



USAIRE

MODEL 7550R-6

Model 7550R-6 Perforated Face Return

Neck Size	Inlet Velocity	300	400	500	600	700	800	900	1000
	Ps	-.01	-.02	-.03	-.04	-.05	-.06	-.08	-.10
6"x6"	CFM	60	80	100	115	135	155	175	195
8"x8"	CFM	105	140	175	210	245	280	315	350
10"x10"	CFM	165	220	270	325	380	435	490	545
12"x12"	CFM	235	315	390	470	550	630	705	785
14"x14"	CFM	320	425	535	640	750	855	930	1070

Notes

All Units have been tested in accordance with ANSI/ASHRAE 70-2006. Data in table is derived from such testing

Ps - Static pressure required to obtain listed cfm, units of inches water gauge (in. wg.)

NC- Calculated noise criteria using 10 dB per octave room attenuation (dimensionless).

Throw - Non-isothermal throw, in feet, for a terminal velocity of 50 fpm

Inlet Velocity = fpm (Feet Per Minute)

For sizes not shown, refer to online tools **GRD Selection Program** performance calculator on Home Page