

NOMINAL 24" x 24" • WITH PERFORATED CENTER

Inlet Size	CFM	250			300			350			400			450			500			550			600			650		
	Ps	0.02			0.03			0.04			0.05			0.06			0.08			0.10			0.12			0.14		
	Throw	3	5	10	4	6	11	4	7	13	5	8	14	6	9	15	6	10	16	7	11	17	8	11	17	8	12	18
10"	Pt	0.03			0.05			0.06			0.08			0.11			0.13			0.16			0.19			0.22		
	NC	22			26			31			35			39			41			44			46			49		
12"	Pt	0.03			0.04			0.05			0.07			0.09			0.11			0.13			0.15			0.18		
	NC	<20			24			28			31			35			38			41			43			45		
14"	Pt	0.02			0.03			0.05			0.06			0.08			0.09			0.11			0.13			0.16		
	NC	<20			21			26			30			33			36			39			41			44		
16"	Pt	0.02			0.03			0.04			0.06			0.07			0.09			0.11			0.13			0.15		
	NC	<20			<20			24			28			31			34			37			39			42		

Test Standard

- ANSI / ASHRAE standard 70

Sound Levels

- NC is noise criteria curve that will not be exceeded at the operating point. This is determined by assuming a 10dB (ref: 10⁻¹² watts) room attenuation that is subtracted from the power levels in each of the 2nd thru 7th octave bands

Throw

- The numbers shown are throw distances, in feet, measured along the jet trajectory axis relating to terminal velocities of 150, 100, & 50 fpm, with the jet attached to the ceiling surface.

Pressure

- P_s represents Static Pressure, inches of water
- P_t represents Total Pressure, inches of water, measured in the supply duct.
- Velocity pressure may be calculated by subtracting the Static pressure from the Total Pressure: P_v = P_t - P_s