

**PERFORMANCE DATA**

**Model: DFF3 • Floor Standing • Flat Face • Wall/Pillar**

Unit Size WxHxD (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				
								Length (ft)	Width (ft)	Length (ft)	Width (ft)			
24x24x13	10	7.7	20	154	0.008	0.003	—	7	14	10	21			
			30	231	0.019	0.008	—	7	15	11	22			
			40	308	0.033	0.013	15	8	16	12	23			
			50	385	0.052	0.021	20	9	17	13	24			
24x48x13	10	15.7	20	314	0.025	0.004	18	9	15	9	22			
			30	471	0.056	0.010	22	10	16	10	23			
			40	628	0.100	0.017	27	11	16	11	25			
			50	785	0.130	0.027	31	12	17	12	26			
	16x8	30	471	0.047	0.029	22	10	17	10	23				
				40	628	0.083	0.052	27	11	17	11	25		
		18x8	30	471	0.022	0.008	—	10	17	10	23			
					40	628	0.038	0.014	17	11	18	11	25	
			50	785	0.060	0.022	21	12	18	12	26			
					0.100	0.040	27	13	23	16	29			
24x60x13	10	19.7	20	394	0.040	0.007	15	10	20	13	26			
			30	591	0.090	0.017	23	11	21	14	27			
			40	788	0.164	0.025	20	12	22	15	28			
	18x8		30	591	0.036	0.014	15	11	21	14	27			
					40	788	0.064	0.025	20	12	22	15	28	
					50	985	0.100	0.040	27	13	23	16	29	
36x48x16	12	21.5	20	430	0.025	0.006	16	7	15	12	25			
			30	645	0.056	0.014	22	9	19	13	26			
			40	860	0.100	0.025	27	10	21	14	27			
			50	1075	0.110	0.038	30	11	22	15	28			
	18x8	30	645	0.040	0.014	16	9	19	13	26				
				40	860	0.070	0.024	23	10	21	14	27		
		24x8	30	645	0.022	0.007	15	9	19	13	26			
					40	860	0.038	0.012	20	10	21	14	27	
			50	1075	0.060	0.019	24	11	22	15	28			
					0.110	0.040	30	12	23	16	29			
36x60x16	18x8	27	20	540	0.023	0.010	—	9	19	12	27			
			30	810	0.045	0.023	21	10	20	13	28			
			40	1080	0.076	0.040	30	11	21	14	29			
	24x8		30	810	0.025	0.018	16	10	20	13	28			
					40	1080	0.045	0.032	23	11	21	14	29	
					50	1350	0.070	0.050	30	12	22	15	30	
48x24x13	10	11.5	20	230	0.016	0.005	—	5	13	7	20			
			30	345	0.036	0.036	15	6	14	9	20			
			40	460	0.064	0.064	21	6	14	9	21			
			50	575	0.100	0.031	26	7	15	11	23			
			0.110	0.040	27	8	16	10	21					
48x36x16	12	19	20	380	0.020	0.005	—	6	16	10	21			
			30	570	0.045	0.012	20	7	17	11	24			
			40	760	0.080	0.022	24	8	18	11	25			
	18x8		30	570	0.032	0.012	—	7	17	11	24			
					40	760	0.058	0.022	19	8	18	12	25	
					50	950	0.090	0.034	27	9	19	13	27	
60x24x13	10	13.4	20	268	0.020	0.005	—	4	13	7	18			
			30	402	0.045	0.011	16	5	14	8	20			
			40	536	0.080	0.020	23	6	15	9	21			
			50	670	0.110	0.028	29	7	16	10	22			
			0.110	0.040	—	5	14	9	20					
	14x6		30	402	0.022	0.022	—	5	14	9	20			
					40	536	0.038	0.038	15	6	15	10	21	
			16x8	30	402	0.040	0.010	—	5	14	9	20		
						40	536	0.070	0.018	21	6	15	9	21
						50	670	0.110	0.025	20	7	16	10	22
60x36x16	12	21.9	20	438	0.028	0.008	—	5	15	9	22			
			30	657	0.062	0.018	16	6	16	10	23			
			40	876	0.110	0.032	23	6	17	11	25			
			50	1095	0.110	0.035	30	7	18	12	27			
			0.070	0.023	21	6	17	11	25					
	18x8		30	657	0.040	0.013	15	5	16	10	23			
					40	876	0.070	0.023	21	6	17	11	25	
			24x8	30	657	0.029	0.014	—	5	16	10	23		
						40	876	0.051	0.024	—	6	17	11	25
						50	1095	0.080	0.038	19	7	18	12	27

**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.