

Airflow Ranges (Velocity Wing™ Sensor)

Type	Direct Digital		Analog Electronic		Pneumatic	
Controller	SimplyVAV / Conquest		Model 51		Model 31	
Inlet Size	Min Airflow	Max Airflow	Min Airflow	Max Airflow	Min Airflow	Max Airflow
5" Ø	100	350	100	305	100	287
6" Ø	100	575	100	470	100	469
7" Ø	200	750	200	635	200	612
8" Ø	200	1050	200	835	200	867
9" Ø	300	1350	300	1100	300	1098
10" Ø	300	1650	300	1355	300	1353
12" Ø	400	2200	400	1740	400	1802
14" Ø	428	3000	400	2300	428	2469

Notes:

1. Minimum and maximum values shown are CFM
2. Minimum and maximum airflow with pressure independent controls based on the following flow sensor signals:
 Model 51 Controller - 1 VDC – 10 VDC
 Model 31 Controller - 0.03" w.g. – 1.0" w.g.
 Simply VAV / Conquest Controllers - 0.025" w.g. – 1.5" w.g.
3. Settings below the minimum are not recommended for accurate control when using pressure independent controls. Minimum airflow for pressure dependent applications is 0 cfm.
4. Pressure independent controls may be set for 0 CFM, at or above the minimum airflow shown in table 4, but not between.
5. Model 31 controller can be used either as direct or reverse acting for normally open or normally closed damper positions. Field adjustable start point and reset span.
6. Models 31 controllers equipped with separate adjustable knobs for maximum and minimum airflow settings.
7. Model 51 electronic analog controller maximum and minimum airflow settings field adjustable at the thermostat.
8. Airflow rates above maximum shown are available. Contact your Anemostat representative for application assistance.