

Event Services

Air Filtration

Washington State Convention Center (WSCC) is committed to providing safe, clean air in all event spaces. WSCC has a variety of air filtration systems deployed throughout the facility designed specifically for the best possible level of air-filtration efficiency and to achieve the highest level of performance from our heating, ventilation, and air conditioning (HVAC) system.

Definitions

- Air turnover per hour (ATH): The number of times per hour the air inside the space is circulated through filtration.
- Air changes per hour (ACH): The number of times per hour the air inside the space is replaced with outside air.
- MERV: The minimum efficiency reporting value. MERV values generally range from 1 to 16. Higher MERV values correspond to a greater percentage of particles being captured on each pass through the filter medium.

Levels 2 and 3 Meeting Rooms

- Air filtration type:
 - Heat pumps: Flat MERV 8
 - Air handlers: Pleated MERV 8 to MERV 13
 - Air Intakes: Bag MERV 11
- Air turnover per hour: 12.0 – 15.3 times
- Air changes per hour: 4.42 – 5.76 times

2AB and 3AB Meeting Rooms

- Air filtration type:
 - Air handlers: Pleated MERV 8 to MERV 13
 - Air Intakes: Bag MERV 11
- Air turnover per hour: 12.0 – 15.3 times
- Air changes per hour: 4.42 – 5.76 times

Level 4 Exhibit Halls 4ABC

- Air filtration type:
 - Heat pumps: Flat MERV 8
 - Air handlers: Pleated MERV 8 to MERV 13
 - Air Intakes: Bag MERV 11
- Air turnover per hour: 5.9 – 11.7 times
- Air changes per hour: 0.76 – 1.28 times

Level 4 Exhibit Halls 4DEF

- Air filtration type:
 - Air handlers: Pleated MERV 8 to MERV 13
 - Air Intakes: Bag MERV 11
- Air turnover per hour: 5.9 – 11.7 times
- Air changes per hour: 0.76 – 1.28 times

Level 6 Ballrooms and Meeting Rooms

- Air filtration type:
 - Air handlers: Pleated MERV 8 to MERV 13
 - Air Intakes: Bag MERV 11
- Air turnover per hour: 7.0 – 14.0 times
- Air changes per hour: 0.97 – 1.37 times

Arch at 800 Pike

- Air filtration type:
 - Air handlers: Pleated MERV 8 to MERV 13
 - Air Intakes: Bag MERV 11
- Air turnover per hour: 10.0 – 20.1 times
- Air changes per hour: 1.00 – 2.01 times

For additional information on the capabilities of WSCC's HVAC systems, please contact your WSCC Event Manager.