

**BASE Buildings Test Space HVAC Characteristics:** Types of Return Vents

Return Vent Type	Number of Buildings Reporting <sup>1</sup>	
	Primary Return Vent Type <sup>2</sup>	Secondary Return Vent Type <sup>3</sup>
Ceiling Grilles	37	21
Ceiling Slots	8	0
Low Sidewall or Floor Grilles	3	1
Slots Around Ceiling Luminaires	45	2
High Sidewall Grilles	0	4
Other	7	1
<b>Total Number of Buildings Reporting</b>	<b>97</b>	<b>97</b>

Notes:

<sup>1</sup>Number of buildings based on all test spaces served by mechanical ventilation systems (n=97).

<sup>2</sup>Number of buildings within column may add up to greater than the total number of buildings as some buildings had more than one primary return vent type.

<sup>3</sup> Number of buildings within column may add up to less than the total number of buildings as some buildings reported no secondary type of return vent.

Variable Descriptions:

**Primary Supply Vent Type** describes the primary type of return vent installed throughout the test space.

**Secondary Supply Vent Type** describes the secondary type of return vent installed throughout the test space.

The following categories apply:

**Ceiling Grilles** are return vents located in the ceiling that consist of frames with parallel bars which may be fixed or adjustable.

**Ceiling Slots** are long strip shaped return air vents with one or more narrow openings, depending on the number of bars or vanes.

**Low Sidewall or Floor Grilles** are return vents located on the wall near the floor or on the floor that consist of frames with parallel bars which may be fixed or adjustable.

**Slots Around Ceiling Luminaries** are return vents that are cut into the light fixtures in the ceiling.

**High Sidewall Grilles** are return air vents located near the ceiling on a wall that consist of frames with parallel bars which may be fixed or adjustable.

**Other** are return air vents that are not otherwise defined.