

# FACT SHEET: DEMAND-CONTROLLED VENTILATION



## What you need to know



### **Demand-controlled ventilation operations**

Most kitchen hoods run at a constant rate during dining hours, regardless of the appliances used. Demand-controlled ventilation (DCV) systems use temperature or optic sensors to vary the rate of exhaustion, based on the cooking activity. Reduced fan operation and heating and cooling of make-up air help save energy.



### **Upgrading makes a difference**

DCV for kitchen exhaust removes smoke and odor from commercial kitchens without running the exhaust at the same speed from open to close. That means less wasted energy and longer life for the equipment.



### **Take control**

Sensors control the fan and make-up air unit, so you can have more control of your energy costs. Most businesses see a return on investment in one to five years. Paybacks vary based on the hood size and number of exhaust fans.

## What you can do

### **Take advantage of rebates**

Peoples Gas and North Shore Gas offer rebates based on the size of the exhaust fan, measured in horsepower (hp). View the Prescriptive Rebate Application available on [PeoplesGasDelivery.com/Savings](https://PeoplesGasDelivery.com/Savings) and [NorthShoreGasDelivery.com/Savings](https://NorthShoreGasDelivery.com/Savings) for more information.

These rebates are ideal for facilities with commercial kitchens, including hotels, hospitals, university cafeterias, large full-service restaurants and super markets. Contact the program team to get started.

## Breaking down the benefits

Check out the top four reasons your business should invest in kitchen demand-controlled ventilation.

- 1. Energy use of kitchen exhaust and make-up air units is reduced by at least 60 percent**
- 2. Continuous control over fan speed**
- 3. Payback can be achieved within one to five years — it varies based on the hood size and number of exhaust fans**
- 4. The life of your equipment is extended**

**For more information or to take advantage of available rebates, please call us at 855-849-8928.**

Actual savings will vary by customer's energy usage and rate. These programs are funded by Peoples Gas and North Shore Gas customers in compliance with Illinois law.  
© 2022 Peoples Gas and North Shore Gas