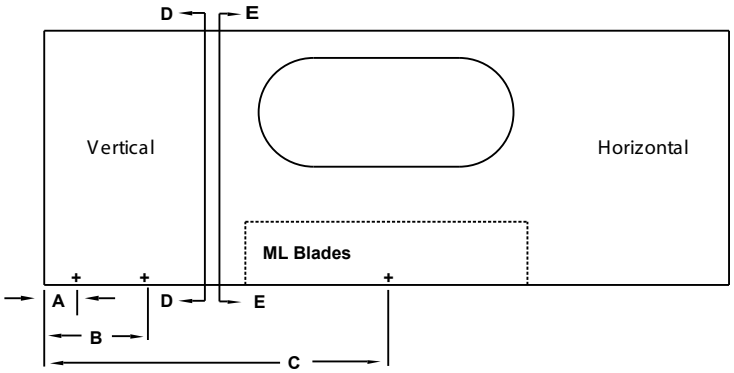
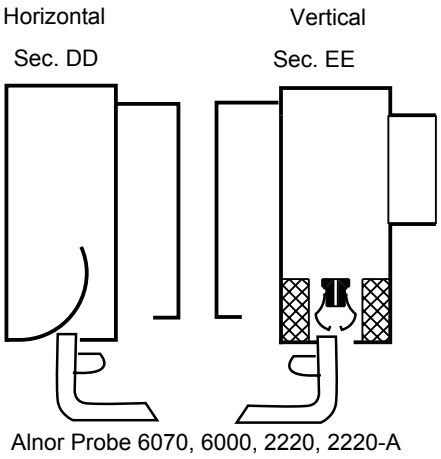
Model: N-1-DR

Air Flow Measurements:

1. Place the anemometer probe at the locations indicated by a '+' in the slot.
2. Record and average t he velocity readings.
3. Calculate flow rate using the following equation.
   Flow Rate: CFM = Factor x Average Velocity
4. Calculate the total CFM (sum of the slot's airflow).
   Total CFM = Horizontal CFM + Vertical CFM
   Note: The airflow readings are taken at points 'A' and 'B' on both ends of the diffuser.





Alnor Probe 6070, 6000, 2220, 2220-A

N-1-DR Air Flow Factors

Model	Dimensions (inches)			Horizontal A_K	Vertical A_K
	A	B	C		
N124D-8	1	6	12	0.066	0.032
N136D-12	1	9	18	0.100	0.048
N136D-15	1	9	18	0.087	0.060
N136D-18	1	9	18	0.075	0.072
N148D-12	1	12	24	0.150	0.048
N148D-15	1	12	24	0.138	0.060
N148D-18	1	12	24	0.125	0.072
N160D-12	1	15	30	0.200	0.048
N160D-15	1	15	30	0.187	0.060
N160D-18	1	15	30	0.175	0.072

Example:

1. $\frac{A + A + B + B}{4}$ x Horizontal A_K = Horizontal Airflow
2. C x Vertical A_K = Vertical Airflow
3. Horizontal Airflow + Vertical Airflow = Total Airflow

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

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