

BASE Buildings Test Space HVAC Inspections: System Fans and Airflow Directions

	Number of Test Space Air Handlers				
	Supply Fan Operating ¹	Correct Supply Fan Airflow Direction ²	Return Fan Operating ³	Correct Return Fan Airflow Direction ⁴	Correct Outdoor Air Intake Airflow Direction ⁵
Number of Test Space Air Handlers	136	135	45	42	130
Yes	134	134	42	42	129

Notes:

¹Data represent statistics for 136 study space air handling units. Five air handling units indicated no response for this variable.
²Data represent statistics for 135 study space air handling units. Six air handling units indicated no response for this variable.
³Data represent statistics for 45 study space air handling units equipped with return fans. 96 units did not have return fans.
⁴Data represent statistics for 42 study space air handling units. Three air handling units indicated no response for this variable.
⁵Data represent statistics for 130 study space air handling units. Eleven air handling units indicated no response for this variable.

Variable Descriptions:

Supply Fan Operating specifies whether the test space air handling unit supply fan was operating at the time of inspection.

Correct Supply Fan Airflow Direction specifies whether air flow delivered by the test space air handling unit supply fan discharged in the correct direction at the time of inspection.

Return Fan Operating specifies whether the test space air handling unit return fan was operating at the time of inspection.

Correct Return Airflow Direction specifies whether air flow through the test space air handling unit return fan was in the correct direction at the time of inspection.

Correct Outdoor Air Intake Airflow Direction specifies whether air flow through the test space air handling unit outdoor air intake was in the correct direction at the time of inspection.