

# Advanced Tools Smart Solutions

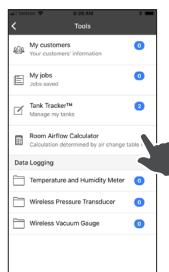


**4" Valve**  
(100 mm)

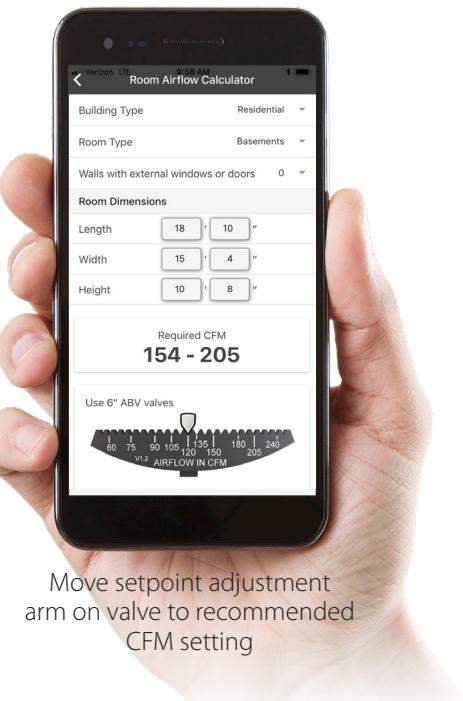
**5" Valve**  
(125 mm)

**6" Valve**  
(150 mm)

## Convenient Room Airflow Calculator

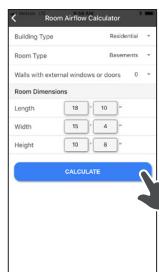


Select Room  
Airflow Calculator



Move setpoint adjustment  
arm on valve to recommended  
CFM setting

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



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



### 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
	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
	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
Single Pack	ABMHBV4	4.3" x 4.3" x 3.6" 11 x 11 x 9 cm	.28 Lb .127 kg	1
	ABMHBV5	5" x 5" x 4" 13 X 13 X 10 cm	.53 Lb 24.0 kg	1
ABMHRV6				
	6.3" x 6.3" x 5.3"	.78 Lb	1	750377116802

Download App Now



CPS Link  
(US Patent # 1,043,161)



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Version 4.3 or higher