



HEATING & AIR CONDITIONING



## Coleman® Echelon™ Series Air Handlers

AVV, AVC, MVC MODELS WITH  
VARIABLE-SPEED BLOWER MOTOR







# The strong, silent type

For over 100 years, the Coleman® name has been synonymous with rugged reliability and world-renowned quality. Our line of heating and cooling solutions is no different. Since 1958, Coleman® HVAC has provided world-class home comfort systems that stand the test of time. With design, engineering and assembly in the United States, you can count on our line of Echelon® air handling units to do the same. It's what has made Coleman® HVAC a preferred choice of contractors and homeowners for generations.

## Coleman® Echelon™ Series Variable Speed Air Handling Units

- **High-efficiency blower** with an advanced, variable-speed ECM motor uses up to 80% less electricity to make the blower run versus models that use a constant-speed blower.
- **Save more energy with 2%-or-less leakage** with a cabinet that meets strict requirements against air infiltration.
- **Advanced single-piece or modular units** provide a perfect match for the application to ensure quiet, efficient operation.
- **Reduce allergens with filter** and indoor-air-quality options that keep your home cleaner and healthier.
- **Efficient heat transfer** with MaxAlloy™ aluminum coil in single-piece units to provide effective airflow and heat transfer.
- **Communicates to improve the whole system** with easy connection to our smart Residential Communicating Control.
- **Hygienic positive-slope drain pan** removes coil condensate to ensure healthy indoor air.
- **Flexible models** are available that use conventional as well as communicating controls.
- **EcoTrak™ comfort system** provides customizable settings for different climate regions.





## Rugged reliability



### Proven performance

More than 250,000 hours of system research, five years of accelerated field testing and extreme weather testing from +140°F to -10°F ensure reliable performance for years to come.



### Quality backing

Tried-and-true quality control and assembly processes backed by the manufacturing expertise of Johnson Controls and the iconic Coleman® HVAC name.



### Improved efficiency

Matched components use less energy without impacting performance.



### Space and budget friendly

Small-footprint cabinets deliver big performance to meet your space and budget needs.



### Environmentally safe

We use R-410A, a refrigerant that doesn't deplete the ozone layer, to ensure your system is safe for the environment.



### Installation excellence

Our skilled contractors are trained to deliver high-quality custom comfort solutions with performance you can trust.

# Quality is home grown



Coleman® Echelon™ Variable Speed Air Handlers are designed, engineered and assembled in the United States, where we closely monitor and improve processes that directly affect quality. That's why, when it comes to home comfort, you can rely on the legendary quality of Coleman® HVAC.

## AVV-Variable Speed Air Handler with Factory Mounted EEV

MODEL	TONS	NOMINAL CFM	DIMENSIONS (INCHES)			
			H	W	D (CASING)	D (W/DOORS)
AVV25BE121	2.0	800	47-1/2	17-1/2	20-1/2	21-1/2
AVV37BE221	3.0	1,200	47-1/2	17-1/2	20-1/2	21-1/2
AVV37CE221	3.0	1,200	51-1/2	21	20-1/2	21-1/2
AVV38BE221	3.0	1,200	51-1/2	17-1/2	20-1/2	21-1/2
AVV38CE221	3.0	1,200	55-3/4	17-1/2	20-1/2	21-1/2
AVV49CE321	4.0	1,600	55-3/4	17-1/2	20-1/2	21-1/2
AVV49DE321	4.0	1,600	55-1/2	24-1/2	20-1/2	21-1/2
AVV50CE321	4.0	1,600	60	21	20-1/2	21-1/2
AVV50DE321	4.0	1,600	60	24-1/2	20-1/2	21-1/2
AVV61CE421	5.0	1,800	60	21	20-1/2	21-1/2
AVV61DE421	5.0	1,800	60	24-1/2	20-1/2	21-1/2

## Echelon™ Series Air Handling Units





\* 10 year parts limited warranty requires online registration within 90 days of installation. Otherwise, the warranty reverts to the standard 5-year parts limited warranty.

## AVC, MVC – Variable Speed Air Handling Units 208/230-1-60

MODEL	NOMINAL CAPACITY (TONS)*	NOMINAL CFM	ELECTRIC AVAILABLE (KW)	DIMENSIONS (INCHES)				SUPPLY PLENUM (INCHES)	FILTER (INCHES)	SHIPPING/ OPERATING WEIGHT (LBS)
				H	W	D (CASING)	D (W/ DOORS)			
AVC18B21	1.5	600	2, 5, 8, 10	41	17-1/2	20-1/2	21-1/2	12-3/16 x 16-1/2	16 x 20 x 1	91/85
AVC24B21	2	800	2, 5, 8, 10, 13	41	17-1/2	20-1/2	21-1/2	12-3/16 x 16-1/2	16 x 20 x 1	93/87
AVC30B21	2.5	1000	2, 5, 8, 10, 13, 15	47-1/2	17-1/2	20-1/2	21-1/2	12-3/16 x 16-1/2	16 x 20 x 1	119/113
AVC36B21	3	1200	2, 5, 8, 10, 13, 15, 18, 20	47-1/2	17-1/2	20-1/2	21-1/2	12-3/16 x 16-1/2	16 x 20 x 1	119/113
AVC36C21	3	1200	2, 5, 8, 10, 13, 15, 18, 20	51-1/2	21	20-1/2	21-1/2	12-3/16 x 20	20 x 20 x 1	120/114
AVC42C21	3.5	1400	2, 5, 8, 10, 13, 15, 18, 20	51-1/2	21	20-1/2	21-1/2	12-3/16 x 20	20 x 20 x 1	144/136
AVC48C21	4	1525	2, 5, 8, 10, 13, 15, 18, 20	51-1/2	21	20-1/2	21-1/2	12-3/16 x 20	20 x 20 x 1	158/150
AVC48D21	4	1750	2, 5, 8, 10, 13, 15, 18, 20, 25	55-3/4	21	20-1/2	21-1/2	12-3/16 x 23-1/2	22 x 20 x 1	163/153
AVC60C21	5	1600	2, 5, 8, 10, 13, 15, 18, 20	55-1/2	24-1/2	20-1/2	21-1/2	12-3/16 x 20	20 x 20 x 1	156/146
AVC60D21	5	1800	2, 5, 8, 10, 13, 15, 18, 20, 25	55-1/2	24-1/2	20-1/2	21-1/2	12-3/16 x 23-1/2	22 x 20 x 1	180/170
MVC08BN21	2	800	2, 5, 8, 10, 13	21-1/2	17-1/2	20-1/2	21-1/2	12-3/16 x 16-1/2	16 x 20 x 1	52/51
MVC12BN21	3	1200	2, 5, 8, 10, 13, 15, 18, 20	21-1/2	17-1/2	20-1/2	21-1/2	12-3/16 x 16-1/2	16 x 20 x 1	52/51
MVC14DN21	3.5	1400	2, 5, 8, 10, 13, 15, 18	22-1/2	24-1/2	20-1/2	21-1/2	12-3/16 x 23-1/2	22 x 20 x 1	75/74
MVC16CN21	4	1600	2, 5, 8, 10, 13, 15, 18, 20	22-1/2	21	20-1/2	21-1/2	12-3/16 x 20	20 x 20 x 1	68/67
MVC20DN21	5	1800	2, 5, 8, 10, 13, 15, 18, 20, 25	22-1/2	24-1/2	20-1/2	21-1/2	12-3/16 x 23-1/2	22 x 20 x 1	75/74

Available with a wide range of Electric Heat Kits from 2 kW to 25 kW.



©2017 The Coleman Company, Inc., Coleman,  and  are registered trademarks of The Coleman Company, Inc., used under license. All rights reserved. Subject to change without notice. [www.Colemanac.com](http://www.Colemanac.com) Form PUBL-7702-B-0317. Supersedes: 7702-A-0715. Printed in the USA.

