



ENGINEERED PRODUCT GUIDE

ENGINEERED PRODUCTS FOR YOUR APPLICATION

SCHOOLS



EQUIPMENT SHELTERS
& TELECOM



MODULAR



LIGHT COMMERCIAL



INTERNATIONAL



MOBILE



INDOOR AGRICULTURE



INDUSTRIAL, MINING &
PETRO CHEMICAL



BATTERY & ENERGY
STORAGE



DATA CENTERS



Bard[®]
SINCE 1914

Climate Control Solutions



INDOOR AIR
QUALITY



DEHUMIDIFICATION



VENTILATION
OPTIONS



Interior Solutions

I-TEC® Series

I30H-I60H 2 Stage Air Source Heat Pumps

I30H*D-I60H*D Dehumidification 2 Stage Air Source Heat Pumps

- Up to 16.5 IPLV cooling efficiency
- Up to 3.70 COP heating efficiency
- Up to 12.7 EER cooling efficiency
- 2.5 to 5 ton, single or three phase
- 2 stage Copeland scroll compressor
- 2 stage cooling/3 stage heating
- 2 stage reverse cycle heating
- ECM variable speed blower motor
- Eco-friendly insulation
- Optional student anti-huffing locks
- Optional electric heat kits
- Optional ventilation alternatives
- Optional door vinyl graphics
- AHRI Certified
- ETL Listed (US and Canada)
- UVC-LED Light and NPBI technology options
- MERV 13 filter upgrades for existing units with ECM motors

I36Z-I60Z 2 Stage Air Source Heat Pumps

- Up to 16.5 IPLV cooling efficiency
- Up to 12.7 EER cooling efficiency
- 3, 4 and 5 ton, single or three phase
- 2 stage Copeland scroll compressor
- 2 stage cooling/3 stage heating
- 2 stage reverse cycle heating
- ECM variable speed blower motor
- Eco-friendly insulation
- Optional student anti-huffing locks
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)
- Designed for ultra quiet application needs
- UVC-LED Light and NPBI technology options
- MERV 13 filter upgrades for existing units with ECM motors

I30A*D-I60A*D Dehumidification 2 Stage Air Conditioners

- Up to 16.5 IPLV cooling efficiency
- Up to 12.7 EER cooling efficiency
- 2.5 to 5 ton, single or three phase
- 2 stage Copeland scroll compressor
- 2 stage cooling/2 stage heating
- ECM variable speed blower motor
- Eco-friendly insulation
- Optional student anti-huffing locks
- Optional electric heat kits
- Optional ventilation alternatives
- Optional door vinyl graphics
- AHRI Certified
- ETL Listed (US and Canada)
- UVC-LED Light and NPBI technology options
- MERV 13 filter upgrades for existing units with ECM motors

Climate Control Options & Accessories

BrightStat

- Color digital touch screen
- Optional built-in temperature, humidity and motion sensors
- CO₂, Zigbee® Pro, and wireless BACnet options

Thermostats

- Digital non-programmable or programmable
- Automatic or manual changeover
- Remote indoor/outdoor temperature sensors

CO₂ Controller

- LCD display
- 0-10V or 4-20ma input for modulating ventilation or 24VAC on/off operation
- CO₂ sensing for ventilation control

Locking Covers

- Universal locking thermostat cover



I**Z Series



I-TEC® Series with graphic option



Temperature & Humidity Controller



CO₂ Controller



BrightStat

Interior Solutions

Q-TEC™ Series

QC 501 Series Chilled Water

- 1 to 4 ton range-1 unit
- 230 or 115V available
- 2 or 3-way water valve
- ECM variable speed blower
- Hydrophilic Coils
- Natural Fiber Insulation
- Brushless DC Blower Motor/ECM
- Stainless steel drain pan
- Optional factory-installed electric heat
- Optional hot water coils
- Optional ventilation alternatives
- ETL listed (US and Canada)
- UVC-LED Light
- MERV 13 filter upgrades for existing units with ECM motors

QW2S*D-QW5S*D

Dehumidification Step Capacity Geothermal Heat Pumps

- Up to 33.1 EER cooling efficiency
- Up to 6.2 COP heating efficiency
- 2 to 5 ton, single or three phase
- Copeland scroll compressor
- ECM variable speed blower
- Hydrophilic Coils
- Natural Fiber Insulation
- Brushless DC Blower Motor/ECM
- Cupronickel coaxial water coil
- Optional hot water coils
- Optional ventilation alternatives
- Modulating dehumidification standard
- AHRI Certified
- ETL listed (US and Canada)
- UVC-LED Light and NPBI technology options
- MERV 13 filter upgrades for existing units with ECM motors

Q24H-Q48H Series Heat Pumps

Q24H*D-Q48H*D Series Dehumidification Heat Pumps

- 2 to 4 ton, single or three phase
- 11 EER Cooling efficiency
- 3.3 COP heating efficiency
- Copeland scroll compressor
- Brushless DC Blower Motor/ECM
- Hydrophilic evaporator coils
- Natural fiber insulation
- Stainless steel drain pan
- Optional factory-installed electric heat
- Optional ventilation alternatives
- AHRI Certified
- ETL listed (US and Canada)
- UVC-LED Light and NPBI technology options
- MERV 13 filter upgrades for existing units with ECM motors

Q36A*D-Q48A*D Series

Dehumidification Air Conditioners

- 3 to 4 ton, single or three phase
- 11 EER Cooling efficiency
- 3.3 COP heating efficiency
- Copeland scroll compressor
- Brushless DC Blower Motor/ECM
- Hydrophilic evaporator coils
- Natural fiber insulation
- Stainless steel drain pan
- Optional factory-installed electric heat
- Optional ventilation alternatives
- AHRI Certified
- ETL listed (US and Canada)
- UVC-LED Light and NPBI technology options
- MERV 13 filter upgrades for existing units with ECM motors



QH and QA Series



QC and QWS Series

Exterior Wall-Mount™ Heat Pump

VARIABLE SPEED WALL-MOUNTS™ WITH INVERTER TECHNOLOGY

W3VH-W5VH Series W3VH*D -W5VH*D Dehumidification Heat Pumps

- 1.5 to 6 ton range- 2 unit sizes
- Copeland Inverter scroll compressor
- 230 or 460V available
- 50/60 Hz compatibility
- Up to 58% BTU Increase at 0°F
- Up to 17.5 IPLV
- ECM variable speed blower
- Hydrophilic Coils
- Natural Fiber Insulation
- Optional factory or field-installed electric heat
- AHRI Certified
- ETL Listed (US and Canada)
- UVC-LED Light and NPBI technology options
- MERV 13 filter option
- Optional ventilation alternatives



Variable Speed
Wall-Mount™

C24H-C60H Series Heat Pumps

- 2 to 5 ton single or three phase
- Up to 15.9 IPLV cooling efficiency
- ECM variable speed blower
- 2 stage Copeland scroll compressor
- 2 stage cooling/4 stage heating
- ECM Variable Speed blower motor
- Hydrophilic Coils
- Natural Fiber Insulation
- Optional factory or field-installed electric heat
- AHRI Certified
- ETL Listed (US and Canada)
- UVC-LED Light and NPBI technology options
- MERV 13 filter option
- Optional ventilation alternatives

14 IPLV

Efficiency Rating

T30S-T60S Quiet Climate

Step Capacity Heat Pumps

T30S*D-T60S*D Quiet Climate

Step Capacity Dehumidification Heat Pumps

- Up to 15.0 IPLV cooling efficiency
- Up to 3.5 COP heating efficiency
- 2.5 to 5 ton, single or three phase
- Copeland scroll 2-stage compressor
- ECM indoor blower motor
- Hydrophilic Coils
- Natural Fiber Insulation
- Brushless DC Blower Motor/ECM
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)
- UVC-LED Light and NPBI technology options
- MERV 13 filter upgrades for existing units with ECM motors
- ECM upgrade motor kits for older units that allow MERV 13 filter use

11 EER

Efficiency Rating

W18H-W60H

W24HD-W60HD Dehum

- 11.0 EER cooling efficiency
- 3.3 COP heating efficiency
- 1.5 ton, single phase
- 2 to 5 ton, single or three phase
- Balanced Climate™
- Hydrophilic Coils
- Natural Fiber Insulation
- Brushless DC Blower Motor/ECM
- Copeland scroll compressor

- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)
- UVC-LED Light and NPBI technology options
- MERV 13 filter upgrades for existing units with ECM motors
- ECM upgrade motor kits for older units that allow MERV 13 filter use



Wall-Mount™ Heat Pumps

Exterior Wall-Mount™ Air Conditioners

15 IPLV

Efficiency Rating

W3SA-W5SA Series Step Capacity

W3SAD-W5SAD Series

Dehumidification Step Capacity

- Up to 15.7 IPLV cooling efficiency
- 3 to 5 ton, single or three phase
- Copeland step capacity compressor
- Balanced Climate™
- Hydrophilic Coils
- Natural Fiber Insulation
- Brushless DC Blower Motor/ECM
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)
- UVC-LED Light and NPBI technology options
- MERV 13 filter upgrades for existing units with ECM motors
- ECM upgrade motor kits for older units that allow MERV 13 filter use

11 EER

Efficiency Rating

W12A- 1 ton cabinet

W**A- 1.5-5 ton

- 11.0 EER cooling efficiency
- 1 to 5 ton capacity
- Balanced Climate™
- Hydrophilic Coils
- Natural Fiber Insulation
- Brushless DC Blower Motor/ECM
- Rotary, reciprocating and Copeland scroll compressors
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)
- UVC-LED Light and NPBI technology options
- MERV 13 filter upgrades for existing units with ECM motors
- ECM upgrade motor kits for older units that allow MERV 13 filter use

10 EER - 6 Ton

Efficiency Rating

W72A

- 10.0 EER cooling efficiency (6 Ton)
- UVC-LED Light and NPBI technology options
- MERV 13 filter upgrades for existing units with ECM motors
- ECM upgrade motor kits for older units that allow MERV 13 filter use



One Ton Wall-Mount™

Exterior Wall-Mount™ Gas/Electric Units

15 IPLV

Efficiency Rating

WG3S-WG5S Series Step Capacity

Gas/Electric

- Up to 15.6 IPLV cooling efficiency
- 82% TE (thermal efficiency)
- 3 to 5 ton, single or three phase
- Copeland step capacity compressor
- Hydrophilic Coils
- Brushless DC Blower Motor/ECM
- “In-shot” burners
- Optional LP conversion kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)
- UVC-LED Light
- MERV 13 filter upgrades for existing units with ECM motors
- ECM upgrade motor kits for older units that allow MERV 13 filter use

11 EER

Efficiency Rating

W24G-W60G

W24G*D-W60G*D Series

Dehumidification Gas Electric

- 11.0 EER cooling efficiency
- 82% TE (thermal efficiency)
- 2 to 5 ton, single or three-phase
- Hydrophilic Coils
- Brushless DC Blower Motor/ECM
- “In-shot” burners
- Optional LP conversion kits
- Optional ventilation alternatives
- AHRI Certified
- ETL listed (US and Canada)
- UVC-LED Light
- MERV 13 filter upgrades for existing units with ECM motors
- ECM upgrade motor kits for older units that allow MERV 13 filter use

Wall Curb Options

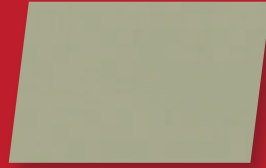
- Upgrade, sound and isolation curbs available for specific applications
- Insulated in all critical areas
- Color coordinated with wall-mount color options
- Designed for easy installation



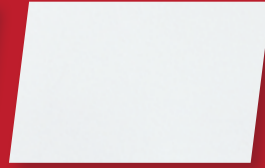
Wall-Mount™ Gas/Electric

CABINET COLOR OPTIONS

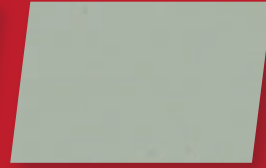
Exterior Mounted Units



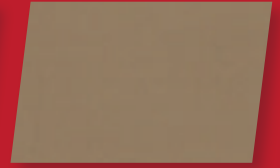
X = BEIGE



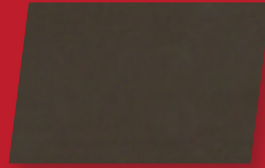
1 = WHITE



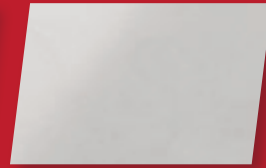
4 = BUCKEYE GRAY



5 = DESERT BROWN



8 = DARK BRONZE



S = STAINLESS STEEL

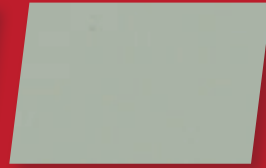


A = ALUMINUM

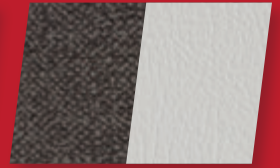
Q-TEC™ Cabinet



X = BEIGE



4 = BUCKEYE GRAY

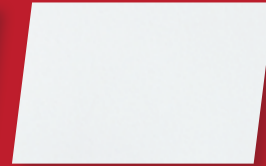


V = SLATE FRONT/PLATINUM SIDES

I-TEC® Cabinet



X = BEIGE



1 = WHITE



4 = BUCKEYE GRAY



Bard Manufacturing Company, Inc.
1914 Randolph Dr., Bryan, OH 43506
419-636-1194

www.bardhvac.com
sales@bardhvac.com

© December 2023 | S3455



The AHRI Certified® mark indicates Bard Manufacturing's participation in the AHRI Certification program. For verification of individual certified products, go to www.ahridirectory.org.

* See Louver Brochure S3508 for multiple louver colors