

PERFORMANCE DATA

COOLING													
UNIT SIZE	IP DATA						NC	METRIC DATA					
	AIR FLOW	Pt	VELOCITY @ 6' BELOW PANEL					AIR FLOW	Pt	VELOCITY @ 6' BELOW PANEL			
			5° FΔT	10° FΔT	15° FΔT	20° FΔT				3° CΔT	6° CΔT	8° CΔT	11° CΔT
	CFM	"WG	FPM	FPM	FPM	FPM		L/s/sm	Pa	m/s	m/s	m/s	m/s
24"x24" 12"x6" INLET	30	0.020	21	26	32	37	-	153	5.0	0.11	0.13	0.16	0.19
	60	0.030	37	42	47	58	-	307	7.5	0.19	0.21	0.24	0.29
	91	0.060	53	63	74	84	11	460	14.9	0.27	0.32	0.37	0.43
	121	0.110	68	84	100	110	18	614	27.4	0.35	0.43	0.51	0.56
24"x48" 24"x6" INLET	67	0.010	27	32	37	43	-	340	2.5	0.14	0.16	0.19	0.22
	134	0.020	43	53	64	69	9	680	5.0	0.22	0.27	0.33	0.35
	201	0.060	64	80	96	107	19	1019	14.9	0.33	0.41	0.49	0.54
	268	0.100	85	107	n/a	n/a	28	1359	24.9	0.43	0.54	-	-

HEATING																
SLOT WIDTH	NO. OF SLOTS	IP DATA				NC	METRIC DATA				OCTAVE BAND, dB					
		AIR FLOW	PRESSURE Ps	1-WAY THROW	2-WAY THROW		AIR FLOW	PRESSURE Ps	1-WAY THROW	2-WAY THROW						
		CFM	"WG	ft	ft		L/s/sm	Pa	m	m	2	3	4	5	6	7
1"	1	10	0.010	1-2-6	1-1-4	-	16	1.0	0.4-0.8-2.5	0.3-0.6-1.8	15	-	-	-	-	-
		25	0.050	5-7-14	3-5-10	-	39	6.0	2.1-3.1-5.8	1.5-2.2-4.1	30	29	18	-	-	-
		55	0.230	11-14-20	7-10-14	23	85	29.2	4.5-6.1-8.6	3.2-4.3-6.1	44	48	39	33	24	14
		70	0.380	13-16-23	9-11-16	29	109	47.3	5.6-6.9-9.7	4.0-4.9-6.9	48	54	45	40	31	19
		85	0.560	14-18-25	10-12-18	35	132	69.7	6.2-7.6-10.7	4.4-5.4-7.6	51	58	50	46	37	24

NOTES: Throw is based on isothermal air at 150, 100, and 50 (0.75, 0.5, and 0.25 m/s) FPM terminal velocities. Two way, one slot throw is split throw. Throw and sound based on a 2ft. length. Pressures are for diffuser section only. Plenums will add some noise and pressure drop. NC values are based on Octave Band 2 - 7 sound power levels minus a room absorption of 10dB. Dash in space denotes a NC or dB value of less than 10. Data was obtained from tests conducted in accordance with ANSI / ASHRAE Standard 70-1991.

SPECIALTY PRODUCTS | DISPLACEMENT VENTILATION