

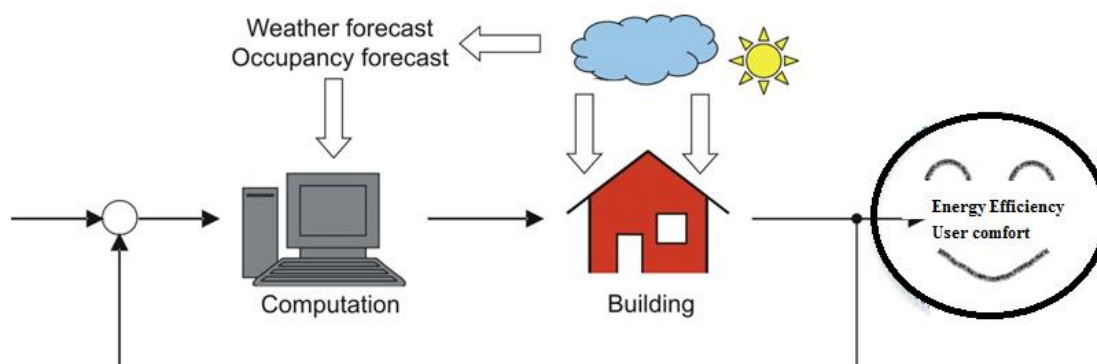
Demand-Controlled Ventilation (DCV) Systems¹:

What is the purpose of a (DCV) system?

This system sustains a specific amount of indoor air quality. Fresh air is necessary to keep every individual happy and healthy; this can become a problem when the temperature is dry and hot. In order to prevent this feeling, the demand-controlled ventilation system adjusts the air quality based on the amount of people and demands in the room.

How does a DCV system work?

The system uses sensors to determine the amount of people in a space. This way the amount of air is not always constant; the heating or cooling can be adjusted depending on what is actually needed for the room. If there is nobody in the room then the device will not be needed. The ventilation system also maintains a specific CO₂ level to provide constant fresh air.



Why use this ventilation system?

- ✓ Provides cleaner and fresher air to improve health
- ✓ Cost efficient
- ✓ Saves Energy

¹ <http://www.oregon.gov/ENERGY/CONS/BUS/DCV/docs/DCVGuide.pdf>