

BASE Buildings Test Space HVAC Characteristics: Exhaust Fans - General Specifications

	Exhaust Fan Airflow Rate (m ³ /min) ¹	Floor Area Served By Exhaust Fan (m ²) ²
Number of Test Space Exhaust Fans	129	159
Mean (Arithmetic)	138	333
Standard Deviation	197	1,490
Minimum	3	2
10th Percentile	11	15
25th Percentile	24	30
50th Percentile	57	87
75th Percentile	157	259
90th Percentile	299	609
Maximum	1,274	18,375

Notes:
¹Data represent statistics for 129 test space exhaust air fans where design airflow capacity was reported. Exhaust airflow rate values were not reported for 43 test space exhaust fans. Conversion: 1 m³ equals 35.311 ft³.
²Data represent statistics for 159 test space exhaust air fans where floor area was reported. Floor area served was not reported for 13 test space exhaust fans. Conversion: 1 m² equals 10.764 ft².

Variable Descriptions:

Exhaust Fan Flow Rate describes the design airflow delivery rate for each exhaust fan. Statistics are reported in m³/min. Note that all exhaust airflow was not from the test space when an exhaust fan also served other areas outside the test space.

Floor Area Served By Exhaust Fan describes the floor area served by the exhaust fan. Statistics are reported in m². This includes floor area outside the test space when an exhaust fan also served other areas.