

**PERFORMANCE DATA**

**Model: DFR360 • Floor Standing • 360° Pattern • Free Standing**

Unit Size WxH (inches)	Inlet Size (inches)	Core Area (ft <sup>2</sup> )	Face Velocity (FPM)	Airflow (CFM)	Total Pressure (in. w.g.)	Static Pressure (in. w.g.)	Noise Criteria NC	Adjacent Zone	
								ΔT= 5°F	ΔT= 10°F
								Radius (ft)	Radius (ft)
12x24	8	6	20	120	0.018	0.011	—	2	2
			30	180	0.040	0.024	—	3	3
			40	240	0.072	0.042	16	4	4
			50	300	0.112	0.066	21	4	5
18x24	14	9	20	180	0.007	0.005	—	3	3
			30	270	0.015	0.011	—	3	4
			40	360	0.027	0.020	17	4	5
			50	450	0.042	0.031	22	5	6
18x36	14	13.7	20	274	0.008	0.004	—	3	5
			30	411	0.019	0.010	—	4	6
			40	548	0.034	0.018	18	5	7
			50	685	0.053	0.027	23	6	7
18x48	14	18.4	20	368	0.012	0.005	—	6	7
			30	552	0.028	0.011	—	7	8
			40	736	0.050	0.020	18	8	9
			50	920	0.076	0.032	23	9	10
24x24	14	12	20	240	0.007	0.004	—	3	4
			30	360	0.016	0.009	—	4	5
			40	480	0.029	0.016	17	5	7
			50	600	0.045	0.025	22	5	8
24x36	14	18.3	20	366	0.013	0.006	—	5	6
			30	549	0.030	0.014	—	5	7
			40	732	0.054	0.025	18	6	7
			50	915	0.084	0.038	23	7	9
24x48	14	24.6	20	492	0.016	0.003	—	5	6
			30	738	0.037	0.007	—	6	7
			40	984	0.066	0.013	19	7	8
			50	1230	0.103	0.020	24	8	10
24x60	16	30.9	20	618	0.017	0.004	—	7	7
			30	927	0.037	0.010	—	8	8
			40	1236	0.067	0.018	19	9	9
			50	1545	0.104	0.028	24	10	11
30x24	14	15.1	20	302	0.012	0.007	—	3	4
			30	453	0.028	0.016	—	4	5
			40	604	0.049	0.029	17	6	8
			50	755	0.076	0.045	22	6	8
30x36	14	22.9	20	458	0.017	0.005	—	6	7
			30	687	0.038	0.012	—	6	8
			40	916	0.067	0.022	19	7	9
			50	1145	0.105	0.033	24	8	10
30x48	16	30.8	20	616	0.017	0.005	—	5	7
			30	924	0.038	0.010	—	7	9
			40	1232	0.067	0.019	19	9	11
			50	1540	0.105	0.029	24	11	13
30x60	18	38.6	20	772	0.017	0.005	—	7	8
			30	1158	0.038	0.011	—	8	10
			40	1544	0.067	0.020	19	10	11
			50	1930	0.105	0.031	24	13	15

**Performance Notes:**

1. Face velocity is in feet per minute, FPM.
2. Airflow is in cubic feet per minute, CFM.
3. Pressure is in inches water gauge, in. w.g.
4. NC (Noise Criteria) values are based on 10 dB room absorption, re 10<sup>-12</sup> watts. Dash (—) in space indicates a NC of less than 15.
5. Adjacent Zone size represents the throw distance in feet to a terminal velocity of 40 fpm measured at 1" above the floor.
6. ΔT is the temperature difference between the supply air and the room temperature measured at 42" above the floor.
7. Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70—2006 and the Nordtest Low Velocity Method NT VVS 083.