

# Air Delivery Table

Single Blower Models										
Unit Model	SCFM	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
TMC 109	1600	1915	1	1	1	1	—	—	—	—
	1800	2155	1	1	1	1-1/2	1-1/2	1-1/2	—	—
	2000	2390	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	2	2	—
	2250	2690	1-1/2	1-1/2	1-1/2	2	2	2	2	3
	2500	2990	2	2	2	2	2	3	3	3
	2750	3290	2	2	2	3	3	3	3	3
	3000	3590	3	3	3	3	3	3	5	5
TMC 112	3250	2255	1-1/2	2	2	2	3	3	3	3
	3500	2430	2	2	2	3	3	3	3	5
	3750	2605	2	2	3	3	3	3	3	5
	4000	2775	3	3	3	3	3	3	5	5
	4250	2950	3	3	3	3	3	5	5	5
TMC 115	4500	2240	2	2	3	3	3	3	5	—
	5000	2485	3	3	3	3	3	5	5	5
	5500	2735	3	3	3	5	5	5	5	5
	6000	2985	5	5	5	5	5	5	5	7-1/2
TMC 118	6500	2265	3	5	5	5	5	5	5	7-1/2
	7000	2440	5	5	5	5	5	5	7-1/2	7-1/2
	7500	2615	5	5	5	5	5	7-1/2	7-1/2	7-1/2
	8000	2785	5	5	5	7-1/2	7-1/2	7-1/2	7-1/2	7-1/2
	8500	2960	5	5	7-1/2	7-1/2	7-1/2	7-1/2	7-1/2	10
TMC 120	9000	2145	5	5	5	5	7-1/2	7-1/2	7-1/2	—
	9500	2260	5	5	5	7-1/2	7-1/2	7-1/2	7-1/2	—
	10,000	2380	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	2620	7-1/2	7-1/2	7-1/2	7-1/2	7-1/2	10	10	10
TMC 122	11,000	2155	5	7-1/2	7-1/2	7-1/2	7-1/2	7-1/2	10	—
	12,000	2355	7-1/2	7-1/2	7-1/2	7-1/2	7-1/2	10	10	15
	13,000	2550	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	2940	10	10	10	10	15	15	15	15
TMC 125	14,000	2085	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	10	15	—
	18,000	2685	10	10	10	10	15	15	15	15
	20,000	2980	10	15	15	15	15	15	20	20
TMC 130	22,000	2365	10	10	10	15	15	15	15	—
	24,000	2580	10	15	15	15	15	15	20	20
	26,000	2795	15	15	15	15	20	20	20	25
	28,000	3010	15	15	15	20	20	20	20	25
	30,000	3225	20	20	20	20	20	25	25	30

**NOTE:**

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

- A. Fresh Air Inlet Hood & Birdscreen .13" W.C.
- B. Fresh Air Inlet Hood with Filters .25" W.C.
- C. Motor Operated Inlet Damper .13" W.C.
- D. Motor Operated Discharge Damper .50" W.C.
- E. V-Bank Filter Section .25" W.C.
- F. 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 size and motor horsepower from table.

# Air Delivery Table

Twin Blower Models										
Unit Model	SCFM	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
TMC 215	9000	2240	5	5	5	5	7-1/2	—	—	—
	9500	2365	5	5	5	5	7-1/2	7-1/2	—	—
	10,000	2485	5	5	5	7-1/2	7-1/2	7-1/2	7-1/2	—
	10,500	2610	5	5	7-1/2	7-1/2	7-1/2	7-1/2	7-1/2	—
	11,000	2735	7-1/2	7-1/2	7-1/2	7-1/2	7-1/2	7-1/2	10	10
	11,500	2860	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
TMC 218	12,500	2175	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	—	—	—
	14,000	2440	7-1/2	7-1/2	7-1/2	10	10	10	15	—
	15,000	2615	7-1/2	10	10	10	10	15	15	15
	16,000	2785	10	10	10	10	15	15	15	15
	17,000	2960	10	10	10	15	15	15	15	20
TMC 220	18,000	2140	7-1/2	10	10	10	15	15	15	—
	19,000	2260	10	10	10	10	15	15	15	—
	20,000	2380	10	10	10	15	15	15	15	20
	21,000	2500	10	15	15	15	15	15	20	20
	22,000	2620	15	15	15	15	15	20	20	20
	23,000	2740	15	15	15	15	15	20	20	20
	24,000	2860	15	15	15	15	20	20	20	25
	25,000	2980	15	15	15	20	20	20	20	25
	26,000	3100	15	20	20	20	20	20	25	25
TMC 222	25,000	2450	15	15	15	15	20	20	20	25
	26,000	2550	15	15	15	20	20	20	20	25
	27,000	2650	15	15	15	20	20	20	25	25
	28,000	2750	15	20	20	20	20	25	25	30
	29,000	2850	20	20	20	20	25	25	25	30
	30,000	2950	20	20	20	20	25	25	25	30
	31,000	3040	20	20	20	25	25	25	30	30
TMC 225	30,000	2235	15	15	15	15	20	20	—	—
	32,000	2385	15	15	15	20	20	20	25	—
	34,000	2535	15	20	20	20	20	25	25	30
	36,000	2685	20	20	20	20	25	25	30	30
	38,000	2835	20	20	20	25	25	30	30	40
	40,000	2980	20	25	25	25	30	30	30	40
	42,000	3130	25	25	25	30	30	40	40	40
	44,000	3280	25	30	30	30	40	40	40	40
	46,000	3430	30	30	30	40	40	40	40	50
TMC 230	44,000	2365	20	20	20	25	25	30	—	—
	48,000	2580	20	25	25	25	30	30	40	—
	52,000	2800	25	25	30	30	40	40	40	50
	56,000	3010	30	30	30	40	40	40	40	50
	60,000	3225	40	40	40	40	40	50	50	50
	64,000	3440	40	40	40	50	50	50	50	60
TMC 233	60,000	2490	30	30	30	40	40	40	50	—
	65,000	2695	40	40	40	40	40	50	50	60
	70,000	2905	40	40	40	50	50	50	60	60
	75,000	3110	50	50	50	50	60	60	60	75
TMC 240	70,000	2305	30	30	40	40	40	50	50	60
	75,000	2470	40	40	40	40	50	50	60	60
	80,000	2635	40	40	40	50	50	60	60	75
	85,000	2795	40	50	50	50	60	60	60	75
	90,000	2960	50	50	50	60	60	60	75	75
	95,000	3125	50	60	60	60	75	75	75	100
	100,000	3290	60	60	60	75	75	75	100	100