



# Advanced Tools Smart Solutions

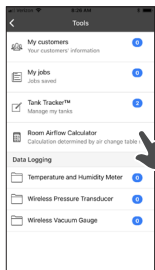


**4" Valve**  
(100 mm)

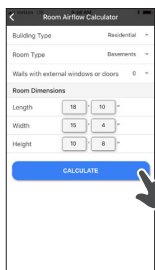
**5" Valve**  
(125 mm)

**6" Valve**  
(150 mm)

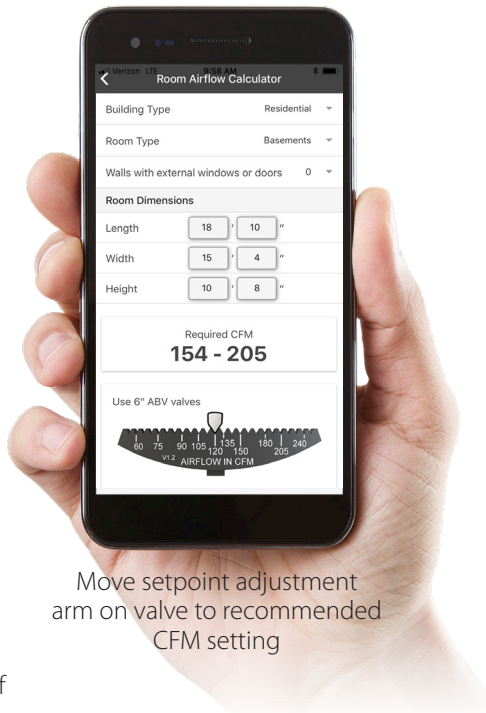
## Convenient Room Airflow Calculator



Select Room  
Airflow Calculator



Enter Room Type, number of walls with exterior windows or doors, room dimensions and then touch calculate



Move setpoint adjustment  
arm on valve to recommended  
CFM setting

## ABMHBK & ABMHBV SERIES Home Balancing Valves

Traditional airflow balancing devices cannot respond to system changes. Too much ventilation means wasted energy, while too little ventilation leads to poor air quality.

CPS Home Balancing Valves are designed to maintain a constant, accurate airflow volume when installed in residential forced air ductwork.

Each Home Balancing Valve has an engineered damper calibrated to automatically adjust to varying pressures, which gives the airflow valves true pressure independence. This leads to greater comfort, saves energy and improves indoor air quality.

### FEATURES

- Eliminates hot/cold areas in your home
- Provides greater comfort
- Reduces energy use
- Improves indoor air quality
- Easy to set airflow volumes
- Available in single or 10 pack kit

### APPLICATIONS

- Precise airflow regulation in forced air ventilation systems in residential homes
- Automatic balancing of supply grilles in residential forced air heating and cooling systems
- Any HVAC application with a static pressure between 0.2 and 2.0 inches w.c.
- For temperatures ranging from 25° to 150°F (-4° to 65°C)

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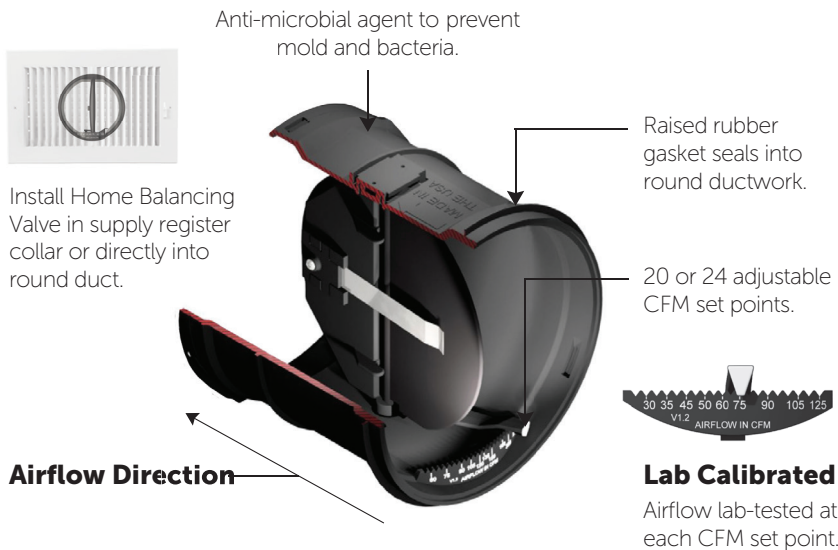




# ABMHBK & ABMHBV SERIES

## Home Balancing Valves

Home Balancing Valves constrain airflow to precise factory calibrated volumes as marked on the front of the valve.



### 10 Pack Boxes



**ABMHBK410**  
Home Balancing Valve Kit  
(4" Balancing Valves)  
10 valves per box

**ABMHBK510**  
Home Balancing Valve Kit  
(5" Balancing Valves)  
10 valves per box

**ABMHBK610**  
Home Balancing Valve Kit  
(6" Balancing Valves)  
10 valves per box

### Single Pack Boxes



**ABMHBV4**  
Home Balancing Valve  
(4" Balancing Valves)  
1 valve per box

**ABMHBV5**  
Home Balancing Valve  
(5" Balancing Valves)  
1 valve per box

**ABMHBV6**  
Home Balancing Valve  
(6" Balancing Valves)  
1 valve per box



**Lab Calibrated**  
Airflow lab-tested at each CFM set point.

### Specifications

#### 4" Valve

#### 5" Valve

#### 6" Valve

Outside Diameter (Rubber Gasket)	3.8" (97mm)	4.8" (122mm)	5.7" (149 mm)
Height	3.5" (88mm)	3.8" (122mm)	5.2" (134mm)
Weight (One Valve)	.203 Lb (90g)	.437 lb (200g)	.609 Lb (280g)
Number of Unique Set Points (CFM)	20	20	24
Airflow Range (CFM)	25-130 CFM	25-130 CFM	50-275 CFM
Airflow Lab Tested at Each Set Point	Yes		
Airflow Accuracy Range	±10% within 0.2" to 1.0		
Temperature Range (Suitable Applications)	25F to 150F (-4C to 65C)		
Static Pressure Range	0.2 to 2.0 Inches w.c.		
Rubber Gasket (Insertion Into Round Duct)	Reversible - Use on either end		
Blade Damper for Quiet Operation	Yes		
Anti-Microbial	Yes		
UL Tested & Classified	UL 2043		
Warranty	1 Year		

	Product	L x W x H	Weight	Qty	Bar Code
10 Pack	ABMHBK410	12" x 7.75" x 8" 30.5 x 19.7 x 21.9 cm	2.70 Lb 1.22 kg	10	750377116759
	ABMHBK510	15.37" x 9.75" x 8.62" 39.0 x 24.8 x 21.9 cm	5.37 Lb 2.43 kg	10	750377116766
	ABMHBK610	15.37" x 9.75" x 8.62" 39.0 x 24.8 x 21.9 cm	7.75 Lb 3.51 kg	10	750377116773
Single Pack	ABMHBV4	4.3" x 4.3" x 3.6" 11 x 11 x 9 cm	.28 Lb .127 kg	1	750377116780
	ABMHBV5	5" x 5" x 4" 13 X 13 X 10 cm	.53 Lb 24.0 kg	1	750377116797
	ABMHBV6	6.3" x 6.3" x 5.3"	.78 Lb	1	750377116803

Download App Now



CPSLink  
(US Patent # 1,043,161)



Version 4.3 or higher

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