

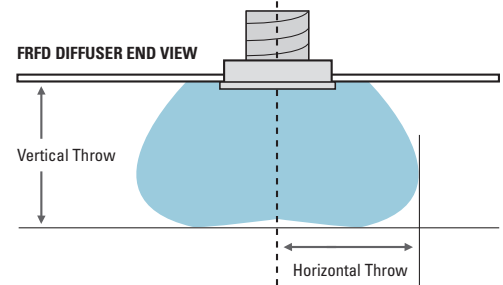
PERFORMANCE DATA

FRFD

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			Horizontal		
							5 °F	10 °F	15 °F	5 °F	10 °F	15 °F
1- Way Radial Pattern	24 x 24	8	200	0.028	0.049	-	1-2-4	1-3-5	1-3-5	1-3-4	1-4-5	1-4-5
			300	0.064	0.110	23	1-2-4	1-3-5	2-4-6	2-4-5	2-4-6	2-4-6
			400	0.114	0.196	32	1-3-5	2-4-5	2-4-6	3-4-6	3-5-7	3-5-7
		10	300	0.049	0.068	-	1-2-4	1-3-5	2-4-6	2-4-5	2-4-6	2-4-6
			400	0.088	0.121	26	1-3-5	2-4-5	2-4-6	3-4-6	3-5-7	3-5-7
			600	0.198	0.273	38	2-4-7	3-5-8	3-6-9	4-6-8	5-7-9	5-7-9
	24 x 48	10	400	0.034	0.067	20	1-3-4	3-4-5	3-5-6	3-3-4	4-4-5	4-5-5
			600	0.075	0.151	32	2-4-5	5-5-6	5-6-8	4-4-5	5-5-6	5-6-6
			800	0.134	0.268	41	4-5-6	6-7-8	7-8-9	4-5-6	5-6-6	6-7-7
		12	600	0.052	0.088	25	3-4-5	3-4-6	3-5-6	3-4-6	3-5-7	3-5-7
			800	0.092	0.157	35	4-5-6	4-5-6	4-6-7	5-6-8	5-6-8	5-7-9
			1000	0.144	0.246	42	4-5-6	4-6-7	4-6-8	5-7-9	6-8-9	7-9-10
2- Way Radial Pattern	24 x 24	8	200	0.024	0.044	-	1-3-3	1-3-5	2-4-6	1-2-3	1-2-3	1-3-3
			300	0.053	0.099	23	1-3-4	1-4-6	4-5-7	2-3-4	2-3-4	3-4-5
			400	0.095	0.177	32	3-4-6	3-5-7	4-6-8	3-4-6	3-5-6	4-6-7
		10	300	0.036	0.055	-	1-2-4	1-4-6	3-5-8	1-2-4	2-3-5	2-4-5
			400	0.065	0.098	23	3-4-6	4-5-7	5-6-8	3-4-6	4-5-6	4-5-6
			600	0.150	0.221	38	4-5-6	5-6-8	6-7-8	5-5-6	5-8-9	6-8-10
	24 x 48	10	400	0.036	0.069	23	1-1-2	1-2-2	3-4-5	2-2-3	2-2-3	3-3-4
			600	0.081	0.156	35	2-2-3	4-5-6	5-6-7	3-4-4	4-5-6	5-6-6
			800	0.144	0.278	44	4-4-5	6-7-7	8-8-9	5-5-6	6-6-7	6-7-8
		12	600	0.054	0.091	28	1-2-3	4-5-6	4-5-6	1-2-3	2-3-3	3-4-4
			800	0.096	0.161	37	2-3-4	4-5-6	5-6-7	2-3-5	4-4-5	5-6-6
			1000	0.150	0.252	43	3-4-4	5-5-6	6-6-7	4-5-6	5-6-7	6-7-7

Performance Notes:

1. Units are tested in accordance with ASHRAE Standard 70-2006.
2. Air flow is in cubic feet per minute, cfm.
3. All pressures are in inches of water., in. w.g.
4. The NC values, sound pressure level, are based on a room absorption of 10 dB re 10⁻¹² watts and one diffuser.
5. Blanks "-" indicate an NC level below 20.



PERFORMANCE DATA

FRFD with Perforated Face

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			Horizontal		
							5 °F	10 °F	15 °F	5 °F	10 °F	15 °F
1- Way Radial Pattern	24 x 24	8	200	0.016	0.036	-	1-1-2	1-2-4	1-3-6	1-2-3	1-2-3	1-2-3
			300	0.036	0.082	22	2-2-3	2-3-5	2-4-7	2-3-4	2-3-4	2-3-5
			400	0.064	0.146	33	2-2-4	2-4-6	2-4-7	2-3-4	2-3-5	2-3-5
		10	300	0.026	0.045	-	1-1-2	1-2-5	1-3-5	1-2-3	1-2-5	1-3-5
			400	0.046	0.080	23	1-2-3	1-3-5	2-4-7	1-2-4	2-3-5	2-3-5
			600	0.103	0.168	36	1-3-6	1-4-7	3-5-7	1-3-5	2-4-5	2-3-5
	24 x 48	10	400	0.038	0.072	-	2-3-4	2-3-5	2-5-8	1-2-3	1-2-3	1-1-2
			600	0.086	0.162	29	2-3-6	3-4-6	5-6-8	1-2-3	2-2-3	2-3-4
			800	0.153	0.289	37	4-4-7	2-5-7	5-6-8	3-3-4	3-3-4	3-3-4
		12	600	0.070	0.106	23	3-4-5	4-5-6	5-6-7	2-2-3	3-3-4	3-3-4
			800	0.125	0.190	34	5-6-7	5-5-6	5-6-7	3-4-5	3-3-4	3-3-4
			1000	0.195	0.296	39	5-6-7	5-6-7	7-7-8	3-3-3	4-4-5	4-4-5
2- Way Radial Pattern	24 x 24	8	200	0.014	0.034	-	1-1-2	1-2-3	1-2-3	1-2-3	1-1-2	0-1-1
			300	0.032	0.078	22	1-3-5	1-3-5	1-3-5	1-2-4	1-2-3	1-1-2
			400	0.057	0.139	30	1-3-6	1-3-6	1-3-6	1-3-4	2-3-4	1-2-3
		10	300	0.023	0.042	-	1-3-5	1-3-6	1-3-6	1-2-3	1-1-2	1-1-2
			400	0.041	0.075	23	2-3-6	2-5-7	2-5-7	2-3-4	2-3-3	2-2-2
			600	0.093	0.169	36	3-5-7	3-5-7	3-5-8	2-3-4	2-3-4	2-3-4
	24 x 48	10	400	0.039	0.074	-	1-2-3	1-3-4	2-3-4	1-2-3	1-2-2	1-2-2
			600	0.089	0.165	33	2-3-5	2-4-6	2-4-7	1-2-3	2-2-3	2-2-2
			800	0.158	0.292	40	3-5-7	3-5-6	4-6-8	2-3-4	2-3-4	2-3-4
		12	600	0.066	0.102	26	1-3-5	1-4-7	2-4-7	1-1-2	1-1-2	1-1-2
			800	0.118	0.183	36	2-3-5	3-5-7	3-5-7	1-1-2	2-2-3	2-2-3
			1000	0.185	0.286	42	2-4-7	3-5-7	3-5-7	1-1-2	2-2-3	2-2-3

Performance Notes:

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