TJD PERFORMANCE / 24 X 24

Nominal Duct Size	Duct Velocity, fpm	100	120	140	160	180	210	240
6"	Velocity Pressure, in wc	0.001	0.001	0.001	0.002	0.002	0.003	0.004
	Airflow, cfm	20	24	27	31	35	41	47
	Total Pressure, in wc	0.069	0.099	0.125	0.166	0.211	0.289	0.38
	Throw, ft	6-7-9	6-7-10	6-8-10	7-8-11	7-9-12	8-10-13	9-10-13
	NC	-	-	-	-	19	25	30

Nominal Duct Size	Duct Velocity, fpm	57	72	85	100	115	130	144
8"	Velocity Pressure, in wc	-	-	-	0.001	0.001	0.001	0.001
	Airflow, cfm	20	25	30	35	40	45	50
	Total Pressure, in wc	0.068	0.107	0.153	0.210	0.274	0.346	0.427
	Throw, ft	6-7-9	6-7-10	7-8-11	7-9-12	8-9-12	8-10-13	9-10-14
	NC	-	-	-	19	24	29	33

- Data obtained from tests conducted in accordance with ANSI/ ASHRAE Standard 70-2006. Actual performance, with flexible ductinlet, may vary in the field. See the Engineering Guidelines section ofthis catalog for additional information.
- Throw values are given for terminal velocities of 50, 35 and 20 fpm and for isothermal conditions. See the section, Engineering Guidelines for catalog throw data information.
- NC values based on Octave Band 2 to 7 sound power levels minus a room absorption of 10 dB
- Dash (-) in space denotes an NC value less than 15
- Each NC value represents the noise criteria curve which will not be exceeded by the sound pressure in any of the octave bands, 2 through 7, with a room absorption of 10 dB, re 10-12 watts.
- All pressures are given in inches of water
- To obtain static pressure, subtract the velocity pressure from the total pressure