

BASE Buildings Test Space Characteristics: Quantities of Self-Contained Equipment in Test Space

	Air Cleaners ¹		Space Heaters ²		Humidifiers ³		Dehumidifiers ⁴		Desk Fans ⁵	
	Total in Test Space	Per Work Station	Total in Test Space	Per Work Station	Total in Test Space	Per Work Station	Total in Test Space	Per Work Station	Total in Test Space	Per Work Station
Number of Buildings Reporting	100	100	100	100	100	100	100	100	100	100
Mean (Arithmetic)	2	0.0	4	0.0	1	0.0	0	0.0	10	0.1
Standard Deviation	1	0.0	4	0.1	0	0.0	3	0.0	13	0.2
Minimum	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10th Percentile	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
25th Percentile	0	0.0	0	0.0	0	0.0	0	0.0	3	0.0
50th Percentile	0	0.0	0	0.0	0	0.0	0	0.0	6	0.1
75th Percentile	0	0.0	2	0.0	0	0.0	0	0.0	12	0.2
90th Percentile	1	0.0	6	0.1	0	0.0	0	0.0	21	0.3
Maximum	5	0.1	21	0.5	2	0.0	25	0.4	69	0.9

Notes:

¹Air cleaners were reported in 19 of the 100 test spaces.

²Space heaters were reported in 44 of the 100 test spaces.

³Humidifiers were reported in 8 of the 100 test spaces.

⁴Dehumidifiers were reported in 2 of the 100 test spaces.

⁵Desk fans were reported in 90 of the 100 test spaces.

Variable Descriptions:

Number of Air Cleaners in Test Space describes the total number of air cleaners located within the bounds of the test space. Air cleaners are units in the test space that are not part of the building heating, ventilating, and air conditioning system. The unit filters the air in an area of the test space using filter media and a fan.

Number of Space Heaters in Test Space describes the total number of space heaters located within the bounds of the test space. Space heaters are units in the test space that are not part of the building heating, ventilating, and air conditioning system. They provide heat for the room where they are located.

Number of Humidifiers in Test Space describes the total number of humidifiers located within the bounds of the test space. Humidifiers are units in the test space that add water vapor to the air and under this category are not integral to the building heating, ventilating, and air conditioning system.

Number of Dehumidifiers in Test Space describes the total number of dehumidifiers located within the bounds of the test space. Dehumidifiers are units in the test space that remove water vapor from the air and under this category are not integral to the building heating, ventilating, and air conditioning system.

Number of Desk Fans in Test Space describes the total number of desk fans located within the bounds of the test space.

Per Work Station values were calculated by dividing the quantity of each type of self-contained equipment in the test space by the number of work stations in test space (sum of the private office, open office, and partition office work stations identified in the test space).