ENGINEERED PRODUCT GUIDE
ENGINEERED PRODUCTS FOR YOUR APPLICATION.
**Interior Mount**

**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
- R-410A refrigerant
- 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 lock
- Optional electric heat kits
- Optional ventilation alternatives
- Optional door vinyl graphics
- AHRI Certified
- ETL Listed (US and Canada)

**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
- R-410A refrigerant
- 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 lock
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)
- Designed for ultra quiet application needs

**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
- R-410A refrigerant
- 2 stage Copeland scroll compressor
- 2 stage cooling/2 stage heating
- ECM variable speed blower motor
- Eco-friendly insulation
- Optional student anti-huffing lock
- Optional electric heat kits
- Optional ventilation alternatives
- Optional door vinyl graphics
- AHRI Certified
- ETL Listed (US and Canada)
Interior Mount

Q-TEC™ Series

Q24A-Q60A Series Air Conditioners
Q24A-D-Q60A*D Series

Dehumidification Air Conditioners
- Up to 10.0 EER cooling efficiency
- 2 to 5 ton, single or three phase
- R-410A refrigerant
- Copeland scroll compressor
- ECM variable speed blower motor
- Optional factory-installed electric heat
- Optional hot water coils
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)

QC Series Chilled Water
- 1 to 4 ton range-1 unit
- 230 or 115V available
- 2 or 3-way water valve
- ECM variable speed blower
- Stainless steel drain pan
- Optional factory-installed electric heat
- Optional hot water coils
- Optional ventilation alternatives
- ETL Listed (US and Canada)

Q-TEC™ Series

Q24H-Q60H Series Heat Pumps
Q24H*D-Q60H*D Series

Dehumidification Heat Pumps
- Up to 10.5 EER cooling efficiency
- 3.0 COP heating efficiency
- 2 to 5 ton, single or three phase
- R-410A refrigerant
- Copeland scroll compressor
- ECM variable speed blower motor
- Optional factory-installed electric heat
- Optional hot water coils
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)

Q-TEC™ Series

QW2S-QW5S Step Capacity
Geothermal Heat Pumps
QW2S*D-QW5S*D

Dehumidification Step Capacity
Geothermal Heat Pumps
- Up to 24.8 EER cooling efficiency
- Up to 5.95 COP heating efficiency
- 2 to 5 ton, single or three phase
- R-410A refrigerant
- Copeland scroll compressor
- ECM variable speed blower
- Cupronickel coaxial water coil
- Optional hot water coils
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)
Climate Control Options & Accessories

**CompleteStat**
- Networkable thermostat and controller
- Built-in temperature, humidity and motion sensors
- Installed as a stand-alone application or part of a BACnet network

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

**CO₂ Controller**
- LCD display
- Response time 2 minutes

**Locking Covers**
- Universal locking thermostat cover

**BrightStat**
- Color digital touch screen
- Optional built-in temperature, humidity and motion sensors
- Optional CO₂ and Zigbee® Pro wireless networking

**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
  - ECM indoor blower motor
  - R-410A refrigerant
  - “In-shot” burners
  - Optional LP conversion kits
  - Optional ventilation alternatives
  - AHRI Certified
  - ETL Listed (US and Canada)

**10 EER Efficiency Rating**
- **W24G-W60G Series Gas/Electric**
- **W24G-D-W60G-D Series Dehumidification Gas/Electric**
  - Up to 10.0 EER cooling efficiency
  - 82% TE (thermal efficiency)
  - 2 to 5 ton, single or three phase
  - R-410A refrigerant
  - “In-shot” burners
  - Optional LP conversion kits
  - Optional ventilation alternatives
  - AHRI Certified
  - ETL Listed (US and Canada)

**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

www.buildahard.com
Exterior Wall-Mount™ Air Conditioners

15 IPLV Efficiency Rating
WA3S-WA6S Series Step Capacity
- Up to 15.2 IPLV cooling efficiency
- 3 to 5 ton, single or three phase
- Copeland step capacity compressor
- ECM indoor blower motor
- R-410A refrigerant
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)

W12AA-W72AA Series Air Conditioner
W30AAD-W60AAD Series Dehumidification Air Conditioner
- Up to 10.3 EER cooling efficiency
- 1 to 6 ton capacity
- Rotary, reciprocating and Copeland scroll compressors
- R-410A refrigerant
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)

W17A2-W60A2 Series Air Conditioner
W30A2D-W60A2D Series Dehumidification Air Conditioner
- Up to 9.5 EER cooling efficiency
- 1.5 ton, single phase
- 2 to 5 ton, single or three phase
- Scroll compressor
- R-410A refrigerant
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)

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
- R-410A refrigerant
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)

T24H-T60H Quiet Climate Heat Pumps
T24HP D-T60HP D Quiet Climate Dehumidification Heat Pumps
- Up to 11.2 EER cooling efficiency
- Up to 3.4 COP heating efficiency
- 2 to 5 ton, single or three phase
- Copeland scroll compressor
- ECM indoor blower motor
- R-410A refrigerant
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)

10 EER Efficiency Rating
W18HA-W60HA Series Heat Pumps
W24HAD-W60HAD Series Dehumidification Heat Pumps
- Up to 10.4 EER cooling efficiency
- Up to 3.0 COP heating efficiency
- 1.5 ton, single phase
- 2 to 5 ton, single or three phase
- R-410A refrigerant
- Copeland scroll compressor
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)

W18H2-W60H2 Series Heat Pumps
W24H2D- W60H2D Series Dehumidification Heat Pumps
- Up to 9.5 EER cooling efficiency
- 3.0 COP heating efficiency
- 1.5 ton, single phase
- 2 to 5 ton, single or three phase
- R-410A refrigerant
- Copeland scroll compressor
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)

9 EER Efficiency Rating
W12AA-W72AA Series Air Conditioner
W30AAD-W60AAD Series Dehumidification Air Conditioner
- Up to 10.3 EER cooling efficiency
- 1 to 6 ton capacity
- Rotary, reciprocating and Copeland scroll compressors
- R-410A refrigerant
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)

W17A2-W60A2 Series Air Conditioner
W30A2D-W60A2D Series Dehumidification Air Conditioner
- Up to 9.5 EER cooling efficiency
- 1.5 ton, single phase
- 2 to 5 ton, single or three phase
- Scroll compressor
- R-410A refrigerant
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)

Exterior Wall-Mount™ Heat Pumps

11 EER Efficiency Rating
T24H-T60H Quiet Climate Heat Pumps
T24HP D-T60HP D Quiet Climate Dehumidification Heat Pumps
- Up to 11.2 EER cooling efficiency
- Up to 3.4 COP heating efficiency
- 2 to 5 ton, single or three phase
- Copeland scroll compressor
- ECM indoor blower motor
- R-410A refrigerant
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)

10 EER Efficiency Rating
W18HA-W60HA Series Heat Pumps
W24HAD-W60HAD Series Dehumidification Heat Pumps
- Up to 10.4 EER cooling efficiency
- Up to 3.0 COP heating efficiency
- 1.5 ton, single phase
- 2 to 5 ton, single or three phase
- R-410A refrigerant
- Copeland scroll compressor
- Optional electric heat kits
- Optional ventilation alternatives
- AHRI Certified
- ETL Listed (US and Canada)
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

I-TEC® & Q-TEC™ Louvers*

CLEAR ALUMINUM
DARK BRONZE
MEDIUM BRONZE

* See Louver Brochure S3508 for additional louver colors