

Air Flow Factors

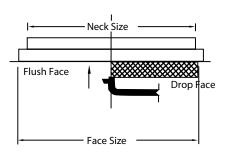
Models: PAR and PDR

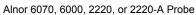
Air Flow Measurements:

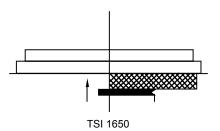
- 1. Place probe against face as shown.
- 2. Record the velocity.
- 3. Calculate the flow rate using the following equation.

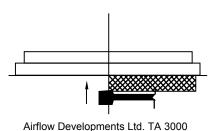
Flow Rate: CFM = Factor x Velocity (FPM)

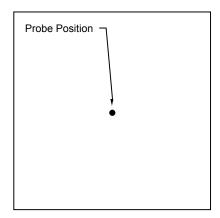
Note: Select and use the applicable factor from the following table.











PAR and PDR Air Flow Factors

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Face Size	Neck Size	Flow Factors for Anemometers Listed		
(inches)	(inches)	Alnor	TSI 1650	AFD TA-3000
12 x 12	10 x 10	0.315	0.315	0.315
16 x 16	14 x 14	0.70	0.70	0.70
24 x 12	22 x 10	0.78	0.78	0.78
20 x 20	18 x 18	1.17	1.17	1.17
24 x 24	22 x 22	1.73	1.73	1.73

AFD equals Airflow Developments Ltd.



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