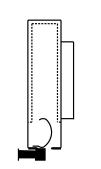


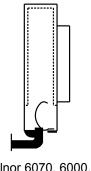
Models: TBD-10 and TBDI-10

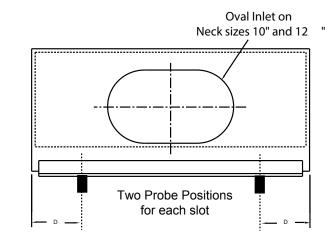
Airflow Measurements Procedure

- 1. Place the anemometer probe in each location as shown and record the readings for each slot.
- 2. Average the velocity readings for the diffuser.
- 3. Calculate flow rate using the following equation.
 - Flow Rate: CFM = Factor x Average Velocity (FPM)

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







TSI-1650 or AFD TA-3000

Alnor 6070, 6000, 2220, or 2220-A

TBD-10 or TBDI-10 K-Factors	
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Model	Nominal	Number of	Probe	Anemometer Flow Factors		
Model	Length	Slots	Position D	Alnor	TSI 1650	AFD TA-3000
TBD-10 or TBDI-10 with 1-inch S lot	24 Inches	1	9 inches	0.092	0.097	0.117
		2		0.184	0.194	0.234
	30 inches	1	9 inches	0.115	0.121	0.146
		2		0.230	0.243	0.292
	36 inches	1	9 inches	0.138	0.146	0.175
		2		0.276	0.291	0.351
	48 inches	1	12 inches	0.184	0.194	0.234
		2		0.368	0.388	0.468
	60 inches	1	12 inches	0.230	0.243	0.292
		2		0.460	0.486	0.585
	24 Inches	1	9 inches	0.138	0.146	0.175
	24 menes	4 inches 2 9 inch	9 menes	0.276	0.291	0.351
TBD-10	30 inches	1	9 inches	0.173	0.183	0.220
or		2	9 menes	0.345	0.364	0.439
TBDI-10 with 1 1/2-inch S lot	36 inches	1	9 inches	0.207	0.219	0.263
		2		0.414	0.437	0.526
	48 inches	1	12 inches	0.276	0.291	0.351
		2		0.552	0.583	0.702
	60 inches	1	12 inches	0.345	0.364	0.439
		2		0.690	0.728	0.877



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

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