

Air Delivery Table

Blower HP Selection										
Unit Model	CFM Std. Air @ 70°	FPM Outlet Velocity	Total External Static Pressure (W.C.)							
			1/4" HP	3/8" HP	1/2" HP	3/4" HP	1" HP	1 1/4" HP	1 1/2" HP	2" HP
TMM 109	1600	1914	1	1	1	1	—	—	—	—
	1900	2273	1	1	1 1/2	1 1/2	1 1/2	1 1/2	2	—
	2200	2632	1 1/2	1 1/2	1 1/2	1 1/2	2	2	2	3
	2600	3110	2	2	2	2	3	3	3	3
	3000	3589	3	3	3	3	3	3	3	5
TMM 112	3250	2257	1 1/2	2	2	2	2	3	3	3
	3500	2431	2	2	2	2	3	3	3	3
	3750	2604	2	2	3	3	3	3	3	5
	4000	2778	3	3	3	3	3	3	5	5
	4250	2951	3	3	3	3	3	5	5	5
TMM 115	4500	2239	2	2	3	3	3	3	5	—
	5000	2488	3	3	3	3	3	5	5	5
	5500	2736	3	3	3	3	5	5	5	5
	6000	2985	3	5	5	5	5	5	5	7 1/2
TMM 118	6500	2265	3	5	5	5	5	5	5	7 1/2
	7000	2439	5	5	5	5	5	5	7 1/2	7 1/2
	7500	2613	5	5	5	5	5	7 1/2	7 1/2	7 1/2
	8000	2787	5	5	5	5	7 1/2	7 1/2	7 1/2	7 1/2
	8500	2962	5	5	5	7 1/2	7 1/2	7 1/2	7 1/2	10
TMM 120	9000	2143	5	5	5	5	7 1/2	7 1/2	7 1/2	—
	9500	2262	5	5	5	7 1/2	7 1/2	7 1/2	7 1/2	—
	10,000	2381	5	5	5	7 1/2	7 1/2	7 1/2	7 1/2	10
	10,500	2500	5	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	10	10
	11,000	2619	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	10	10	10
TMM 122	11,000	2157	5	5	7 1/2	7 1/2	7 1/2	7 1/2	10	—
	12,000	2353	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	10	10	15
	13,000	2549	7 1/2	7 1/2	7 1/2	10	10	10	10	15
	14,000	2745	7 1/2	10	10	10	10	15	15	15
	15,000	2941	—	10	10	10	15	15	15	15
TMM 125	14,000	2086	7 1/2	7 1/2	7 1/2	7 1/2	10	—	—	—
	15,000	2235	7 1/2	7 1/2	7 1/2	10	10	10	15	—
	16,000	2385	7 1/2	7 1/2	7 1/2	10	10	15	15	—
	18,000	2683	10	10	10	10	15	15	15	15
	20,000	2981	15	15	15	15	15	15	15	20
TMM 130	22,000	2486	10	10	10	15	15	15	15	—
	24,000	2581	10	15	15	15	15	15	20	20
	26,000	2796	15	15	15	15	20	20	20	25
	28,000	3011	15	15	15	20	20	20	20	25
	30,000	3226	20	20	20	20	20	25	25	30

NOTE:

The horsepower selections are based on system external static pressure. One or more of the following must be added when applicable.

- A. Motor Operated Inlet Damper .13" W.C.
- B. V-Bank Filter Section .25" W.C.
- C. Discharge Louver .13" W.C.

SELECTION GUIDE

1. Determine the required amount of replacement air (CFM) by computing the total amount of air being exhausted. (Restaurants should be sized for 90% of exhaust air to minimize food odors.)
2. Determine the total external static pressure by adding the pressure drops through all accessories and ducts.
3. Select unit sizes and motor horsepower from table.

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			1/4" HP	3/8" HP	1/2" HP	3/4" HP	1" HP	1 1/4" HP	1 1/2" HP	2" HP
TMM 215	9000	2239	5	5	5	5	5	—	—	—
	9500	2363	5	5	5	5	7 1/2	7 1/2	—	—
	10,000	2488	5	5	5	7 1/2	7 1/2	7 1/2	7 1/2	—
	10,500	2612	5	5	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	—
	11,000	2736	5	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	10	10
	11,500	2861	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	10	10	10
	12,000	2985	7 1/2	7 1/2	7 1/2	7 1/2	10	10	10	15
TMM 218	12,500	2178	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	—	—	—
	13,000	2265	7 1/2	7 1/2	7 1/2	7 1/2	10	10	—	—
	14,000	2439	7 1/2	7 1/2	7 1/2	10	10	10	15	—
	15,000	2613	7 1/2	10	10	10	10	15	15	15
	16,000	2787	10	10	10	10	15	15	15	15
	17,000	2962	10	10	10	15	15	15	15	20
TMM 220	18,000	2143	7 1/2	10	10	10	15	15	15	—
	19,000	2262	10	10	10	10	15	15	15	—
	20,000	2381	10	10	10	15	15	15	15	20
	21,000	2500	10	15	15	15	15	15	20	20
	22,000	2619	15	15	15	15	15	15	20	20
	23,000	2738	15	15	15	15	15	20	20	20
	24,000	2857	15	15	15	15	20	20	20	25
	25,000	2976	15	15	15	20	20	20	20	25
	26,000	3095	15	20	20	20	20	20	25	25
TMM 222	25,000	2451	15	15	15	15	20	20	20	25
	26,000	2549	15	15	15	20	20	20	20	25
	27,000	2647	15	15	15	20	20	20	25	25
	28,000	2745	15	20	20	20	20	25	25	30
	29,000	2843	20	20	20	20	25	25	25	30
	30,000	2941	20	20	20	20	25	25	25	30
	31,000	3039	20	20	20	25	25	25	30	30
TMM 225	30,000	2235	15	15	15	15	20	20	—	—
	32,000	2385	15	15	15	20	20	25	25	—
	34,000	2534	15	20	20	20	20	25	25	30
	36,000	2683	20	20	20	20	25	25	30	30
	38,000	2832	20	20	20	25	25	30	30	40
	40,000	2981	20	25	25	25	30	30	30	40
	42,000	3130	25	25	25	30	30	30	40	40
	44,000	3279	25	30	30	30	40	40	40	40
	46,000	3428	30	30	30	40	40	40	40	50
TMM 230	44,000	2366	20	20	20	25	25	30	—	—
	48,000	2581	20	25	25	25	30	30	40	—
	52,000	2796	25	25	30	30	40	40	40	50
	56,000	3011	30	30	30	40	40	40	40	50
	60,000	3226	40	40	40	40	40	50	50	50
	64,000	3441	40	40	40	50	50	50	50	60