

SAVE ON ENERGY IN YOUR CONDO BUILDING



Demand Control Ventilation for Underground Garages

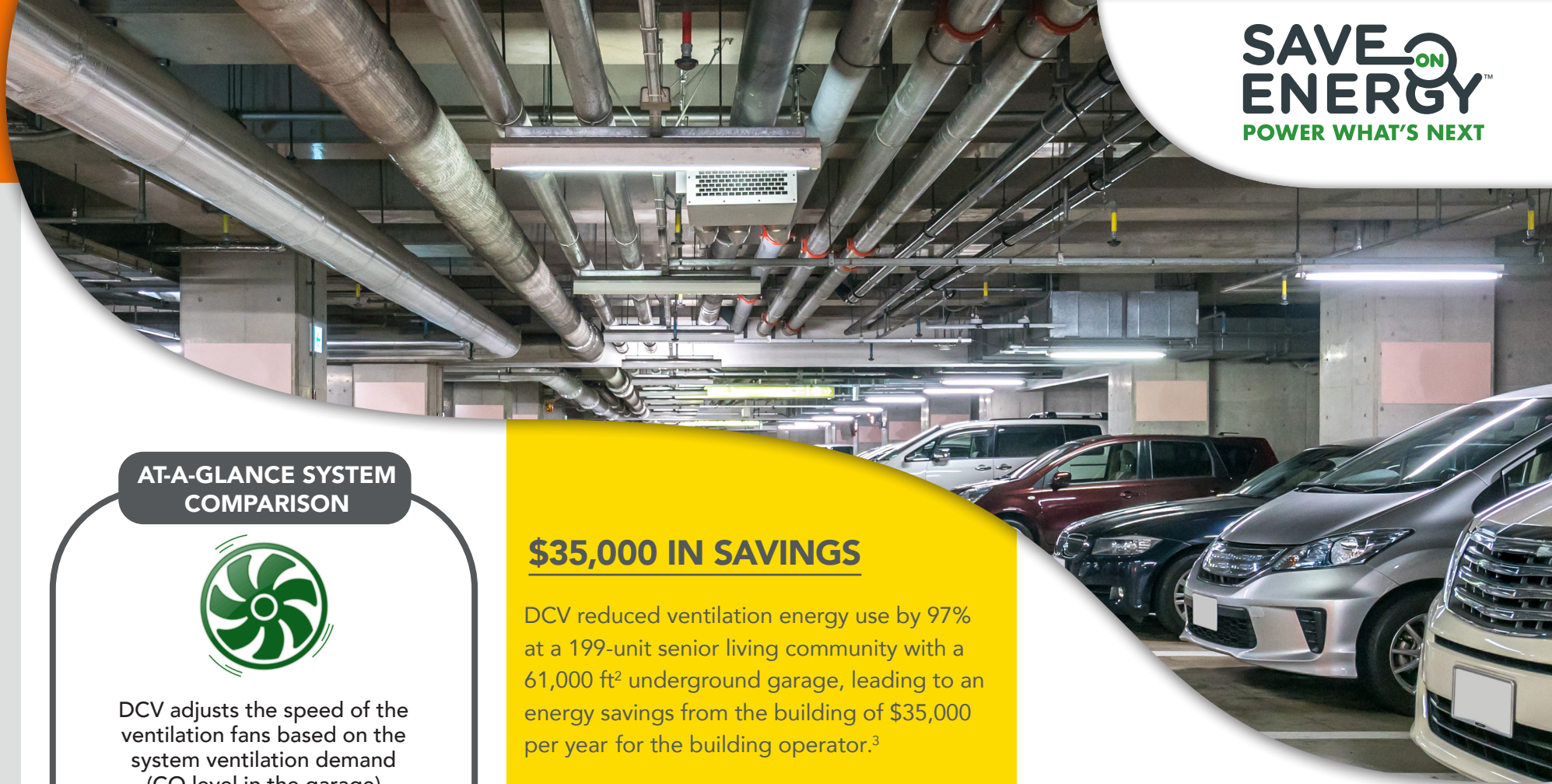
You probably don't spend a lot of time thinking about your parking garage, but chances are your garage ventilation system is hard at work, even when the space is empty.

Most garage ventilation systems operate continuously at full power to ensure the air is fresh, regardless of whether the garage is in use. This wastes energy by using fans and heating and cooling systems to ensure fresh air and to control temperature when the garage is unoccupied.¹

Demand control ventilation (DCV) systems offer big savings for condo buildings with underground garages by using sensors to monitor the air quality and to continuously adjust ventilation fans to meet actual fresh air supply needs in real time.²

Benefits of DCV

- ✓ Reduce maintenance costs and extend fan life
- ✓ Reduce energy costs from ventilation, heating and cooling
- ✓ Achieve a quieter, more comfortable garage that is warmer in winter and cooler in summer

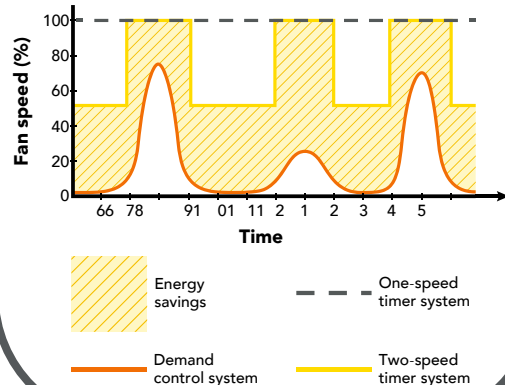


AT-A-GLANCE SYSTEM COMPARISON



DCV adjusts the speed of the ventilation fans based on the system ventilation demand (CO level in the garage) reducing energy waste.

Maintaining good air quality in a typical parking garage



\$35,000 IN SAVINGS

DCV reduced ventilation energy use by 97% at a 199-unit senior living community with a 61,000 ft² underground garage, leading to an energy savings from the building of \$35,000 per year for the building operator.³

Sources

1. Garage Ventilation: <https://www.parking-mobility.org/2016/01/20/tpp-2014-04-garage-ventilation/>
2. Understanding Ventilation Efficiency and DCV in Parking Structures and Garages: <http://blog.dwyer-inst.com/2020/03/04/understanding-ventilation-efficiency-and-dcv-in-parking-structures-and-garages/>
3. Senior Lifestyle Facility: <https://markets.businessinsider.com/news/stocks/nes-garage-ventilation-control-system-cuts-baseline-energy-consumption-by-97-at-senior-lifestyles-facility-1029455193#>

INCENTIVES

The Save on Energy Retrofit program offers an incentive of up to \$13,300 per DCV system.

Visit the [Save on Energy Retrofit program page](#) to learn more. You can also get in touch with a Save on Energy representative in your area by calling the Retrofit Support Line at 1-844-303-5542, or emailing retrofit@ieso.ca.

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