

Event Services

Air Filtration

Seattle Convention Center (SCC) is committed to providing safe, clean air in all event spaces. SCC 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.

BUILDING	ROOMS	AIR FILTRATION TYPE	ATH	ACH
Arch at 705 Pike	Levels 2 and 3 Meeting Rooms	<ul style="list-style-type: none"> • Heat pumps: Flat MERV 8 • Air handlers: Pleated MERV 8 to MERV 13 • Air intakes: Bag MERV 11 	12.0 – 15.3	4.42 – 5.76
	2AB and 3AB Meeting Rooms	<ul style="list-style-type: none"> • Air handlers: Pleated MERV 8 to MERV 13 • Air intakes: Bag MERV 11 	12.0 – 15.3	4.42 – 5.76
	Level 4 Exhibit Halls 4ABC	<ul style="list-style-type: none"> • Heat pumps: Flat MERV 8 • Air handlers: Pleated MERV 8 to MERV 13 • Air intakes: Bag MERV 11 	5.9 – 11.7	0.76 – 1.28
	Level 4 Exhibit Halls 4DEF	<ul style="list-style-type: none"> • Air handlers: Pleated MERV 8 to MERV 13 • Air intakes: Bag MERV 11 	5.9 – 11.7	0.76 – 1.28
	Level 6 Ballrooms and Meeting Rooms	<ul style="list-style-type: none"> • Air handlers: Pleated MERV 8 to MERV 13 • Air intakes: Bag MERV 11 	7.0 – 14.0	0.97 – 1.37
Arch at 800 Pike	All rooms	<ul style="list-style-type: none"> • Air handlers: Pleated MERV 8 to MERV 13 • Air intakes: Bag MERV 11 	10.0 – 20.1	1.00 – 2.01
Summit	Exhibit Hall Level	Air handlers: MERV 13	2.7	1.0
	Level 1 Summit Lobby	Air handlers: MERV 13	2.7	2.4
	Level 2 Flex Hall	Air handlers: MERV 13	2.6 – 3.5	0.7 – 1.5
	Levels 3 & 4	Air handlers: MERV 13	3.4 – 7.0	1.5 – 4.7
	Level 5, Ballroom and Signature Room	Air handlers: MERV 13	2.1 – 4.0	0.7 – 1.6

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