\geq 50$  HP.

<b>Number of HP:</b>

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## Compressed Air Pressure Flow Controller

**\$10 per HP**

Installation of a compressed air pressure flow controller to increase the control of an air storage strategy.

### Specifications and Eligible Equipment

1. Pressure flow controller must be installed downstream of the primary air storage receiver tank before the process loop.
2. Pressure flow controller must be installed on the main pressure header, not to replace drop line regulators or filter regulator lubricators.
3. The compressor must be  $\geq 50$  HP.
4. The actual discharge pressure must be reduced by  $\geq 5$  psig.

<b>Number of HP:</b>

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## Added compressor storage on load/no load systems

**\$1.50 per gallon**

### Specifications and Eligible Equipment

1. New and retrofit receivers are eligible for incentives.
2. Available for load/unload compressed air systems only.
3. Only eligible to apply for compressed air receivers that increase system storage over 2 gallons / system CFM up to 5 gallons / system CFM.

<b>Number of gallons:</b>

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<b>INCENTIVE SUBTOTAL:</b>

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## VSD Retrofit on Existing Air Compressor $\leq$ 200 HP

**\$60 per HP**

Installation of a VSD on an air compressor 200 HP or less.

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## Air Compressor(s) with Integrated VSD $\leq$ 200 HP

**\$95 per HP**

New or replacement of an air compressor without an integrated VSD with a VSD-integrated air compressor.

### Specifications and Eligible Equipment

1. Installation of the VSD must accompany the permanent removal or disabling of existing flow control devices.
2. The VSD must be installed with automatic control technology.
3. The following VSD applications are not eligible:
  - Replacement of existing VSD
  - VSD installed on equipment which operates less than 1,200 hours per year
  - VSD installed on redundant/backup motors/compressors
  - VSD installed in place of multi-speed flow control equipment
  - VSD installed for the purpose of “soft-starting” motors
4. The following VSD applications are not eligible for this incentive but may be eligible for a custom incentive:
  - VSD installed where inlet guide vanes are already present
  - VSD installed on a motor greater than 200 HP
  - Oil-free air compressors
  - Multiple air compressors with VSDs on the same compressed air loop/system are subject to additional review and may not be eligible

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COMPRESSOR ID TAG	CONTROLS BEFORE VSD FROM TABLE I	ESTIMATED ANNUAL OPERATING HOURS	MOTOR NOMINAL HORSEPOWER (MUST BE ≤200)	MOTOR QUANTITY	INCENTIVE
<b>INCENTIVE SUBTOTAL</b>				<b>\$</b>	

**Table I: Control Before VSD**

Code	Description
IGV	Inlet Guide Vanes
OCV	Outlet Control / Throttle Valve
ONF	On/Off
MISC	Other (specify) _____

<b>GRAND TOTAL INCENTIVE REQUESTED</b>
<b>\$</b>

Incentive cannot exceed 100 percent of the incremental measure cost and 100 percent of the total project cost and must meet all program terms and conditions.