

TABLE 3B: PERFORMANCE WITH FC DWDI FANS

Model No.	SCFM	Fan Quantity and Size	Fan HP		Heater Output, MBTUH			Temperature Rise, °F		
			No Filters	With Filters	Option 1	Option 2	Option 3	Option 1	Option 2	Option 3
75	8,000	2-15"	3	3	400	500	550	46	58	64
	10,000	2-15"	3	5	400	500	550	37	46	51
	12,000	2-15"	5	5	400	500	550	31	39	42
100	14,000	2-20"	5	5	650	750	—	43	50	—
	18,000	2-20"	5	7-1/2	650	750	—	33	39	—
	20,000	2-20"	7-1/2	10	650	750	—	30	35	—
	24,000	2-20"	10	15	650	750	—	25	29	—
	28,000	2-20"	15	20	650	750	—	21	25	—
175	20,000	2-22"	7-1/2	7-1/2	850	1000	—	39	46	—
	24,000	2-22"	10	10	850	1000	—	33	39	—
	27,000	2-22"	15	15	850	1000	—	29	34	—
	30,000	2-22"	15	20	850	1000	—	26	31	—
250	30,000	2-27"	10	10	1250	1500	1750	39	46	54
	35,000	2-27"	10	15	1250	1500	1750	33	40	46
	40,000	2-27"	15	20	1250	1500	1750	29	35	41
	45,000	2-27"	20	25	1250	1500	1750	26	31	36
	50,000	2-27"	30	40	1250	1500	1750	23	28	32
300	40,000	2-30"	15	15	2000	2500	—	46	58	—
	45,000	2-30"	15	20	2000	2500	—	41	51	—
	50,000	2-30"	20	25	2000	2500	—	37	46	—
	55,000	2-30"	25	30	2000	2500	—	34	42	—
	60,000	2-30"	40	40	2000	2500	—	31	39	—
400	50,000	2-36"	15	20	2500	2750	—	46	51	—
	60,000	2-36"	20	25	2500	2750	—	39	42	—
	70,000	2-36"	30	40	2500	2750	—	33	36	—
	75,000	2-36"	40	N/A	2500	2750	—	29	32	—
600	60,000	2-42"	15	20	3000	3500	4000	46	54	62
	70,000	2-42"	20	25	3000	3500	4000	40	46	53
	80,000	2-42"	25	40	3000	3500	4000	35	41	46
	90,000	2-42"	40	50	3000	3500	4000	31	36	41
	100,000	2-42"	50	N/A	3000	3500	4000	28	32	37
	110,000	2-42"	75	N/A	3000	3500	4000	25	29	34

Only one motor required per unit.

N/A = Not Available.

MODEL NUMBER DESIGNATION

The model number is the DAT size followed by the heater size. For example, the DAT Model size 250 with 1250 MBTUH output would be a DAT250-GTDM125. The G indicates gas fired and TDM is the indirect fired heater prefix. The 125 is obtained by dividing the rated output by 10. An oil fired unit would be LO instead of G.