Why is this a priority in Denver?

- Demand controlled ventilation reduces the amount of ventilation air delivered to a space during low-occupancy or unoccupied times, reducing energy use and cost.
- Matching ventilation rates to occupancy also ensures adequate ventilation during high-occupancy times, which can improve occupant health and productivity.
**CE11: Ventilation Controls**

**Project Requirements**

- **Provide demand control ventilation** in spaces with one or more of the following:
  - Air-side economizer
  - Automatic modulated control of the outdoor air dampers
  - Design outdoor airflow greater than 1,000 cfm
- DCV system and CO₂ sensors shall meet requirements of provision
- Exceptions of DEC Section C403.7.1 / ASHRAE 90.1 Section 6.4.3.8 apply

*This provision is available for: Buildings with spaces where DCV not required by DEC*
### CE11: Ventilation Controls

## Submittal Requirements

<table>
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<tr>
<th>Phase</th>
<th>What’s required?</th>
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| Permit | • Submit completed DGC LMU and DEC Checklists  
• Provide design documents including locations of all sensors, equipment/sensor sequence of operations, occupancy assumptions, and CO2 monitoring equipment |

**Helpful Hint:** Commissioning can ensure demand control ventilation systems work as designed. Consider including DCV in commissioning scope if not required by DEC Section C408.
Where can I learn more?

Visit [Denvergov.org/GreenCode](http://Denvergov.org/GreenCode) to:

- Link to the **2022 Denver Green Code**
- Download the DGC Checklists
- Watch other videos in this series
- Register for DGC Virtual Office Hours
- Find additional resources for your project

**Denver Energy Code** links: [Code & Policies](#) | [Checklists](#) | [Resources & Trainings](#)

For **Green Buildings Ordinance**, visit [Denvergov.org/GreenRoofs](http://Denvergov.org/GreenRoofs)