



11 EER

Meet our next generation of Wall-Mount™ Cooling Solutions

Smart Engineering. Trusted Protection. Rugged Reliability.



**Same wall fit outside.
New technology inside.**

Bard®
SINCE 1914

Same wall fit outside. Stunning new technology inside.

- ▶ 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



W42AC-W60AC SERIES

3.5-5 TON // Wall-Mount Air Conditioning

- Center Control Panel – easy access, well organized
- No vent hood

11 EER

W18AB-W36AB SERIES

2.5-3 TON // Wall-Mount Air Conditioning

- Right and left hand access
- 38.200-inches (W), 17.125-inches (D), 74.563-inches (H) (same as 10 EER)

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W12AB SERIES

1 TON // Wall-Mount Air Conditioning

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W72AC SERIES

6 TON // Wall-Mount Air Conditioning

10 EER

New DOE mandates require 6+ ton systems to be 10 EER

3.5-4 TON

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

5 TON

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

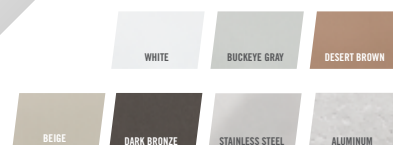
1.5-2 TON // Wall-Mount Air Conditioning

- Right and left hand access
- 33.300-inches (W), 17.125-inches (D), 74.563-inches (H) (same as 10 EER)

- 32.000-inches (W), 14.630-inches (D), 48.000-inches (H) (same as 10 EER)

- 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)

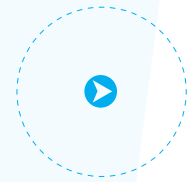
Color Options



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.

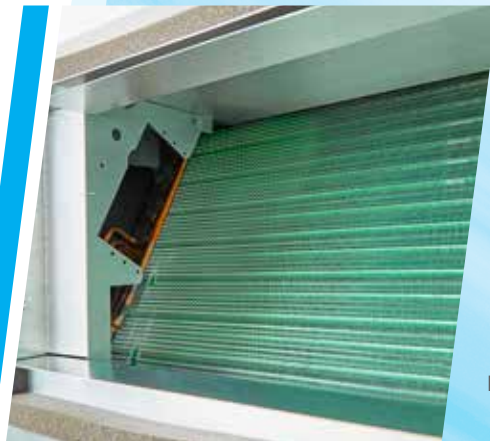


STANDARD on new 11 EER Wall-Mounts

BALANCED CLIMATE™

Benefits:

- Use of 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



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@bardvac.com



STANDARD on Wall-Mounts

BRUSHLESS DC BLOWER MOTOR/EC MOTOR

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 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
- **Built-in Balanced Climate technology improves typical room moisture reduction by up to 35%**
- 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
- **Bard has the only CRV wall mount vents in the Single Package Vertical market that meet AHRI certification standards**

Benefits of ERV:

- Energy Recovery Ventilator (ERV) equipped with built-in room pressurization design
- Provides ventilation without the full loss of heating, cooling and humidity
- Exchanges up to 82% of temperature and humidity
- Return on investment in long term cost savings

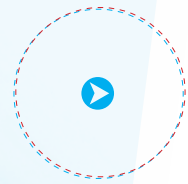
Benefits of Fresh Air Damper:

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

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



STANDARD on
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 operating in low ambient conditions
- Wall-Mount units can now handle more extreme environments and temperatures
- Added ball bearings = improved efficiency and longer life



STANDARD on
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
- All units now come with an enthalpy sensor to measure both temperature and humidity. A dry bulb only sensor can be ordered for field installation if enthalpy is not needed
- 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

We stand ready to meet the 11 EER 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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SINCE 1914

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