2022 Denver Green Code
Explanatory Video Series

CE18: Automatic Controls in Hotel/Motel Rooms

Community Planning & Development
Office of Climate Action, Sustainability and Resiliency
Why is this a priority in Denver?

- Automation of HVAC systems and lighting in guest rooms reduces energy use and operating costs by limiting wasted energy in unoccupied rooms.
- Increase guest satisfaction and maintain occupant comfort through consistent temperature control.
Project Requirements

- Within 20 minutes of all occupants leaving the guest room:
  - Power for lighting and switched outlets shall be automatically turned off (night lighting of up to 5 W per bathroom is exempt)
  - Televisions shall be automatically turned off or placed in sleep or standby mode
  - Raise/lower thermostat 5°F from occupant setpoint (if unrented, DEC section C403.7.6.1.2 applies)
  - Ventilation controls shall meet requirements of DEC Section C403.7.6.2
- Captive keycard systems cannot be used to indicate occupancy
### CE18: Automatic Control in Hotel/Motel Rooms

**Submittal Requirements**

<table>
<thead>
<tr>
<th>Phase</th>
<th>What’s required?</th>
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| Permit | • Submit completed DGC LMU and DEC Checklists  
• On submitted design documents, outline the following:  
  • Occupancy controls and/or networked guest-room control system  
  • Sequence of operation for lighting/switched outlets, TVs, and HVAC set-points, and ventilation system |
Where can I learn more?

Visit 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