

## Airflow Ranges

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

Type	Direct Digital		Analog Electronic		Pneumatic		Pneumatic	
Controller	Model ABC-7001/3		Model 51		Models 23, 24		Model 31	
Casing Size	Min Airflow (CFM)	Max Airflow (CFM)	Min Airflow (CFM)	Max Airflow (CFM)	Min Airflow (CFM)	Max Airflow (CFM)	Min Airflow (CFM)	Max Airflow (CFM)
A	115	580	69	665	133	665	115	665
B	189	951	113	1090	218	1090	189	1090
C	307	1545	183	1770	354	1770	307	1770
D	416	2095	248	2400	480	2400	416	2400
E	464	2339	277	2680	536	2680	464	2680
F	809	4077	483	4670	934	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.  
 Models 23, 24 Controllers - 0.04" w.g. – 1.0" w.g.  
 Models ABC-7001, 7003 Controllers - 0.03" w.g. – 0.76" 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 23 controller available as direct acting for normally open or model 24 controller available as reverse acting for normally closed damper positions. Factory set non-field adjustable start point and reset span.
6. 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.
7. Models 23, 24, 31 controllers equipped with separate adjustable knobs for maximum and minimum airflow settings.
8. Model 51 electronic analog controller maximum and minimum airflow settings field adjustable at the thermostat.
9. Models ABC-7001, 7003 BACnet DDC controllers are factory programmed.
10. Airflow rates above maximum shown are available. Contact your Anemostat representative for application assistance.

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A	63	318	38	364	73	364	63	364
B	106	532	63	610	122	610	106	610
C	153	773	92	885	177	885	153	885
D	255	1283	152	1470	294	1470	255	1470
E	288	1449	172	1660	332	1660	288	1660
F	476	2401	285	2750	550	2750	476	2750

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