

## Duct CFM Chart: How to Size Your HVAC Airflow Correctly

Getting your HVAC ductwork sized right is a big deal for home comfort and energy bills. Too small, and your system strains, making a racket and not heating or cooling enough. Too big, and you lose air pressure, leading to uneven temperatures and wasted energy. This chart gives you a quick reference for common duct sizes and the airflow (CFM) they can handle. Use it to check if your ducts are a good match for your HVAC system's needs. You can print this chart out and keep it handy for your next DIY project or HVAC discussion.

DUCT TYPE ↕	DUCT SIZE ↕	CROSS-SECTIONAL AREA (SQ FT) ↕	CFM @ 700 FPM ↕
Round	6-inch Diameter	0.20	137
Round	8-inch Diameter	0.35	244
Round	10-inch Diameter	0.55	382
Round	12-inch Diameter	0.79	550
Round	14-inch Diameter	1.07	748
Round	16-inch Diameter	1.40	977
Round	18-inch Diameter	1.77	1237
Rectangular	8x8 inches	0.44	311
Rectangular	8x10 inches	0.56	389
Rectangular	8x12 inches	0.67	467
Rectangular	8x14 inches	0.78	545
Rectangular	10x10 inches	0.69	486
Rectangular	10x12 inches	0.83	583
Rectangular	10x14 inches	0.97	680
Rectangular	12x12 inches	1.00	700
Rectangular	12x14 inches	1.17	817
Rectangular	14x14 inches	1.36	953
Rectangular	16x16 inches	1.78	1245

18 rows