

Air Flow Factors

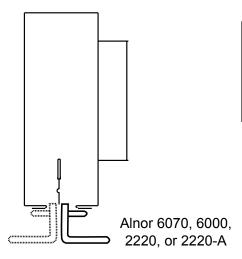
Models: TBD-80 or TBDI-80

Airflow Measurements Procedure

- 1. Place the Alnor probe in position as shown.
- 2. Record and average all velocity readings over the length of slot.
- 3. Calculate airflow using the flow rate equation.

Flow Rate: CFM = Average Velocity (FPM) x Number of Slots X Factor x Slot Length

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



TBD-80 and TBDI-80 Factors

Slot (inches)	Factor
1/2	0.035
3/4	0.037
1	0.041
1 1/4	0.048
1 1/2	0.54

Note: Factor equals Ft²/Ft length of slot.



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