



**11 EER**

**3.3 COP**

**Air Conditioners & Heat Pumps**

# Meet our next generation of Wall-Mount™ Solutions

Smart Engineering. Trusted Protection. Rugged Reliability.



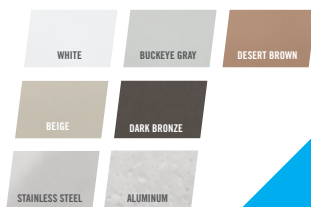
**Same fit.  
New technology.**



## Same fit. New technology.

- ▶ All models have the same supply and return openings as units from the past 50+ years – no need to cut new holes
- ▶ Great service access to the compressor and filter drier locations
- ▶ Easy access for cleaning the condenser coil
- ▶ Side and back electrical knockouts for easy installation
- ▶ Electric heat access with wire chase

### Color Options



**11 EER** **3.3 COP**

#### 3.5-4 TON

- 42.075-inches (W)
- 25.320-inches (D)
- 84.875-inches (H)
- (3" deeper than 10EER)

**11 EER** **3.3 COP**

#### 5 TON

- 42.075-inches (W)
- 25.320-inches (D)
- 93.000-inches (H)
- (3" deeper than 10EER)

**10 EER**

#### 6 TON

6 ton system is 10 EER per DOE mandate.

- 6 ton cooling capacity
- Center Control Panel
- No vent hood
- Dehumidification optional
- 42.075-inches (W), 25.320-inches (D), 93.000-inches (H) (now 3" deeper)

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#### 1.5-2 TON

- 33.300-inches (W), 17.125-inches (D), 74.563-inches (H)

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#### 2.5-3 TON

- 38.200-inches (W), 17.125-inches (D), 74.563-inches (H)

## W42AC-W72AC SERIES & W42HC-W60HC SERIES

3.5-6 TON // Wall-Mount Air Conditioners  
3.5-5 TON // Wall-Mount Heat Pumps

- Industrial grade center control panel and wiring
- No vent hood

## W18AB-W36AB SERIES & W18HB-W36HB SERIES

1.5-3 TON // Wall-Mount Air Conditioners and Heat Pumps

- Right and left hand access

**11 EER**

## W12AB SERIES

1 TON // Wall-Mount Air Conditioner

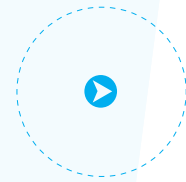
- 32.000-inches (W), 14.630-inches (D), 48.000-inches (H)



**Bard**

# Smart Engineering.

Bard is leading the industry from 11 EER and beyond. Quieter operation, healthier air quality, higher operating efficiencies and environmentally friendly solutions – we deliver ingenious simplified design with the most innovative technology inside. Meet our newest advanced technologies.



**STANDARD** on new 11 EER Wall-Mounts

## BALANCED CLIMATE™

### Benefits:

- Use of Patent Pending Balanced Climate™ feature removes up to 35% more humidity than any other standard or basic wall-mount unit on the market
- All units are shipped with a Y1/Y2 jumper
- Leave the jumper in place with a single stage thermostat and the system will function as a standard air conditioner
- Remove the jumper and utilize a 2-stage thermostat to activate Balanced Climate configuration, which allows for enhanced humidity removal and quieter startups
- Reduce humidity and significantly improve efficiency by allowing the occupant to raise the cooling temperature on the thermostat
- Low ambient kit recommended if used with ventilation systems
- Quieter and warmer start-up in heat pump



**STANDARD** on Wall-Mounts

## HYDROPHILIC EVAPORATOR COILS

### Benefits:

- Increases wettability, therefore increasing cascading effect
- Increases speed of drainage which helps prevent growth of mold and bacteria
- Can increase resistance to certain corrosives
- This feature was previously standard only on higher-end units, and is now standard on all units

Does not replace the need for fully coated coils in corrosive environments



**STANDARD** on new 11 EER Wall-Mounts

## NATURAL FIBER INSULATION

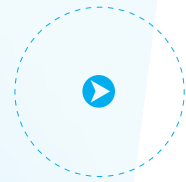
### Benefits:

- Fiberglass replaced by cotton insulation
- No fiberglass in airstream
- Earth-friendly manufacturing
- Cleaner and healthier environment for your team and ours

**Bard**

# Trusted Protection.

To learn more about our industry-leading features, send us an email at [sales@bardhvac.com](mailto:sales@bardhvac.com)



**STANDARD** on Wall-Mounts

## BRUSHLESS DC BLOWER MOTOR/ECM

### Benefits:

- Electronically Commutated Blower Motor allows extremely efficient motor run with continuous fan
- Continuous blower option constantly filters the air for better air quality and balances room temperature
- Quieter blower operation



**OPTIONAL** on new 11 EER Wall-Mounts

## DEHUMIDIFICATION UNIT ENHANCEMENTS

### Benefits:

- All new 11 EER WA and WH Series Dehumidification units equipped with Electronic Expansion Valve (EEV) for metering and low pressure transducer for pressure monitoring
- Significantly improves and balances superheat calibration by constantly adjusting the refrigerant flow
- Reduces warm/cold temp swings
- Soft-shift technology is quieter, making transition to dehumidification mode more comfortable



**OPTIONAL** on new 11 EER Wall-Mounts

## LOW LEAKAGE DESIGN

### Benefits of CRV:

- Commercial Room Ventilation (CRV) available in Fixed and Modulating (the 1.5-3 ton Modulating CRV's even meet the stringent 4CFM low leakage certification level)
- Meets or exceeds all code requirements in a cost effective manner

### Benefits of Fresh Air Damper:

- Equipped with barometric exhaust relief
- Standard on new 11 EER Wall-Mounts

### Benefits of ERV:

- Energy Recovery Ventilator (ERV) equipped with built-in room pressurization design
- Provides ventilation with minimal loss of conditioned air.
- Exchanges up to 82% of temperature and humidity
- Return on investment in long term cost savings

**Bard®**

# Rugged Reliability.

Find out how telecom, school systems, e-buildings, modular structures and others use Bard to their advantage by visiting our website at [bardhvac.com](http://bardhvac.com)



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new 11 EER Wall-Mounts

## ENCLOSED CONDENSER FAN MOTOR

### Benefits:

- Totally enclosed Condenser Fan Motor means longer life, more durability, higher heat rating, and better operation in low ambient conditions
- Wall-Mount units can now handle more extreme environments and temperatures
- Added ball bearings = improved efficiency and longer life



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new 11 EER Wall-Mounts

## LOCKABLE ACCESS PANEL

### Benefits:

- Added safety and security
- Protects access to breaker
- (lock not included)



**OPTIONAL** on  
new 11 EER Wall-Mounts

## DIRTY FILTER INDICATOR

### Benefits:

- New pressure sensor triggers indicator to show when filter change is due
- Saves time and money – prevents missing a necessary change or changing more frequently than needed



**OPTIONAL** on  
new 11 EER Wall-Mounts

## 100% FULL FLOW ECONOMIZER

### Benefits:

- All sizes field installable
- 1.5 - 3 ton models meet 4CFM low-leakage certification requirements (large cabinet economizer not yet rated)
- 3.5 - 6 ton models feature no hood
- Economizer control located in the center control panel of 3.5-6 ton models
- Potential cost savings with lower utility usage

*Breathe easy. You've got Bard.*

**11 EER**

**3.3 COP**

*We stand ready to meet the 11 EER / 3.3 COP mandates and exceed your expectations. With 100+ years of heritage and history backing us, we remain committed to driving the future of the HVAC industry.*

 *All new models have the same supply and return openings as units from the past 50+ years, so no need to cut new holes.*

**Smart Engineering.  
Trusted Protection.  
Rugged Reliability.**

SCHOOLS



EQUIPMENT SHELTERS  
& TELECOM



MODULAR



LIGHT COMMERCIAL  
& MOBILE



INTERNATIONAL



RESIDENTIAL



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