



AccuValve Selection Matrix



The Innovative AccuValve Delivers...

- Exceptionally low pressure drop
- Precise "true" airflow measurement
- No duct straight run requirements
- Linear control response
- High accuracy and turndown
- Can be mounted in any position
- ASHRAE Standard 90.1 compliant "ready"
- Intuitive graphical user interface
- Optional BACnet® MS/TP communication
- Optional Bluetooth configuration

Plus, the AccuValve AVC features...

- Electronic Pressure Independence
- Native BACnet® MS/TP



Manufactured in the USA.

Application	High Speed		Standard Speed		CAV
	AVC6000	AVT6000	AVC4000	AVT4000	AVC2000
University / Institutional					
Wet lab	✓	✓			
Research	✓	✓			
Teaching lab	✓	✓			
Vivarium spaces	✓	✓	✓	✓	✓
Support areas	✓	✓	✓	✓	✓
Common area / Offices / Other	✓	✓	✓	✓	✓
Healthcare					
Operating rooms	✓	✓	✓	✓	
Isolation rooms	✓	✓	✓	✓	
Patient care (critical, nursing)	✓	✓	✓	✓	
Pharmacy	✓	✓			
Common area / Offices / Other	✓	✓	✓	✓	✓
Offices / other with tracking pair	✓	✓	✓	✓	✓
Pharmaceutical					
Wet chemical research	✓	✓			
Vivarium spaces	✓	✓	✓	✓	✓
Pharmaceutical clean rooms	✓	✓			
Support areas	✓	✓	✓	✓	✓
Common area / Offices / Other	✓	✓	✓	✓	✓
Government					
Wet lab	✓	✓			
Research	✓	✓			
Vivarium spaces	✓	✓	✓	✓	✓
Support areas	✓	✓	✓	✓	✓
Common area / Offices / Other	✓	✓	✓	✓	✓
Petro					
Wet lab	✓	✓			
Research	✓	✓			
Support areas	✓	✓	✓	✓	✓
Common area / Offices / Other	✓	✓	✓	✓	✓

	AVC6000	AVT6000	AVC4000	AVT4000	AVC2000
Application type	High speed	High speed	Standard speed	Standard speed	Standard speed
Integrated valve components	Airflow controller	Transmitter & Actuator	Airflow controller	Transmitter & Actuator	CAV Airflow controller
Features					
Low pressure drop	✓	✓	✓	✓	✓
No straight run requirement	✓	✓	✓	✓	✓
True airflow measurement for feedback	✓	✓	✓	✓	✓
Linear control response	✓	✓	✓	✓	✓
High accuracy and turndown	✓	✓	✓	✓	✓
Not position sensitive	✓	✓	✓	✓	✓
No scheduled maintenance	✓	✓	✓	✓	✓
Includes Insight configuration software	✓	✓	✓	✓	✓
USB isolated "C" type com port	✓	✓	✓	✓	✓
Optional flanges	✓	✓	✓	✓	✓
Optional insulation	✓	✓	✓	✓	✓
Optional tight shut-off	✓	✓	✓	✓	✓
Power switch (allows configuration with no power)	✓	✓			
Wireless bluetooth configuration option	✓	✓	✓	✓	
AccuNet capable	✓	✓			
BACnet® MS/TP	standard	optional	standard	optional	
Analog inputs	3		1		
Two digital inputs	✓		✓		✓
Analog outputs	2	1	1	1	1
Alarm relay outputs	✓				
Fume hood control mode	✓				
Compatible with Accutrol remote monitors	✓	✓			
Warranty					
5-year	✓	✓	✓	✓	✓
Valve Sizes (in inches)					
Round valve sizes – 6, 8, 10, 12, 14	✓	✓	✓	✓	✓
Rectangular valve sizes – 12x18, 12x24	✓	✓	✓	✓	✓
Rectangular valve sizes – 12x36, 12x48	✓	✓			
Valve Material Types					
Aluminum	✓	✓	✓	✓	✓
304 stainless steel	✓	✓	✓	✓	✓
316 stainless steel	✓	✓			
High temperature stainless steel	✓	✓			
PFA coated stainless steel	✓	✓			
Actuator Types					
Belimo, 2-sec full stroke, FLP, <1-sec ctrl. response	✓	✓			
Belimo, 2-sec full stroke, FSP, <1-sec ctrl. response	✓	✓			
Accutrol, 10-sec full stroke, FLP, <1-sec ctrl. response			✓	✓	✓
Replaces Valve Model					
Previous Valve Model	AVC5000	AV3000,AVT3000	H-AVC5000	H-AV3000,H-AVT3000	AVC5000