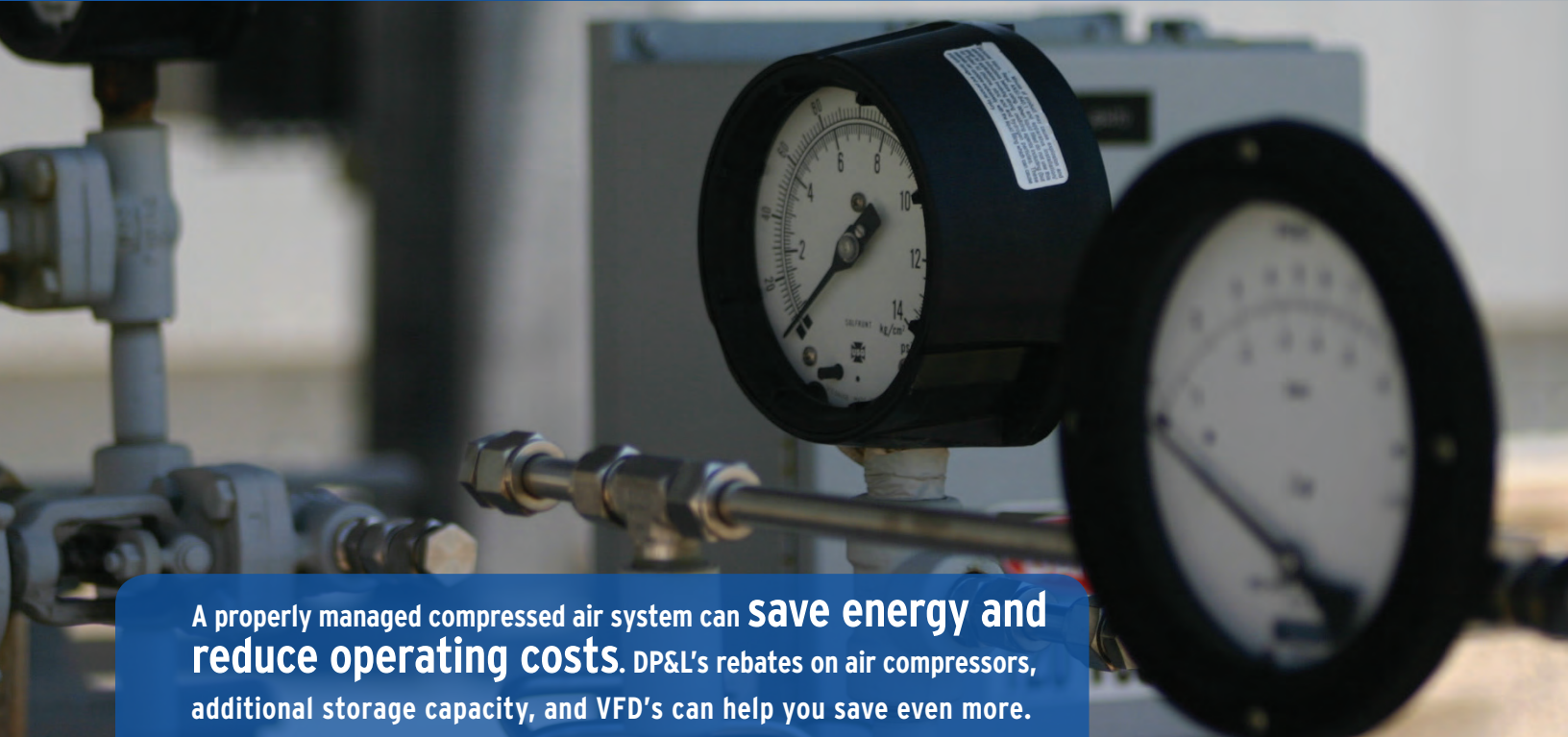




# BE A SAVINGS CHAMPION WITH COMPRESSED AIR SYSTEM REBATES



A properly managed compressed air system can **save energy and reduce operating costs**. DP&L's rebates on air compressors, additional storage capacity, and VFD's can help you save even more.

## DID YOU KNOW?



- DP&L's rebates will help shorten the payback time of your investment in a new compressed air system, or upgrades to your current system.
- In many industrial facilities, air compressors use more electricity than any other type of equipment.
- Electricity can account for up to 75% of the total cost to produce compressed air.
- Energy savings for compressed air system upgrades can range from 20% to 50%. For many facilities this is equivalent to thousands of dollars of potential annual savings.

## JUST ASK...



### AMERICAN PAN

- **Facility Type:** Industrial
- **Installed Equipment:** Variable speed 100 HP air compressor
- **DP&L Rebate:** **\$12,500**
- **Expected Annual Dollar Savings:** **\$11,076**
- **Payback:** Cut from 4 years to **3 years** with DP&L's rebates

## Air Compressors

- Compressed Air and Gas Institute (CAGI) performance data sheets are required for any air compressor rebates and must be provided before any applications will be approved.
- New oil flooded rotary screw and rotary vane compressors are eligible for rebates.
- Only single compressor systems are eligible. Multiple compressor systems may receive rebates through the Custom Program.
- Only compressors operating at 145 psi or below are eligible.
- Primary storage is required on all projects.
- Compressors must operate a minimum of 1,500 hours annually.
- Compressors greater than 100 HP are considered Custom and may be eligible for rebates under the Custom Program.

Measure	Rebate per HP
1-100 HP load/no load	\$45
1-100 HP variable speed	\$125

## No Loss Drains

- Compressors must operate a minimum of 1,500 hours annually.
- Only electric or pneumatically activated no loss drains qualify.
- Primary storage is required on all projects.

Measure	Rebate
No loss drains	\$100 each

## Variable Frequency Drives on Air Compressors

- VFD must operate a minimum of 1,500 hours.
- VFD rebates are based on HP being controlled.
- VFD project installation must result in energy savings.

Measure	Rebate per HP
1.0-100.0 HP	\$40

## Other

- Engineered nozzles must be between 1/8" and 1/2" in diameter.

Measure	Rebate
Engineered nozzle	\$20

### More Information

Rebate measures and values for the 2017 program are for equipment and services purchased and installed on or after January 1, 2017. For more information and an up-to-date list of eligible projects and complete terms and conditions, visit [dpandl.com/save](http://dpandl.com/save) or contact us at [EnergyEfficiency@dplinc.com](mailto:EnergyEfficiency@dplinc.com).

Eligible products and rebate values are subject to change and apply only to new equipment. All DP&L energy programs are subject to Public Utilities Commission of Ohio rules and regulations.



# BE A SAVINGS CHAMPION WITH MOTOR REBATES

Upgrade to an Enhanced Premium efficiency motor and cut your energy costs. DP&L's rebates are designed to cover the incremental cost of purchasing a premium efficiency motor **making the decision to upgrade even easier.**

## DID YOU KNOW?



- In many cases, the initial cost of purchasing a premium efficiency motor combined with the DP&L rebate is **actually less** than the initial cost of a standard efficiency motor.
- In just one year, a fully loaded motor operating continuously can consume energy worth 10 times its initial purchase cost.
- Adding a variable frequency drive to a motor can save energy, allowing you to control motor speed to correspond with varying load requirements.
- Rewinding a motor can decrease its efficiency.
- Energy-conscious companies have started to replace their moderate-duty induction motors with Enhanced Premium efficiency models rather than rewinding or repairing failed motors.

## JUST ASK...



### HOW YOU CAN SAVE WITH DP&L'S REBATES

- **Installed Equipment:** Replaced two 89% efficient 15 HP motors with two Enhanced Premium 93% efficient 15 HP motors.
- **DP&L Rebate: \$450**
- **Expected Annual Dollar Savings: \$852**
- **Payback:** Cut by 6 months, down to **2 years** with DP&L's rebates





## Premium Motors

- All motors must be three-phase, ODP or TEFC, with nominal speeds of 1,200, 1,800 or 3,600 RPM.
- All motors **MUST MEET OR EXCEED** the minimum efficiency standards listed below.
- Efficiencies are to be full-load nominal efficiencies tested in accordance with IEEE Standards 112, Method B.
- Motors must be squirrel cage design and conform to NEMA premium design A, B or C torque.
- Motors must operate a minimum of 1,500 hours annually.

Measure	Rebate per HP
1.0 - 5.0 HP	\$25
7.5 - 20.0 HP	\$15
25.0 - 250.0 HP	\$10

Minimum Efficiency Standards						
HP	OPEN DRIP PROOF (ODP)			TOTALLY ENCLOSED FAN-COOLED (TEFC)		
	1200 RPM	1800 RPM	3600 RPM	1200 RPM	1800 RPM	3600 RPM
1.0	82.6	85.6	77.1	82.6	85.6	77.1
1.5	86.6	86.6	84.1	87.6	86.6	84.1
2.0	87.6	86.6	85.6	88.6	86.6	85.6
3.0	88.6	89.6	85.6	89.6	89.6	86.6
5.0	89.6	89.6	86.6	89.6	89.6	88.6
7.5	90.3	91.1	88.6	91.1	91.8	89.6
10.0	91.8	91.8	89.6	91.1	91.8	90.3
15.0	91.8	93.1	90.3	91.8	92.5	91.1
20.0	92.5	93.1	91.1	91.8	93.1	91.1
25.0	93.1	93.7	91.8	93.1	93.7	91.8
30.0	93.7	94.2	91.8	93.1	93.7	91.8
40.0	94.2	94.2	92.5	94.2	94.2	92.5
50.0	94.2	94.6	93.1	94.2	94.6	93.1
60.0	94.6	95.1	93.7	94.6	95.1	93.7
75.0	94.6	95.1	93.7	94.6	95.5	93.7
100.0	95.1	95.5	93.7	95.1	95.5	94.2
125.0	95.1	95.5	94.2	95.1	95.5	95.1
150.0	95.5	95.9	94.2	95.9	95.9	95.1
200.0	95.5	95.9	95.1	95.9	96.3	95.5
250.0	95.5	95.9	95.1	95.9	96.3	95.9

## Variable Frequency Drives

- VFDs greater than 250 HP are considered custom and may be eligible for rebates under the Custom Program.
- VFDs must operate a minimum of 1,500 hours annually.
- VFD rebates are based on the HP of the motor being controlled.
- VFD project installation must result in energy savings.

Measure	Rebate per HP
Up to 250.0 HP	\$40

## Other Measures

- Commercial clothes washers must appear on the Energy Star® "Qualified Commercial Clothes Washers" list to be eligible for rebate. The list is available at [www.energystar.gov](http://www.energystar.gov).
- Barrel wrap rebates are intended for injection molding applications. All other barrel wrap applications will be processed under the Custom Program.

Measure	Rebate
Commercial clothes washer	\$50 per unit

Measure	Rebate
Barrel wraps	\$1 per ton

Eligible products and rebate values are subject to change and apply only to new equipment. All DP&L energy programs are subject to Public Utilities Commission of Ohio rules and regulations.