

- [EQ117 | Interior lighting](#)
- [EQ117 | Interior lighting](#)
- [EQ118 | Interior lighting](#)
- [EQ119 | Interior lighting](#)
- [EQ120 | Interior lighting](#)
- [EQ120 | Interior lighting](#)
- [EQ121 | Daylight](#)
- [EQ121 | Daylight](#)
- [EQ121 | Daylight](#)
- [EQ121 | Daylight](#)
- [EQ122 | Daylight and quality views](#)
- [EQ122 | Daylight and quality views](#)
- [EQ123 | Quality views](#)
- [EQ123 | Quality Views](#)
- [EQ123 | Quality Views](#)
- [EQ123 | Quality views](#)
- [EQ123 | Quality views](#)
- [EQ124 | Acoustic performance](#)
- [EQ124 | Acoustic performance](#)
- [EQ125 | Green cleaning - custodial effectiveness assessment](#)
- [EQ126 | Green cleaning - products and materials](#)
- [EQ127 | Green cleaning - equipment](#)
- [EQ128 | Integrated pest management](#)
- [EQ129 | Occupant comfort survey](#)
- [EQ131 | Acoustic Performance](#)
- [EQ2.1 | Construction indoor air quality management plan](#)
- [EQ2.2 | Construction indoor air quality assessment](#)
- [EQ3.1 | High performance green cleaning program](#)
- [EQ3.2 | Custodial effectiveness assessment](#)
- [EQ3.3 | Sustainable purchasing of cleaning products and materials](#)
- [EQ3.4 | Sustainable purchasing of cleaning equipment](#)
- [EQ3.5 | Indoor chemical and pollutant source control](#)
- [EQ3.6 | Indoor integrated pest management](#)
- [EQ4 | Low-emitting interiors](#)
- [EQ5.1 | Occupant comfort survey](#)
- [EQ5.2 | Documenting productivity impacts](#)
- [EQ6.1 | Thermal comfort - design](#)
- [EQ6.2 | Thermal comfort - controllability](#)
- [EQ6.3 | Thermal comfort - verification](#)
- [EQ6.4 | Mold prevention](#)
- [EQ7.1 | Interior lighting - design](#)
- [EQ7.2 | Interior lighting - controllability](#)
- [EQ8 | Daylight](#)
- [EQ9 | Quality views](#)
- [EQ907 | Acoustic performance](#)
- [EQc1 | Outdoor air delivery monitoring](#)
- [EQc1 | EPA Indoor airPLUS](#)
- [EQc1 | Outdoor air delivery monitoring](#)
- [EQc1 | Outdoor air delivery monitoring](#)
- [EQc1 | Outdoor air delivery monitoring](#)
- [EQc1 | Outdoor air delivery monitoring](#)
- [EQc1 | Outdoor air delivery monitoring](#)
- [EQc1 | Carbon dioxide \(CO2\) monitoring](#)
- [EQc1 | Carbon dioxide \(CO2\) monitoring](#)
- [EQc1 | Outdoor air delivery monitoring](#)
- [EQc1 | Enhanced ventilation](#)
- [EQc1 | Outdoor air delivery monitoring](#)
- [EQc1 | Outdoor air delivery monitoring](#)
- [EQc1 | Outdoor air delivery monitoring](#)
- [EQc1.1 | Indoor air quality best management practices - indoor air quality management program](#)
- [EQc1.1 | IAQ best management practices - IAQ management program](#)
- [EQc1.2 | Indoor air quality best management practices - outdoor air delivery monitoring](#)
- [EQc1.2 | IAQ best management practices - outdoor air delivery monitoring](#)
- [EQc1.3 | Indoor air quality best management practices - increased ventilation](#)
- [EQc1.3 | IAQ best management practices - increased ventilation](#)
- [EQc1.4 | Indoor air quality best management practices - reduce particulates in air distribution](#)
- [EQc1.4 | IAQ best management practices - reduce particulates in air distribution](#)
- [EQc1.5 | Indoor air quality best management practices - indoor air quality management for facility additions and alterations](#)
- [EQc1.5 | IAQ best management practices - management for facility alterations and additions](#)
- [EQc10 | Garage pollutant protection](#)
- [EQc10 | Mold prevention](#)
- [EQc10 | Mold prevention](#)
- [EQc10.1 | Green cleaning - entryway systems](#)
- [EQc10.2 | Green cleaning - isolation of janitorial closets](#)
- [EQc10.3 | Green cleaning - low environmental impact cleaning policy](#)
- [EQc10.4 | Green cleaning - low environmental impact pest management policy](#)
- [EQc10.5 | Green cleaning - low environmental impact pest management policy](#)
- [EQc10.6 | Green cleaning - low environmental impact cleaning equipment policy](#)
- [EQc2 | Increased ventilation](#)
- [EQc2 | Combustion venting](#)
- [EQc2 | Acoustic environment](#)
- [EQc2 | Increased ventilation](#)
- [EQc2 | Increased ventilation](#)
- [EQc2 | Increased ventilation](#)
- [EQc2 | Increased ventilation](#)
- [EQc2 | Increased ventilation](#)
- [EQc2 | Increased ventilation](#)
- [EQc2 | Ventilation effectiveness](#)
- [EQc2 | Increase ventilation effectiveness](#)
- [EQc2 | Contaminant control](#)
- [EQc2 | Contaminant control](#)
- [EQc2 | Increased ventilation](#)
- [EQc2 | Increased ventilation](#)
- [EQc2 | Increased ventilation](#)

- [EQc2.1 | Occupant comfort - occupant survey](#)
- [EQc2.1 | Occupant comfort - occupant survey](#)
- [EQc2.2 | Controllability of systems - lighting](#)
- [EQc2.2 | Occupant comfort - occupant-controlled lighting](#)
- [EQc2.3 | Occupant comfort - thermal comfort monitoring](#)
- [EQc2.3 | Occupant comfort - thermal comfort monitoring](#)
- [EQc2.4 | Daylight and views](#)
- [EQc2.4 | Occupant comfort - daylight and views](#)
- [EQc2.5 | Occupant comfort - daylight and views](#)
- [EQc3 | Moisture control](#)
- [EQc3 | Construction IAQ management plan - during construction](#)
- [EQc3 | Construction IAQ management plan](#)
- [EQc3 | Construction IAQ management plan - during construction](#)
- [EQc3 | Balancing of heating and cooling distribution systems](#)
- [EQc3 | Construction IAQ management plan - during construction](#)
- [EQc3.1 | Green cleaning - high performance green cleaning program](#)
- [EQc3.1 | Construction IAQ management plan - during construction](#)
- [EQc3.1 | Construction IAQ management plan - during construction](#)
- [EQc3.1 | Construction IAQ management plan - during construction](#)
- [EQc3.1 | Construction IAQ management plan - during construction](#)
- [EQc3.1 | Construction IAQ management plan - during construction](#)
- [EQc3.1 | Green cleaning - high-performance cleaning program](#)
- [EQc3.1 | Construction IAQ management plan - during construction](#)
- [EQc3.1 | Construction IAQ management plan: during construction](#)
- [EQc3.1 | Construction IAQ management plan - during construction](#)
- [EQc3.1 | Construction IAQ management plan, during construction](#)
- [EQc3.1 | Construction IAQ management plan - during construction](#)
- [EQc3.2 | Green cleaning - custodial effectiveness assessment](#)
- [EQc3.2 | Construction IAQ management plan - before occupancy](#)
- [EQc3.2 | Construction IAQ management plan - before occupancy](#)
- [EQc3.2 | Construction IAQ management plan - before occupancy](#)
- [EQc3.2 | Construction IAQ management plan - before occupancy](#)
- [EQc3.2 | Construction IAQ management plan - before occupancy](#)
- [EQc3.2 | Construction IAQ management plan - before occupancy](#)
- [EQc3.2 | Construction IAQ management plan - before occupancy](#)
- [EQc3.2 | Green cleaning - custodial effectiveness assessment](#)
- [EQc3.2 | Construction IAQ management plan - before occupancy](#)
- [EQc3.2 | Construction IAQ management plan: before occupancy](#)
- [EQc3.2 | Construction IAQ management plan - after construction](#)
- [EQc3.2 | Construction IAQ management plan - after construction](#)
- [EQc3.2 | Construction IAQ management plan: before occupancy](#)
- [EQc3.2 | Construction IAQ management plan - before occupancy](#)
- [EQc3.3 | Green cleaning - purchase of sustainable cleaning products and materials](#)
- [EQc3.3 | Green cleaning - custodial effectiveness assessment](#)
- [EQc3.4 | Green cleaning - sustainable cleaning equipment](#)
- [EQc3.4 | Green cleaning - purchase of sustainable cleaning products and materials](#)
- [EQc3.5 | Green cleaning - indoor chemical and pollutant source control](#)
- [EQc3.5 | Green cleaning - purchase of sustainable cleaning products and materials](#)
- [EQc3.6 | Green cleaning - indoor integrated pest management](#)
- [EQc3.6 | Green cleaning - purchase of sustainable cleaning products and materials](#)
- [EQc3.7 | Green cleaning - sustainable cleaning equipment](#)
- [EQc3.8 | Green cleaning - entryway systems](#)
- [EQc3.9 | Green cleaning - indoor integrated pest management](#)
- [EQc4 | Outdoor air ventilation](#)
- [EQc4 | Low-emitting materials](#)
- [EQc4 | Low-emitting materials](#)
- [EQc4 | Low-emitting materials](#)
- [EQc4 | Low-emitting materials](#)
- [EQc4 | Enhanced compartmentalization](#)
- [EQc4 | Enhanced compartmentalization](#)
- [EQc4 | Low-emitting materials](#)
- [EQc4 | Low-emitting materials, adhesives and sealants](#)
- [EQc4.1 | Low-emitting materials - adhesives and sealants](#)
- [EQc4.1 | Low-emitting materials - adhesives and sealants](#)
- [EQc4.1 | Low-emitting materials - adhesives and sealants](#)
- [EQc4.1 | Documenting productivity impacts - absenteeism and health care cost impacts](#)
- [EQc4.1 | Low-emitting materials - adhesives and sealants](#)
- [EQc4.1 | Low-emitting materials - adhesives and sealants](#)
- [EQc4.1 | Low-emitting materials - adhesives and sealants](#)
- [EQc4.1 | Low-emitting materials - adhesives and sealants](#)
- [EQc4.2 | Low-emitting materials - paints and coatings](#)
- [EQc4.2 | Low-emitting materials - paints and coatings](#)
- [EQc4.2 | Low-emitting materials - paints and coatings](#)
- [EQc4.2 | Documenting productivity impacts - other productivity impacts](#)
- [EQc4.2 | Low-emitting materials - paints and coatings](#)
- [EQc4.2 | Low-emitting materials - paints and coatings](#)
- [EQc4.2 | Low-emitting materials - paints and coatings](#)
- [EQc4.2 | Low-emitting materials - paints and coatings](#)
- [EQc4.3 | Low-emitting materials - flooring systems](#)
- [EQc4.3 | Low-emitting materials - carpet systems](#)
- [EQc4.3 | Low-emitting materials - carpet systems](#)
- [EQc4.3 | Low-emitting materials - carpet systems](#)
- [EQc4.3 | Low-emitting materials - carpet](#)
- [EQc4.3 | Low-emitting materials - carpet systems](#)
- [EQc4.3 | Low-emitting materials - flooring systems](#)
- [EQc4.4 | Low-emitting materials - composite wood and agrifiber products](#)
- [EQc4.4 | Low-emitting materials - composite wood and agrifiber products](#)
- [EQc4.4 | Low-emitting materials - composite wood and agrifiber products](#)
- [EQc4.4 | Low-emitting materials - composite wood and agrifiber products](#)
- [EQc4.4 | Low-emitting materials - composite wood and laminate adhesives](#)
- [EQc4.4 | Low-emitting materials - composite wood and agrifiber products](#)

- EQc4.4 | [Low-emitting materials - composite wood](#)
- EQc4.4 | [Low-emitting materials - composite wood](#)
- EQc4.4 | [Low-emitting materials - composite wood and agrifiber products](#)
- EQc4.5 | [Low-emitting materials - systems furniture and seating](#)
- EQc4.5 | [Low-emitting materials - furniture](#)
- EQc4.5 | [Low-emitting materials - systems furniture and seating](#)
- EQc4.6 | [Low-emitting materials - ceiling and wall systems](#)
- EQc5 | [Local exhaust](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Enhanced combustion venting](#)
- EQc5 | [Enhanced combustion venting](#)
- EQc5 | [Indoor chemical & pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5 | [Indoor chemical and pollutant source control](#)
- EQc5.1 | [Indoor chemical and pollutant source control - non-cleaning system reduce particulates in air distribution](#)
- EQc5.2 | [Indoor chemical and pollutant source control - non-cleaning - isolation of high-volume copying/print rooms/fax stations](#)
- EQc6 | [Controllability of systems - lighting and thermal comfort](#)
- EQc6 | [Controllability of systems - thermal comfort](#)
- EQc6 | [Distribution of space heating and cooling](#)
- EQc6 | [Controllability of systems - thermal comfort](#)
- EQc6 | [Enhanced garage pollutant protection](#)
- EQc6 | [Enhanced garage pollutant protection](#)
- EQc6 | [Controllability of systems, lighting and thermal comfort](#)
- EQc6 | [Controllability of systems - thermal comfort](#)
- EQc6.1 | [Controllability of systems - lighting](#)
- EQc6.1 | [Controllability of systems - lighting](#)
- EQc6.1 | [Controllability of systems - lighting](#)
- EQc6.1 | [Controllability of systems - lighting](#)
- EQc6.1 | [Controllability of systems - lighting](#)
- EQc6.1 | [Controllability of systems - lighting](#)
- EQc6.1 | [Controllability of systems - lighting](#)
- EQc6.1 | [Lighting system design & controllability](#)
- EQc6.1 | [Controllability of systems - perimeter spaces](#)
- EQc6.1 | [Controllability of systems - perimeter spaces](#)
- EQc6.1 | [Controllability of systems: lighting and thermal comfort](#)
- EQc6.1 | [Controllability of systems - lighting](#)
- EQc6.2 | [Controllability of systems - thermal comfort](#)
- EQc6.2 | [Controllability of systems - thermal comfort](#)
- EQc6.2 | [Controllability of systems - thermal comfort](#)
- EQc6.2 | [Controllability of systems - thermal comfort](#)
- EQc6.2 | [Controllability of systems - thermal comfort](#)
- EQc6.2 | [Controllability of systems - thermal comfort](#)
- EQc6.2 | [Controllability of systems - temperature and ventilation](#)
- EQc6.2 | [Controllability of systems - temperature and ventilation](#)
- EQc6.2 | [Thermal comfort controllability](#)
- EQc6.2 | [Controllability of systems - non-perimeter spaces](#)
- EQc6.2 | [Controllability of systems - non-perimeter spaces](#)
- EQc6.2 | [Controllability of systems - thermal comfort](#)
- EQc7 | [Air filtering](#)
- EQc7 | [Thermal comfort - design and verification](#)
- EQc7 | [Thermal comfort - design](#)
- EQc7 | [Thermal comfort - design](#)
- EQc7 | [Low-emitting products](#)
- EQc7 | [Low-emitting products](#)
- EQc7 | [Thermal comfort - design](#)
- EQc7.1 | [Thermal comfort - design](#)
- EQc7.1 | [Thermal comfort - design](#)
- EQc7.1 | [Thermal comfort - design](#)
- EQc7.1 | [Thermal comfort - compliance](#)
- EQc7.1 | [Thermal comfort - compliance](#)
- EQc7.1 | [Thermal comfort: design](#)
- EQc7.1 | [Thermal comfort - compliance with ASHRAE 55-1992](#)
- EQc7.1 | [Thermal comfort - compliance with ASHRAE 55-1992](#)
- EQc7.1 | [Thermal comfort: design](#)
- EQc7.1 | [Thermal comfort, compliance](#)
- EQc7.1 | [Thermal comfort - design](#)
- EQc7.2 | [Thermal comfort - verification](#)
- EQc7.2 | [Thermal comfort - verification](#)
- EQc7.2 | [Thermal comfort - verification](#)
- EQc7.2 | [Thermal comfort - employee verification](#)
- EQc7.2 | [Thermal comfort - employee verification](#)
- EQc7.2 | [Thermal comfort - verification](#)
- EQc7.2 | [Thermal comfort - monitoring](#)
- EQc7.2 | [Thermal comfort - permanent monitoring system](#)
- EQc7.2 | [Thermal comfort: verification](#)
- EQc7.2 | [Thermal comfort - permanent monitoring system](#)
- EQc7.2 | [Thermal comfort - permanent monitoring system](#)
- EQc7.2 | [Thermal comfort: employee verification](#)
- EQc7.2 | [Thermal comfort, employee verification](#)
- EQc7.2 | [Thermal comfort - verification](#)
- EQc8 | [Contaminant control](#)
- EQc8 | [No environmental tobacco smoke](#)
- EQc8.1 | [Daylight and views - daylight](#)

- o [EQp4 | Radon-resistant construction](#)
- o [EQp4.1 | Asbestos removal or encapsulation](#)
- o [EQp4.1 | Hazardous material removal or encapsulation](#)
- o [EQp4.2 | Polychlorinated biphenyl removal](#)
- o [EQp5 | Air filtering](#)
- o [EQp6 | Environmental tobacco smoke](#)
- o [EQp7 | Compartmentalization](#)
- o [MEQc10 | Garage pollutant protection](#)
- o [MEQc11 | Environmental tobacco smoke \(ETS\) control in mid-rise buildings](#)
- o [MEQc12 | Compartmentalization of units in mid-rise buildings](#)
- o [MEQc2 | Combustion venting in mid-rise buildings](#)
- o [MEQc4 | Outdoor air ventilation in mid-rise buildings](#)
- o [MEQc5 | Local exhaust in mid-rise buildings](#)
- o [MEQc8 | Contaminant control in mid-rise buildings](#)

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LEED BD+C: Multifamily Midrise | v4 - LEED v4

Air filtering

Required

1 result in All .

- [Glossary](#)

Intent

To protect occupants' health by reducing particulate matter from the air supply system.

Requirements

Install air filters with a minimum efficiency reporting value (MERV) of 8 or higher on all recirculating space conditioning systems, per ASHRAE 62.2–2010. Design ductwork and specify the central blower to account for the pressure drop across the filter. Air filter housings must be airtight to prevent bypass or leakage.

Nonducted systems are exempt from the minimum MERV 8 requirements but must have an internal air filter in the air-handling unit.

Install air filters rated MERV 6 or higher for mechanically supplied outdoor air for systems with 10 feet (3 meters) of ductwork or more, per ASHRAE 62.2–2010, Section 6.7.

Projects may use equivalent filtration media class of F5 or higher for MERV 8 and G4 or higher for MERV 6, as defined by CEN standard EN779—2002.

Projects that earn the EPA Indoor airPLUS label automatically meet the requirements of this prerequisite.

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