



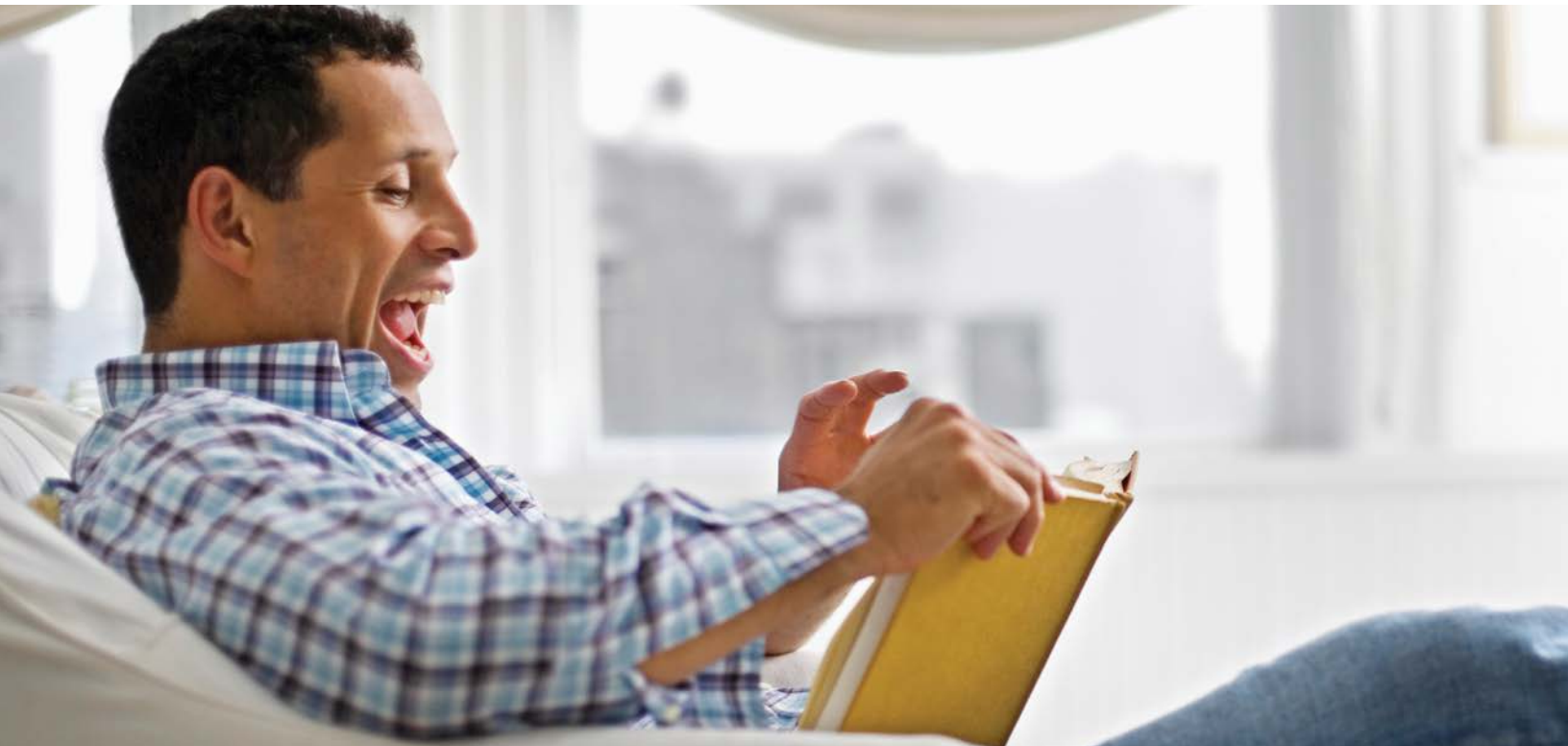
INSTALL CONFIDENCE



YORK® AFFINITY™ SERIES AIR HANDLERS

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





WHEN PERFORMANCE MATTERS

Since 1874, we've provided air quality solutions for some of the most complex structures in the world.

Today, we take pride in knowing YORK® home comfort systems are keeping our friends and neighbors comfortable in homes across the country. And since YORK® air handlers are designed, engineered and assembled in the United States, you can be confident a YORK® Affinity™ air handling unit will provide your family with comfort, energy savings and lasting performance for years to come.

YORK® AFFINITY™ 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 optional 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.
- **ClimaTrak™ comfort system** provides customizable settings for different climate regions.



TRUST IS BUILT IN.



System tested to be tough

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 that lasts.



Advanced manufacturing

State-of-the-art quality control and assembly processes built upon the manufacturing expertise of Johnson Controls.



Optimized efficiency

Matched components do more with less, which is why YORK® products fit perfectly in your home while delivering advanced levels of efficiency.



Space and budget friendly

Quiet, small-footprint cabinets deliver big performance with features that meet your needs and fit your budget.



Safe for the environment, inside and out

We use R-410A refrigerant, which doesn't harm the ozone and keeps your system safe and efficient.



Independent endorsements

YORK® residential products have earned the *Good Housekeeping* Seal of Approval.

QUALITY IS SOMETHING WE TAKE PERSONALLY



YORK® Affinity™ Variable Speed Air Handlers are designed, engineered and assembled in the United States, where we closely monitor and improve processes that directly affect quality. Because when it comes to home comfort, your confidence is our commitment.

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 |

Affinity™ 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.



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