

AIR FLOW



R-H-AF1



Hole to Measure Static Pressure

Space conditioning systems that utilize forced air ducts to supply cooling to an occupiable space shall have a hole for the placement of a static pressure probe (HSPP) in the supply plenum downstream of the air conditioning evaporator coil.

Code Reference: 2016 Title 24, Part 6 Standards §150.0(m)13A

Minimum CFM per Ton at Max Watts per CFM

Space conditioning systems that utilize forced air ducts to supply cooling to an occupiable space shall demonstrate, in every control mode, airflow greater than 350 CFM per ton of nominal cooling capacity through the return grilles, and an air-handling unit fan efficacy less than or equal to 0.58 W/CFM as confirmed by field verification and diagnostic testing. (See alternative, below).

Code Reference: 2016 Title 24, Part 6 Standards §150.0(m)13B



Alternative to Air Flow and Fan Watt Test

Standard ducted systems (systems without zoning dampers) may comply by default return duct and grill sizing that meets the applicable requirements in TABLE 150.0-C or TABLE 150.0-D as confirmed by field verification and diagnostic. The design clean-filter pressure drop requirements for the system air filter device(s) shall conform to the requirements given in TABLE 150.0-C and 150.0-D.

Code Reference: 2016 Title 24, Part 6 Standards §150.0(m)13C

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Notes:
