Airflow Ranges

Total Sensing • **H Range** • Model DU-1/DU-1R/DU-2

Type	Direct Digital		Analog Electronic		Pneumatic	
Controller	SimplyVAV / Conquest		Model 51		Model 31	
Casing Size	Min Airflow (CFM)	Max Airflow (CFM)	Min Airflow (CFM)	Max Airflow (CFM)	Min Airflow (CFM)	Max Airflow (CFM)
A	105	815	69	665	115	665
B	170	1335	113	1090	189	1090
C	280	2170	183	1770	307	1770
D	380	2940	248	2400	416	2400
E	425	3280	277	2680	464	2680
F	740	5720	483	4670	809	4670

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.

Airflow Ranges

Total Sensing • **S Range** • Model DU-1/DU-1R/DU-2

Type	Direct Digital		Analog Electronic		Pneumatic	
Controller	SimplyVAV / Conquest		Model 51		Model 31	
Casing Size	Min Airflow (CFM)	Max Airflow (CFM)	Min Airflow (CFM)	Max Airflow (CFM)	Min Airflow (CFM)	Max Airflow (CFM)
A	55	445	38	364	63	364
B	100	750	63	610	106	610
C	140	1100	92	885	153	885
D	230	1800	152	1470	255	1470
E	260	2030	172	1660	288	1660
F	435	3350	285	2750	476	2750

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.
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