

PERFORMANCE DATA

Model: DFF1C • Floor Standing • Flat Face • Corner

Unit Size WxH (inches)	Inlet Size (inches)	Core Area (ft ²)	Face Velocity (FPM)	Airflow (CFM)	Total Pressure (in. w.g.)	Static Pressure (in. w.g.)	Noise Criteria NC	Adjacent Zone	
								$\Delta T= 5^{\circ}F$	$\Delta T= 10^{\circ}F$
								Radius (ft)	Radius (ft)
24x24	8	3.7	20	73	0.010	0.007	—	6	8
			30	110	0.021	0.016	—	8	10
			40	147	0.039	0.028	—	10	12
			50	184	0.061	0.044	19	12	14
24x36	8	5.6	20	112	0.012	0.005	—	10	11
			30	168	0.027	0.012	—	12	14
			40	224	0.047	0.022	—	14	16
			50	280	0.074	0.034	21	16	18
24x48	8	7.5	20	150	0.017	0.006	—	11	13
			30	225	0.039	0.013	—	13	15
			40	300	0.070	0.024	—	15	17
			50	376	0.109	0.037	23	17	19
24x60	8	9.4	20	188	0.017	—	—	13	15
			30	283	0.040	—	—	15	17
			40	377	0.070	—	19	17	19
			50	471	0.110	—	26	19	21
24x72	8	11.3	20	227	0.024	—	—	14	15
			30	340	0.054	—	—	16	18
			40	454	0.096	—	22	18	20
			50	567	0.150	—	29	20	22
30x24	10	4.6	20	93	0.006	0.004	—	8	8
			30	139	0.014	0.010	—	10	10
			40	185	0.024	0.017	—	11	12
			50	232	0.038	0.027	—	12	14
30x36	10	7.1	20	141	0.009	0.004	—	9	12
			30	212	0.019	0.010	—	11	14
			40	282	0.035	0.018	—	13	16
			50	353	0.054	0.028	18	14	18
30x48	10	9.5	20	189	0.012	0.005	—	12	14
			30	284	0.027	0.010	—	14	15
			40	378	0.049	0.019	—	16	18
			50	473	0.076	0.029	22	18	20
30x60	10	11.9	20	238	0.014	0.002	—	11	13
			30	356	0.031	0.004	—	13	15
			40	475	0.055	0.008	—	15	17
			50	594	0.086	0.012	23	17	19
30x72	10	14.3	20	286	0.017	—	—	14	15
			30	429	0.038	—	—	16	18
			40	572	0.067	—	18	18	20
			50	715	0.104	—	25	20	22
36x24	12	5.6	20	112	0.004	0.003	—	8	8
			30	168	0.010	0.007	—	10	10
			40	224	0.017	0.012	—	11	12
			50	280	0.027	0.019	—	12	14
36x36	12	8.5	20	170	0.008	0.005	—	9	12
			30	255	0.017	0.010	—	11	14
			40	340	0.030	0.018	—	13	16
			50	426	0.047	0.029	—	14	18
36x48	12	11.4	20	228	0.011	0.005	—	6	8
			30	343	0.024	0.012	—	8	10
			40	457	0.043	0.022	—	10	12
			50	571	0.067	0.034	—	12	14
36x60	12	14.4	20	289	0.013	0.005	—	11	13
			30	433	0.030	0.011	—	13	15
			40	577	0.052	0.019	—	15	17
			50	722	0.082	0.029	18	17	19
36x72	12	17.26	20	345	0.016	0.004	—	14	15
			30	518	0.036	0.009	—	16	18
			40	690	0.064	0.016	—	18	20
			50	863	0.100	0.025	21	20	22

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 10⁻¹² 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.