

Air Flow Factors

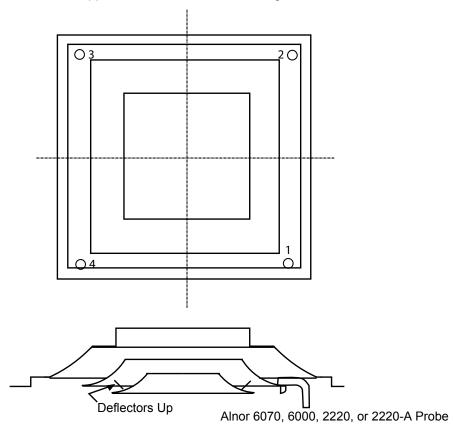
Model: TMSA

Air Flow Measurements:

- 1. Place the probe in the four positions indicated in the diagram shown.
- 2. Record and average the four velocity readings.
- 3. Calculate the flow rate using the following equation.

Flow Rate: CFM = Factor x Average Velocity (FPM)

Note: Select and use the applicable factor from the following table.



TMSA Air Flow Factors

| 12 x 12-inch Face | |
|-----------------------|--------|
| Neck Diameter Size | Factor |
| 4-inch | 0.08 |
| 5-inch | 0.12 |
| 6-inch | 0.18 |
| 7-inch | 0.21 |
| 8-inch | 0.31 |

| 24 x 24-inch Face | |
|-----------------------|--------|
| Neck Diameter Size | Factor |
| 8-inch | 0.31 |
| 10-inch | 0.49 |
| 12-inch | 0.71 |
| 14-inch | 0.96 |
| 15-inch | 1.1 |



Note: Refer to the Air Balancing Application Guide for more information about balancing air systems.