

# PERFORMANCE DATA

Air Pattern	Unit Size (in.)	Inlet Size (in.)	Air Flow (cfm)	Static Pressure (in. w.g.)	Total Pressure (in. w.g.)	Sound (NC)	Throw (ft.) 100-75-50 fpm						
							Vertical Cooling			Horizontal Cooling			
							5°F	10°F	15°F	5°F	10°F	15°F	
1-way Pattern	24 x 24	8	200	0.01	0.03	-	0-1-3	1-2-3	2-2-4	1-2-2	1-2-2	1-2-2	
			300	0.022	0.068	26	1-2-3	2-3-4	2-4-5	2-3-3	2-3-3	2-3-3	
			400	0.039	0.121	35	2-3-4	2-4-5	3-5-5	3-3-4	3-3-4	3-4-3	
			500	0.06	0.188	42	2-4-4	3-5-5	3-5-6	3-4-4	3-4-4	3-4-4	
	24 x 24	10	400	0.016	0.049	23	2-3-6	3-4-7	3-5-7	3-4-6	3-4-6	4-5-6	
			500	0.025	0.077	30	3-4-7	3-5-7	4-6-8	4-5-7	4-5-6	4-5-6	
			600	0.036	0.111	36	3-5-7	4-5-8	4-6-8	4-5-7	4-5-7	5-6-7	
			700	0.048	0.151	41	3-5-7	4-6-8	4-7-9	5-6-7	5-6-7	5-6-7	
	24 x 48	10	400	0.018	0.052	20	6-7-8	6-8-8	6-8-8	4-6-6	4-6-6	4-6-6	
			500	0.029	0.081	27	7-8-8	7-8-9	7-8-9	5-6-7	5-6-7	5-6-7	
			600	0.041	0.117	33	7-8-9	7-8-9	7-8-9	5-7-7	6-7-8	6-7-8	
			700	0.056	0.159	37	7-8-9	8-8-9	8-9-9	6-7-8	6-7-8	6-7-8	
		24 x 48	12	600	0.02	0.056	23	6-8-9	6-8-9	7-8-9	2-4-4	3-4-4	3-4-4
				700	0.027	0.077	28	7-8-9	7-8-9	7-8-9	3-4-5	3-4-5	3-4-5
				800	0.035	0.1	32	7-8-9	7-8-9	7-9-9	3-4-5	4-4-5	4-5-5
				900	0.045	0.127	36	7-8-9	7-9-9	8-9-10	4-5-5	4-5-6	4-5-6
2-way Pattern	24 x 24	8	200	0.01	0.03	-	0-0-2	0-0-2	0-0-2	1-1-2	1-1-1	1-1-1	
			300	0.022	0.068	25	1-2-3	1-2-3	1-2-3	2-2-3	2-2-2	2-2-2	
			400	0.039	0.121	35	2-3-4	2-3-4	2-3-4	3-3-3	3-3-3	2-3-3	
			500	0.06	0.188	43	3-4-5	3-4-5	3-4-5	3-4-4	3-4-4	3-3-3	
	24 x 24	10	400	0.016	0.049	22	4-5-6	4-5-6	4-5-6	3-4-5	3-4-5	3-4-4	
			500	0.025	0.077	30	5-6-7	5-6-7	5-6-7	4-5-5	4-5-5	4-4-5	
			600	0.036	0.111	36	5-7-8	5-7-8	5-7-8	4-5-6	4-5-6	4-5-5	
			700	0.048	0.151	41	6-7-8	6-7-8	6-7-8	5-6-6	4-6-6	4-5-6	
	24 x 48	10	400	0.018	0.052	22	5-7-7	5-7-8	5-7-8	5-7-7	3-3-4	2-3-4	
			500	0.029	0.081	29	6-7-8	6-7-8	6-8-8	6-7-8	4-5-6	3-4-5	
			600	0.041	0.117	35	6-8-8	7-8-9	7-8-9	6-8-8	5-6-7	4-5-6	
			700	0.056	0.159	41	7-8-9	7-8-9	8-9-9	7-8-9	5-6-8	5-6-7	
		24 x 48	12	600	0.02	0.056	25	6-7-8	6-7-8	6-7-8	6-7-8	3-4-4	3-3-4
				700	0.027	0.077	30	6-7-8	6-7-8	7-8-9	6-7-8	4-5-5	3-4-5
				800	0.035	0.1	35	7-8-9	7-8-9	7-8-9	7-8-9	4-5-6	4-5-5
				900	0.045	0.127	39	7-8-9	7-8-9	8-8-9	7-8-9	5-6-7	5-6-6
24 x 48	12	1000	0.055	0.156	42	7-8-9	8-8-9	8-9-9	7-8-9	5-7-7	5-6-6		

### Performance Notes:

- Units are tested in accordance with ASHRAE Standard 70-2006.
- Air flow is in cubic feet per minute, cfm.
- All pressures are in inches of water, in. w.g.
- The NC values, sound pressure levels, are based on a room absorption of 10 dB re 10<sup>-12</sup> watts and one diffuser.
- Blanks "-" indicate an NC less than 20.