



2014 PRODUCT CATALOG



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|-------------------------|----|
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SPLIT SYSTEM AIR CONDITIONERS

**Nominal Capacities**

| | |
|------------|--------------|
| CZH | 24 to 60 MBH |
| CZF | 24 to 60 MBH |

Efficiency Ratings

| | |
|------------|---------------|
| CZH | Up to 18 SEER |
| CZF | Up to 16 SEER |

**Most Efficient 2014****CZH024 and CZH036**

These models are recognized as the Most Efficient of ENERGY STAR® 2014 when used with the Affinity™ Residential Communicating Control.

**Limited Warranties
(Compressor/Other Parts)**

| | |
|------------|--------------------|
| CZH | Lifetime/10 Years* |
| CZF | Lifetime/10 Years* |

* Lifetime Compressor/Extended 10-Years Parts warranties require online registration within 90 days of installation. Otherwise, warranties revert to the standard 10-Years Compressor/5-Years Parts. Does not apply to R-22 models, 3-Phase models, or internet sales. Please see Limited Warranty certificate in User's Manual for details.

**Affinity™ Series
(CZH, CZF)**

The Affinity™ Series is the premier York® line of residential central air conditioning units and provides some of the most competitive features on the market. Models include:

- Affinity™ Up to 18 SEER Two-Stage Air Conditioner (CZH)
- Affinity™ Up to 16 SEER Single-Stage Air Conditioner (CZF)

These condensing units are the outdoor section of a versatile central cooling and/or heating system. Each model is engineered to be custom-matched with our complete line of indoor evaporator coil or air handler components, all of which have been designed to serve specific functions. Our design provides the flexibility needed to address all of the configurations that can be found in today's HVAC marketplace. The end result is a complete system capable of delivering many years of superior comfort, reliable performance, and worry-free operation.

Special Benefits





- Superior Coil Protection—A stamped, decorative metal coil guard completely protects the coil from debris and other damaging material.
- Protected Compressor—The compressor is safeguarded against abnormal pressures and temperatures by an internal pressure relief valve, an internal temperature sensor, and factory high and low pressure system controls. A factory installed liquid line filter-drier further protects the compressor against moisture and debris.
- Environmentally Friendly Refrigerant—The next generation refrigerant R-410A delivers environmentally friendly performance with zero ozone depletion.
- Durable Finish—An automotive quality finish provides the ultimate protection from harmful UV rays and rust creep, ensuring a long-lasting, high quality appearance. A powder-paint topcoat is applied over a baked-on primer using a galvanized, zinc-coated steel base material. The result is a finish that has been proven in testing to provide 33% greater durability than conventional powder-coat finishes.
- QuietDrive™ System—Features combination of swept-wing fan, composite base pan, isolated compressor compartment, and quiet-scroll compressor to reduce overall sound to a mere whisper.
- Low RPM Fan Motor—Helps to reduce airflow noise.
- Swept Wing Fan—A fan design boasting technology adapted from aeronautic and defense engineering provides for whisper-quiet operation by allowing air to flow smoothly and efficiently across the fan tips.
- Composite Base Pan—The strong and durable composite base pan provides added strength while resisting rust and corrosion, as well as reducing sound and vibration.
- Isolated Compressor Compartment—A molded composite bulkhead isolates the refrigeration components and the compressor from the rest of the unit, reducing sound and vibration.
- Lower Installed Cost—Designed to provide enhanced installability by featuring a slide-down control compartment that allows easy access to control components, along with angled service valves to reduce overall installation time and cost. Factory charged for a 15-foot lineset.
- Factory Installed Filter-Drier—A factory installed, solid core liquid line filter-drier removes harmful debris and moisture from the system.
- Easy Service Access—A full end, full service access panel with handle makes for easy entry to internal components.
- Communications Capable—Requiring only a simple 4-wire installation, the communicating capability enables the use of the Touch Screen Communicating Control, allowing real time visibility of system operation and the use of diagnostic features, while still maintaining the ability to function with a traditional thermostat.
- Agency Listed—Safety certified by CSA to UL 1995/CSA 22.2. Performance certified to ANSI/AHRI Standard 210/240 in accordance with the Unitary Small Equipment certification program.

SPLIT SYSTEM AIR CONDITIONERS

Affinity™ Series

(CZH, CZF)



| Model | Nominal Cooling MBH | Nominal Cooling SEER** | Voltage | Liquid Line (inches) | Suction Line (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|---------------------|------------------------|----------|----------------------|---|---------------------|--------|----|-------------------------------------|
| | | | | | | H | W | D | |
| Affinity™ 18 SEER Two-Stage Single-Phase Air Conditioners (CZH) w/R-410A | | | | |  | | | | |
| CZH02412†  | 24 | 18.00 | 208/230V | 3/8 | 3/4 | 40 | 42-1/4 | 34 | 285 |
| CZH03612†  | 36 | 18.50 | 208/230V | 3/8 | 3/4 | 40 | 42-1/4 | 34 | 285 |
| CZH04812 | 48 | 17.00 | 208/230V | 3/8 | 7/8 | 40 | 42-1/4 | 34 | 310 |
| CZH06012 | 60 | 16.00 | 208/230V | 3/8 | 7/8 | 40 | 42-1/4 | 34 | 315 |
| Affinity™ 16 SEER Single-Stage Single-Phase Air Conditioners (CZF) w/R-410A | | | | |  | | | | |
| CZF02413 | 24 | 16.00 | 208/230V | 3/8 | 3/4 | 30 | 37 | 31 | 159 |
| CZF03013 | 30 | 16.00 | 208/230V | 3/8 | 3/4 | 30 | 37 | 31 | 166 |
| CZF03614 | 36 | 16.00 | 208/230V | 3/8 | 3/4 | 40 | 37 | 31 | 200 |
| CZF04213 | 42 | 16.00 | 208/230V | 3/8 | 7/8 | 40 | 37 | 31 | 209 |
| CZF04814 | 48 | 16.00 | 208/230V | 3/8 | 7/8 | 40 | 42-1/4 | 34 | 250 |
| CZF06013 | 60 | 16.00 | 208/230V | 3/8 | 7/8* | 40 | 42-1/4 | 34 | 235 |

* Expander fitting required for 1-1/8" line set.

** Actual SEER may vary depending on tonnage and matched indoor component.

† CZH024 and CZH036 models are recognized as the Most Efficient of ENERGY STAR® 2014 when used with the Affinity™ Residential Communicating Control.

Verify the actual ratings for each specific matchup in the online AHRI directory at www.ahridirectory.org at the time of sale.

It is also recommended to print the rating certificate, if needed, at time of sale.

SPLIT SYSTEM AIR CONDITIONERS

**Nominal Capacities**

TCHD 18 to 60 MBH
(Single-Phase)

TCHD 30 to 60 MBH
(Three-Phase)

Efficiency Ratings

TCHD 13 SEER

**Limited Warranties
(Compressor/Other Parts)**

TCHD 10 Years/10 Years*
(Single-Phase)

TCHD 5 Years/1 Year
(Three-Phase)

* Extended 10-Years Limited Parts Warranty requires online registration within 90 days of installation. Otherwise, the parts warranty reverts to the standard 5-Years Limited Parts warranty. Does not apply to R-22 models, 3-Phase models, or internet sales. Please see Limited Warranty certificate in User's Manual for details.

Affinity™ Series**(TCHD)**

The Affinity™ Series Horizontal Discharge condensing unit is ideal for virtually every residential or commercial application where space is limited. Models include:

- Affinity™ 13 SEER Air Conditioner (TCHD)

These condensing units are the outdoor section of a versatile central cooling and/or heating system. Each model is engineered to be custom-matched with our complete line of indoor evaporator coil or air handler components, all of which have been designed to serve specific functions. Our design provides the flexibility needed to address all of the configurations that can be found in today's HVAC marketplace. The end result is a complete system capable of delivering many years of superior comfort, reliable performance, and worry-free operation.

Special Benefits

- **Performance**—Efficiency levels from 13.0 SEER/11.0 EER with a loose coil up to 16.0 SEER/14.0 EER (some models) when coupled with an ECM indoor blower.
- **Small Footprint**—Compact slim-line design allows for easy installation in tight spaces. Units can be stacked two-high with approved stacking kit.
- **QuietDrive™ System**—The combination of a swept-wing fan, rigid base pan, isolated compressor compartment, and quiet scroll compressor reduce sound to as low as 69 dBA.
- **Low Operating Sound Levels**—The swept-wing condenser fan in blow-through configuration provides for whisper-quiet operation by allowing air to flow smoothly and efficiently across the fan tips.
- **Quality Condenser Coils**—The coil is constructed of aluminum MicroChannel tubing and enhanced aluminum fins for compact size and increased efficiency.
- **Environmentally Friendly Refrigerant**—The next generation refrigerant R-410A delivers environmentally friendly performance with zero ozone depletion.
- **Durable Cabinet**—Heavy-gauge steel cabinet and tubular base rails provide added support.
- **Aesthetic**—Powder paint champagne color provides an attractive retail finish.
- **Agency Listed**—Safety certified by CSA to UL 1995/CSA 22.2. Performance certified to ANSI/AHRI Standard 210/240 in accordance with the Unitary Small Equipment certification program.
- **Commercial Applications**—The TCHD 3 Phase Series is also available in 208/230-3-60 and 460-3-60 voltages in the 2, 3, 4, and 5 ton models.

Other Features:

- Factory supplied filter drier.
- High pressure switch, low pressure switch.
- Accumulator and crankcase heater in all sizes.
- Up to 200-foot lineset ready out of the box.
- Zero lot line—only 6" minimum clearance from structure.

SPLIT SYSTEM AIR CONDITIONERS

Affinity™ Series

(TCHD)



| Model | Nominal Cooling MBH | Nominal Cooling SEER* | Voltage | Liquid Line (inches) | Suction Line (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|--|---------------------|-----------------------|----------|----------------------|-----------------------|---------------------|--------|--------|-------------------------------------|
| | | | | | | H | W | D | |
| Affinity™ 13 SEER Single-Phase Condensing Unit (TCHD) w/R-410A | | | | | | | | | |
| TCHD18S41S3 | 18 | 13.00 | 208/230V | 3/8 | 3/4 | 25-1/4 | 37-1/4 | 17-1/2 | 130 |
| TCHD24S41S3 | 24 | 13.00 | 208/230V | 3/8 | 3/4 | 25-1/4 | 37-1/4 | 17-1/2 | 135 |
| TCHD30S41S3 | 30 | 13.00 | 208/230V | 3/8 | 3/4 | 37-1/4 | 45 | 20 | 195 |
| TCHD36S41S3 | 36 | 13.00 | 208/230V | 3/8 | 3/4 | 37-1/4 | 45 | 20 | 215 |
| TCHD48S41S3 | 48 | 13.00 | 208/230V | 3/8 | 7/8 | 43-1/4 | 45 | 20 | 240 |
| TCHD60S41S3 | 60 | 13.00 | 208/230V | 3/8 | 7/8 | 43-1/4 | 45 | 20 | 250 |
| Affinity™ 13 SEER Three-Phase Condensing Unit (TCHD) w/R-410A | | | | | | | | | |
| TCHD30S43S3 | 30 | 13.00 | 208/230V | 3/8 | 3/4 | 37-1/8 | 44-5/8 | 17-1/8 | 195 |
| TCHD36S43S3 | 36 | 13.00 | 208/230V | 3/8 | 3/4 | 37-1/8 | 44-5/8 | 17-1/8 | 215 |
| TCHD48S43S3 | 48 | 13.00 | 208/230V | 3/8 | 7/8 | 43-1/8 | 44-5/8 | 17-1/8 | 240 |
| TCHD60S43S3 | 60 | 13.00 | 208/230V | 3/8 | 7/8 | 43-1/8 | 44-5/8 | 17-1/8 | 250 |
| Affinity™ 13 SEER Three-Phase Condensing Unit (TCHD) w/R-410A | | | | | | | | | |
| TCHD30S44S3 | 30 | 13.00 | 460V | 3/8 | 3/4 | 37-1/8 | 44-5/8 | 17-1/8 | 195 |
| TCHD36S44S3 | 36 | 13.00 | 460V | 3/8 | 3/4 | 37-1/8 | 44-5/8 | 17-1/8 | 215 |
| TCHD48S44S3 | 48 | 13.00 | 460V | 3/8 | 7/8 | 43-1/8 | 44-5/8 | 17-1/8 | 240 |
| TCHD60S44S3 | 60 | 13.00 | 460V | 3/8 | 7/8 | 43-1/8 | 44-5/8 | 17-1/8 | 250 |

* Actual SEER may vary depending on tonnage and matched indoor component.
 Verify the actual ratings for each specific matchup in the online AHRI directory at www.ahridirectory.org at the time of sale.
 It is also recommended to print the rating certificate, if needed, at time of sale.

SPLIT SYSTEM AIR CONDITIONERS

**Nominal Capacities**

| | |
|-------------|--------------------------------|
| YCJF | 18 to 60 MBH |
| YCJD | 18 to 60 MBH (Single-Phase) |
| YCJD | 30 to 60 MBH (Three-Phase) |

Efficiency Ratings

| | |
|-------------|-----------|
| YCJF | 14.5 SEER |
|-------------|-----------|



| | |
|-------------|---------|
| YCJD | 13 SEER |
|-------------|---------|

**Limited Warranties
(Compressor/Other Parts)**

| | |
|-------------|--------------------------------------|
| YCJF | 10 Years/10 Years** |
| YCJD | 10 Years/5 Years** (Single-Phase) |
| YCJD | 5 Years/1 Year (Three-Phase) |

* Extended 10-Years Limited Parts Warranty requires online registration within 90 days of installation. Otherwise, the parts warranty reverts to the standard 5-Years Limited Parts warranty.

** Extended 10-Years Limited Parts Warranty when unit is registered online within 90 days of installation.

‡ Does not apply to R-22 models, 3-Phase models, or internet sales. Please see Limited Warranty certificate in User's Manual for details.

LX Series**(YCJF , YCJD)**

The LX Series is York®'s mid-tier line of residential central air conditioning units. Models include:

- LX 14.5 SEER Air Conditioner (YCJF)
- LX 13 SEER Air Conditioner (YCJD)

These condensing units are the outdoor section of a versatile central cooling and/or heating system. Each model is engineered to be custom-matched with our complete line of indoor evaporator coil or air handler components, all of which have been designed to serve specific functions. Our design provides the flexibility needed to address all of the configurations that can be found in today's HVAC marketplace. The end result is a complete system capable of delivering many years of superior comfort, reliable performance, and worry-free operation.

Special Benefits


- **Small Footprint**—Extremely lightweight with a compact footprint, it is a perfect fit for any application.
- **Quality Condenser Coils**—The coil is constructed of aluminum MicroChannel tubing and enhanced aluminum fins for reduced size and increased efficiency.
- **Coil Protection**—Coils are protected from damage by a slotted, stamped steel coil guard and secondary polymer mesh.
- **Optional Factory E-Coat**—Available ElectroFin® coated coil on select models.
- **Protected Compressor**—Compressors are protected internally by a high pressure relief valve and a temperature sensor, and externally by the system high pressure switch. A factory installed liquid line filter-drier further protects the compressor against moisture and debris.
- **Environmentally Friendly Refrigerant**—The next generation refrigerant R-410A delivers environmentally friendly performance with zero ozone depletion.
- **Durable Finish**—The cabinet is made of G90-equivalent powdercoated steel, with special primer formulas and matte texture to ensure less fading when exposed to sunlight. The coated steel wire fan guard and pre-treated, galvanized steel chassis components resist corrosion and rust creep.
- **Lower Installed Cost**—Installation time and costs are reduced by easy power and control wiring connections. The unit is factory charged for a 15-foot lineset. The small base dimension means less space is required on the ground or roof.
- **Top Discharge**—Warm air from the top mounted fan is blown up, away from the structure and any landscaping. This allows compact location on multi-unit applications.
- **Quiet Operation**—The compressor sound blanket and the swept wing fan blade keep sound to a minimum (YCJF only). The upward air flow carries the normal operating noise away from the living area. The rigid top panel effectively isolates any motor sound. Isolator mounted compressor and the condenser coil muffle the normal fan motor and compressor operating sounds.
- **Low Maintenance**—Long life, permanently lubricated motor-bearings need no annual servicing.
- **Easy Service Access**—Fully exposed refrigerant connections and a single panel covering the electrical controls make for easy servicing of the unit.
- **Secured Service Valves**—Secured, re-usable service valves are provided on both the liquid and vapor sweat connections for ease of evacuating and charging.
- **Agency Listed**—Safety certified by CSA to UL 1995/CSA 22.2. Performance certified to ANSI/AHRI Standard 210/240 in accordance with the Unitary Small Equipment certification program.

SPLIT SYSTEM AIR CONDITIONERS

LX Series

(YCJF, YCJD)



| Model | Nominal Cooling MBH | Nominal Cooling SEER† | Voltage | Liquid Line (inches) | Suction Line (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|--|---------------------|-----------------------|----------|----------------------|-----------------------|---------------------|--------|--------|-------------------------------------|
| | | | | | | H | W | D | |
| LX 14.5 SEER Single-Phase Air Conditioners (YCJF) w/R-410A  | | | | | | | | | |
| YCJF18S41S1(E) | 18 | 14.50 | 208/230V | 3/8 | 3/4 | 28-1/4 | 29-1/2 | 29-1/2 | 125 |
| YCJF24S41S1(E) | 24 | 14.50 | 208/230V | 3/8 | 3/4 | 28-1/4 | 29-1/2 | 29-1/2 | 128 |
| YCJF30S41S1(E) | 30 | 14.50 | 208/230V | 3/8 | 3/4 | 36 -1/4 | 29-1/2 | 29-1/2 | 130 |
| YCJF36S41S1(E) | 36 | 14.50 | 208/230V | 3/8 | 3/4 | 36-1/4 | 29-1/2 | 29-1/2 | 145 |
| YCJF42S41S1(E) | 42 | 14.50 | 208/230V | 3/8 | 7/8 | 34-1/4 | 34 | 34 | 172 |
| YCJF48S41S2(E) | 48 | 14.50 | 208/230V | 3/8 | 7/8 | 36-1/4 | 34 | 34 | 180 |
| YCJF60S41S2(E) | 60 | 14.50 | 208/230V | 3/8 | 7/8* | 40-1/4 | 34 | 34 | 199 |
| LX 13 SEER Single-Phase Air Conditioners (YCJD) w/R-410A | | | | | | | | | |
| YCJD18S41S1(H)(E) | 18 | 13.00 | 208/230V | 3/8 | 3/4 | 28-1/4 | 24 | 24 | 95 |
| YCJD24S41S1(H)(E) | 24 | 13.00 | 208/230V | 3/8 | 3/4 | 28-1/4 | 24 | 24 | 129 |
| YCJD30S41S1(H)(E) | 30 | 13.00 | 208/230V | 3/8 | 3/4 | 28-1/4 | 24 | 24 | 131 |
| YCJD36S41S1(H)(E) | 36 | 13.00 | 208/230V | 3/8 | 3/4 | 28-1/4 | 29-1/2 | 29-1/2 | 145 |
| YCJD42S41S2(H)(E) | 42 | 13.00 | 208/230V | 3/8 | 7/8 | 30-1/4 | 29-1/2 | 29-1/2 | 164 |
| YCJD48S41S1(H)(E) | 48 | 13.00 | 208/230V | 3/8 | 7/8 | 30-1/4 | 29-1/2 | 29-1/2 | 173 |
| YCJD60S41S2(E) | 60 | 13.00 | 208/230V | 3/8 | 7/8 | 32-1/4 | 34 | 34 | 220 |
| LX 13 SEER Three-Phase Air Conditioners (YCJD) w/R-410A | | | | | | | | | |
| YCJD30S43S3(E) | 30 | 13.00 | 208/230V | 3/8 | 3/4 | 28-1/4 | 24 | 24 | 131 |
| YCJD36S43S3(E) | 36 | 13.00 | 208/230V | 3/8 | 3/4 | 28-1/4 | 29-1/2 | 29-1/2 | 145 |
| YCJD42S43S4(E) | 42 | 13.00 | 208/230V | 3/8 | 7/8 | 30-1/4 | 29-1/2 | 29-1/2 | 164 |
| YCJD48S43S3(E) | 48 | 13.00 | 208/230V | 3/8 | 7/8 | 30-1/4 | 29-1/2 | 29-1/2 | 173 |
| YCJD60S43S4(E) | 60 | 13.00 | 208/230V | 3/8 | 7/8 | 32-1/4 | 34 | 34 | 220 |
| YCJD76S43S3(E) | 76 | 12.60** | 208/230V | 1/2 | 1-1/8 | 40-1/4 | 34 | 34 | 247 |
| YCJD30S44S3(E) | 30 | 13.00 | 460V | 3/8 | 3/4 | 28-1/4 | 24 | 24 | 131 |
| YCJD36S44S3(E) | 36 | 13.00 | 460V | 3/8 | 3/4 | 28-1/4 | 29-1/2 | 29-1/2 | 145 |
| YCJD42S44S4(E) | 42 | 13.00 | 460V | 3/8 | 7/8 | 30-1/4 | 29-1/2 | 29-1/2 | 164 |
| YCJD48S44S3(E) | 48 | 13.00 | 460V | 3/8 | 7/8 | 30-1/4 | 29-1/2 | 29-1/2 | 173 |
| YCJD60S44S4(E) | 60 | 13.00 | 460V | 3/8 | 7/8 | 32-1/4 | 34 | 34 | 220 |
| YCJD76S44S3(E) | 76 | 12.80** | 460V | 1/2 | 1-1/8 | 40-1/4 | 34 | 34 | 247 |

* Adapter fitting required for 1-1/8" line set.

** Denotes IEER in accordance with ANSI/AHRI 340/360.

† Actual SEER may vary depending on tonnage and matched indoor component.

Models with (H) in the nomenclature have factory-installed start kits.

Models with (E) in the nomenclature have an ElectroFin™ coating on the outdoor coil.

Verify the actual ratings for each specific matchup in the online AHRI directory at www.ahridirectory.org at the time of sale.

It is also recommended to print the rating certificate, if needed, at time of sale.

SPLIT SYSTEM HEAT PUMPS

**Nominal Capacities**

| | |
|------------|--------------|
| YZH | 24 to 60 MBH |
| YZF | 24 to 60 MBH |

Efficiency Ratings

| | |
|------------|------------------------|
| YZH | Up to 18 SEER/10 HSPF |
| YZF | Up to 16 SEER/9.0 HSPF |

**Most Efficient 2014****YZH036**
**Most Efficient
2014**

This model is recognized as the Most Efficient of ENERGY STAR® 2014 when used with the Affinity™ Residential Communicating Control.

**Limited Warranties
(Compressor/Other Parts)**

| | |
|------------|--------------------|
| YZH | Lifetime/10 Years* |
| YZF | Lifetime/10 Years* |

* For Lifetime Compressor/10-Years Parts warranties, system must be registered online within 90 days of installation. Otherwise, warranties revert to the standard 10-Years Compressor/5-Years Parts. Does not apply to R-22 models, 3-Phase models, or internet sales. Please see Limited Warranty certificate in User's Manual for details.

Affinity™ Series

(YZH, YZF)

The Affinity™ Series is the premier York® line of residential heat pump units and provides some of the most competitive features on the market. Models include:

- Affinity™ Up to 18 SEER Two-Stage Heat Pumps (YZH)
- Affinity™ Up to 16 SEER Single-Stage† Heat Pumps (YZF)

These condensing units are the outdoor section of a versatile central cooling and/or heating system. Each model is engineered to be custom-matched with our complete line of indoor evaporator coil or air handler components, all of which have been designed to serve specific functions. Our design provides the flexibility needed to address all of the configurations that can be found in today's HVAC marketplace. The end result is a complete system capable of delivering many years of superior comfort, reliable performance, and worry-free operation.

Special Benefits

- **Superior Coil Protection**—A stamped, decorative metal coil guard completely protects the coil from debris and other damaging material.
- **Protected Compressor**—The compressor is safeguarded against abnormal pressures and temperatures by an internal pressure relief valve, an internal temperature sensor, and factory high and low pressure system controls. A factory installed liquid line filter-drier further protects the compressor against moisture and debris.
- **Environmentally Friendly Refrigerant**—The next generation refrigerant R-410A delivers environmentally friendly performance with zero ozone depletion.
- **Durable Finish**—An automotive quality finish provides the ultimate protection from harmful UV rays and rust creep, ensuring a long-lasting, high quality appearance. A powder-paint topcoat is applied over a baked-on primer using a galvanized, zinc-coated steel base material. The result is a finish that has been proven in testing to provide 33% greater durability than conventional powder-coat finishes.
- **QuietDrive™ System**—Features combination of swept-wing fan, composite base pan, isolated compressor compartment, and quiet-scroll compressor to reduce overall sound to a mere whisper.
- **Low RPM Fan Motor**—Helps to reduce airflow noise.
- **Swept Wing Fan**—A fan design boasting technology adapted from aeronautic and defense engineering provides for whisper-quiet operation by allowing air to flow smoothly and efficiently across the fan tips.
- **Composite Base Pan**—The strong and durable composite base pan provides added strength while resisting rust and corrosion, as well as reducing sound and vibration.
- **Isolated Compressor Compartment**—A molded composite bulkhead isolates the refrigeration components and the compressor from the rest of the unit, reducing sound and vibration.
- **Lower Installed Cost**—Designed to provide enhanced installability by featuring a slide-down control compartment that allows easy access to control components, along with angled service valves to reduce overall installation time and cost. Factory charged for a 15-foot lineset.
- **Factory Installed Filter-Drier**—A factory installed, solid core liquid line filter-drier removes harmful debris and moisture from the system.
- **Easy Service Access**—A full end, full service access panel with handle makes for easy entry to internal components.
- **Communications Capable**—Requiring only a simple 4-wire installation, the communicating capability enables the use of the touch screen Residential Communicating Control, allowing real time visibility of system operation and the use of diagnostic features, while still maintaining the ability to function with a traditional thermostat.
- **Complete System Control**—These heat pumps utilize the unique York Guard VI microprocessor defrost control system to provide optimal comfort as well as monitor the overall system for reliable operation. In the event improper operating conditions occur (high temperature and/or high pressure), the system will automatically shut the system down to extend the life of the heat pump. The defrost control features an internal memory to aid the technician in troubleshooting, reducing service time and cost.
- **Agency Listed**—Safety certified by CSA to UL 1995/CSA 22.2. Performance certified to ANSI/AHRI Standard 210/240 in accordance with the Unitary Small Equipment certification program.




† The YZF060 utilizes a two-stage compressor.

SPLIT SYSTEM HEAT PUMPS

Affinity™ Series

(YZH, YZF)



| Model | Nominal Cooling MBH | Nominal Cooling SEER* | Voltage | Nominal Heating MBH 47° | Heating HSPF* (up to) | Liquid Line (inches) | Suction Line (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) | |
|---|---|-----------------------|----------|-------------------------|-----------------------|---|-----------------------|---------------------|--------|--------|-------------------------------------|-----|
| | | | | | | | | H | W | D | | |
| Affinity™ 18 SEER Two-Stage Single-Phase Heat Pumps (YZH) w/R-410A | | | | | |  | | | | | | |
| YZH02412 | 24 | 17.00 | 208/230V | 24.0 | 9.9 | 3/8 | 3/4 | 40 | 42-1/4 | 34 | 295 | |
| YZH03612† |  | 36 | 18.00 | 208/230V | 36.0 | 10.2 | 3/8 | 3/4 | 40 | 42-1/4 | 34 | 295 |
| YZH04812 | 48 | 17.00 | 208/230V | 48.0 | 10.0 | 3/8 | 7/8 | 40 | 42-1/4 | 34 | 320 | |
| YZH06012 | 60 | 15.50 | 208/230V | 58.0 | 9.4 | 3/8 | 7/8 | 40 | 42-1/4 | 34 | 325 | |
| Affinity™ 16 SEER Single Stage Single-Phase Heat Pumps (YZF) w/R-410A | | | | | |  | | | | | | |
| YZF02413 | 24 | 15.00 | 208/230V | 24.0 | 9.0 | 3/8 | 3/4 | 40 | 37 | 31 | 199 | |
| YZF03013 | 30 | 16.00 | 208/230V | 29.4 | 9.0 | 3/8 | 3/4 | 40 | 42-1/4 | 34 | 228 | |
| YZF03613 | 36 | 15.00 | 208/230V | 36.0 | 9.0 | 3/8 | 3/4 | 40 | 42-1/4 | 34 | 230 | |
| YZF04214 | 42 | 15.00 | 208/230V | 39.5 | 9.0 | 3/8 | 7/8 | 40 | 42-1/4 | 34 | 234 | |
| YZF04813 | 48 | 15.00 | 208/230V | 47.0 | 9.0 | 3/8 | 7/8 | 40 | 42-1/4 | 34 | 283 | |
| YZF06013† | 60 | 15.00 | 208/230V | 58.0 | 9.0 | 3/8 | 7/8** | 40 | 42-1/4 | 34 | 298 | |

* Actual SEER and HSPF may vary depending on tonnage and matched indoor component.

** Adapter fitting required for 1-1/8" line set.

† The YZF060 utilizes a two-stage compressor.

‡ YZH036 model is recognized as the Most Efficient of ENERGY STAR® 2014 when used with the Affinity™ Residential Communicating Control.

Verify the actual ratings for each specific matchup in the online AHRI directory at www.ahridirectory.org at the time of sale.

It is also recommended to print the rating certificate, if needed, at time of sale.

SPLIT SYSTEM HEAT PUMPS

**Nominal Capacities**

| | |
|-------------|-----------------------------|
| YHJF | 18 to 60 MBH |
| YHJD | 18 to 60 MBH (Single-Phase) |
| YHJD | 30 to 60 MBH (Three-Phase) |
| YHJR | 18 to 60 MBH |

Efficiency Ratings

| | |
|-------------|--------------------|
| YHJF | 14.5 SEER/8.5 HSPF |
|-------------|--------------------|



| | |
|-------------|--|
| YHJD | 13 SEER/7.7 HSPF |
| YHJR | 13 SEER/7.7 HSPF with ECM Indoor Unit |

**Limited Warranties
(Compressor/Other Parts)**

| | |
|-------------|---------------------------------------|
| YHJF | 10 Years/10 Years**† |
| YHJD | 10 Years/5 Years**† (Single-Phase) |
| YHJD | 5 Years/1 Year (Three-Phase) |
| YHJR | 10 Years/5 Years**† |

* Extended 10-Years Limited Parts Warranty requires online registration within 90 days of installation. Otherwise, the parts warranty reverts to the standard 5-Years Limited Parts warranty.

**Extended 10-Years Limited Parts Warranty when unit is registered online within 90 days of installation.

† Does not apply to R-22 models, 3-Phase models, or internet sales. Please see Limited Warranty certificate in User's Manual for details.

LX Series**(YHJF, YHJD, YHJR)**

The LX series is York®'s mid-tier line of residential split system heat pump units. Models include:

- LX 14.5 SEER Heat Pump (YHJF)
- LX 13 SEER Heat Pump (YHJD)
- LX 13 SEER Heat Pump (YHJR)

These condensing units are the outdoor section of a versatile central cooling and/or heating system. Each model is engineered to be custom-matched with our complete line of indoor evaporator coil or air handler components, all of which have been designed to serve specific functions. Our design provides the flexibility needed to address all of the configurations that can be found in today's HVAC marketplace. The end result is a complete system capable of delivering many years of superior comfort, reliable performance, and worry-free operation.

Special Benefits

- **Small Footprint**—The compact footprint is a perfect fit for any application.
- **Quality Condenser Coils**—The coil is constructed of copper tubing and enhanced aluminum fins for increased performance.
- **Coil Protection**—Coils are protected from damage by a slotted, stamped steel coil guard.
- **Protected Compressor**—Compressors are protected internally by a high pressure relief valve and a temperature sensor, and externally by the system high pressure switch. A factory installed liquid line filter-drier further protects the compressor against moisture and debris.
- **Environmentally Friendly Refrigerant**—The next generation refrigerant R-410A delivers environmentally friendly performance with zero ozone depletion.
- **Durable Finish**—The cabinet is made of G90-equivalent powdercoated steel, with special primer formulas and matte texture to ensure less fading when exposed to sunlight. The coated steel wire fan guard and pre-treated, galvanized steel chassis components resist corrosion and rust creep.
- **Lower Installed Cost**—Installation time and costs are reduced by easy power and control wiring connections. The unit is factory charged for a 15-foot lineset. The small base dimension means less space is required on the ground or roof.
- **Top Discharge**—Warm air from the top mounted fan is blown up, away from the structure and any landscaping. This allows compact location on multi-unit applications.
- **Quiet Operation**—The compressor sound blanket and the swept wing fan blade keep sound to a minimum (YHJF only). The upward air flow carries the normal operating noise away from the living area. The rigid top panel effectively isolates any motor sound. Isolator mounted compressor and the condenser coil muffle the normal fan motor and compressor operating sounds.
- **Low Maintenance**—Long life, permanently lubricated motor-bearings need no annual servicing.
- **Easy Service Access**—Fully exposed refrigerant connections and a single panel covering the electrical controls make for easy servicing of the unit.
- **Secured Service Valves**—Secured, re-usable service valves are provided on both the liquid and vapor sweat connections for ease of evacuating and charging.
- **Advanced System Control**—These heat pumps feature a demand-defrost control system to provide optimal comfort and reliable operation over a wide range of conditions (YHJF only).
- **Agency Listed**—Safety certified by CSA to UL 1995/CSA 22.2. Performance certified to ANSI/AHRI Standard 210/240 in accordance with the Unitary Small Equipment certification program.


† The 5-ton system utilizes a two-stage compressor (YHJF only).

SPLIT SYSTEM HEAT Pumps

LX Series

(YHJF, YHJD, YHJR)



| Model | Nominal Cooling MBH | Cooling SEER* (up to) | Voltage | Nominal Heating MBH 47° | Heating HSPF† (up to) | Liquid Line (inches) | Suction Line (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|---------------------|-----------------------|----------|-------------------------|-----------------------|----------------------|-----------------------|---------------------|--------|--------|-------------------------------------|
| | | | | | | | | H | W | D | |
| LX 14.5 SEER Single-Phase Heat Pumps (YHJF) w/ R-410A  | | | | | | | | | | | |
| YHJF18S41S1 | 18 | 15.00 | 208/230V | 18.0 | 9.0 | 3/8 | 3/4 | 28-1/4 | 34 | 34 | 145 |
| YHJF24S41S1 | 24 | 15.00 | 208/230V | 22.2 | 9.0 | 3/8 | 3/4 | 40-1/4 | 29-1/2 | 29-1/2 | 145 |
| YHJF30S41S1 | 30 | 15.00 | 208/230V | 30.0 | 9.0 | 3/8 | 3/4 | 40-1/4 | 34 | 34 | 176 |
| YHJF36S41S4 | 36 | 15.00 | 208/230V | 34.6 | 9.0 | 3/8 | 3/4 | 40-1/4 | 34 | 34 | 193 |
| YHJF42S41S5 | 42 | 15.00 | 208/230V | 39.5 | 9.0 | 3/8 | 7/8 | 40-1/4 | 34 | 34 | 198 |
| YHJF48S41S5 | 48 | 15.00 | 208/230V | 47.0 | 9.0 | 3/8 | 7/8 | 40-1/4 | 34 | 34 | 248 |
| YHJF60S41S1 | 60 | 15.00 | 208/230V | 58.0 | 9.0 | 3/8 | 7/8 | 40-1/4 | 34 | 34 | 290 |
| LX 13 SEER Single-Phase Heat Pumps (YHJD) w/ R-410A | | | | | | | | | | | |
| YHJD18S41S2 | 18 | 14.50 | 208/230V | 18.0 | 8.3 | 3/8 | 3/4 | 28-1/4 | 34 | 34 | 172 |
| YHJD24S41S5 | 24 | 14.50 | 208/230V | 23.4 | 8.2 | 3/8 | 3/4 | 32-1/4 | 34 | 34 | 194 |
| YHJD30S41S5 | 30 | 14.50 | 208/230V | 27.6 | 8.2 | 3/8 | 3/4 | 36-1/4 | 34 | 34 | 204 |
| YHJD36S41S4 | 36 | 14.50 | 208/230V | 31.4 | 8.2 | 3/8 | 3/4 | 40-1/4 | 34 | 34 | 218 |
| YHJD42S41S4 | 42 | 14.50 | 208/230V | 40.0 | 8.2 | 3/8 | 7/8 | 40-1/4 | 34 | 34 | 218 |
| YHJD48S41S4 | 48 | 14.50 | 208/230V | 46.0 | 8.5 | 3/8 | 7/8 | 40-1/4 | 34 | 34 | 285 |
| YHJD60S41S6 | 60 | 14.00 | 208/230V | 56.5 | 8.0 | 3/8 | 7/8 | 40-1/4 | 34 | 34 | 290 |
| LX 13 SEER Three-Phase Heat Pumps (YHJD) w/ R-410A | | | | | | | | | | | |
| YHJD30S43S4 | 30 | 14.50 | 208/230V | 27.6 | 8.2 | 3/8 | 3/4 | 36-1/4 | 34 | 34 | 196 |
| YHJD36S43S4 | 36 | 14.50 | 208/230V | 31.4 | 8.2 | 3/8 | 3/4 | 40-1/4 | 34 | 34 | 208 |
| YHJD42S43S4 | 42 | 14.20 | 208/230V | 40.0 | 8.2 | 3/8 | 7/8 | 40-1/4 | 34 | 34 | 208 |
| YHJD48S43S3 | 48 | 14.00 | 208/230V | 45.0 | 8.2 | 3/8 | 7/8 | 40-1/4 | 34 | 34 | 248 |
| YHJD60S43S5 | 60 | 14.50 | 208/230V | 57.5 | 8.2 | 3/8 | 7/8 | 40-1/4 | 34 | 34 | 280 |
| YHJD30S44S4 | 30 | 14.50 | 460V | 27.6 | 8.2 | 3/8 | 3/4 | 36-1/4 | 34 | 34 | 196 |
| YHJD36S44S4 | 36 | 14.50 | 460V | 31.4 | 8.2 | 3/8 | 3/4 | 40-1/4 | 34 | 34 | 208 |
| YHJD42S44S4 | 42 | 14.20 | 460V | 40.0 | 8.2 | 3/8 | 7/8 | 40-1/4 | 34 | 34 | 208 |
| YHJD48S44S3 | 48 | 14.00 | 460V | 45.0 | 8.2 | 3/8 | 7/8 | 40-1/4 | 34 | 34 | 248 |
| YHJD60S44S5 | 60 | 14.50 | 460V | 57.5 | 8.2 | 3/8 | 7/8 | 40-1/4 | 34 | 34 | 280 |
| LX 13 SEER Single-Phase Heat Pumps (YHJR) w/ R-410A | | | | | | | | | | | |
| YHJR18S41S3 | 18 | 13.00 | 208/230V | 17.8 | 7.7 | 3/8 | 3/4 | 28-1/4 | 24 | 24 | 145 |
| YHJR24S41S4 | 24 | 13.00 | 208/230V | 22.2 | 7.7 | 3/8 | 3/4 | 28-1/4 | 24 | 24 | 145 |
| YHJR30S41S4 | 30 | 13.00 | 208/230V | 28.6 | 7.7 | 3/8 | 3/4 | 28-1/4 | 29-1/2 | 29-1/2 | 176 |
| YHJR36S41S4 | 36 | 13.00 | 208/230V | 32.2 | 7.7 | 3/8 | 3/4 | 28-1/4 | 34 | 34 | 193 |
| YHJR42S41S4 | 42 | 13.00 | 208/230V | 36.0 | 7.7 | 3/8 | 7/8 | 28-1/4 | 34 | 34 | 198 |
| YHJR48S41S4 | 48 | 13.00 | 208/230V | 45.5 | 7.7 | 3/8 | 7/8 | 40-1/4 | 34 | 34 | 248 |
| YHJR60S41S6 | 60 | 14.50 | 208/230V | 56.5 | 7.7 | 3/8 | 7/8 | 40-1/4 | 34 | 34 | 290 |

* Actual SEER and HSPF may vary depending on tonnage and matched indoor component.

Verify the actual ratings for each specific matchup in the online AHRI directory at www.ahridirectory.org at the time of sale.

It is also recommended to print the rating certificate, if needed, at time of sale.

DUCTLESS PRODUCTS

**Nominal Capacities**

| | |
|-------------|-----------------------------------|
| DHPM | 3/4–2-3/4 Tons |
| DCPM | 3/4–2-3/4 Tons |
| DHMF | 3/4–1-3/4 Tons (Single-Zone) |
| DHMF | 1-1/2–3-3/10 Tons (Multi-Zone) |
| DCMF | 3/4–1-3/4 Tons |

Efficiency Ratings

| | |
|-------------|--------------------------|
| DHPM | 16–22 SEER/8.2–10.0 HSPF |
| DCPM | 16–22 SEER |



| | |
|-------------|---------------------------------------|
| DHMF | 16 SEER/8.5–9.5 HSPF (Single-Zone) |
| DHMF | 16 SEER/8.0–8.2 HSPF (Multi-Zone) |
| DCMF | 16 SEER |

**Limited Warranties
(Compressor/Other Parts)**

All Models 6 Years/2 Years

Ductless Mini-Split Heat Pump and Air Conditioning Systems

(DHPM, DCPM, DHMF, DCMF)



Fit more comfort into more places with space-saving, energy-saving York® ductless air conditioner and heat pump systems. They are the perfect solution for homes without ductwork—and for room additions or remodels where customers want to eliminate the cost and hassle of installing ducts. They offer an exact degree of individualized temperature control for each wall-mounted indoor to minimize electricity costs.

Models include:

- Affinity™ 16–22 SEER Heat Pump (DHPM)
- Affinity™ 16–22 SEER Air Conditioner (DCPM)
- LX 16 SEER Single-Zone Heat Pump (DHMF)
- LX 16 SEER Multi-Zone Heat Pump (DHMF)
- LX 16 SEER Air Conditioner (DCMF)

Special Benefits

- Wireless Remote Control Has Built-in Temperature Sensor—Unique “I FEEL” function can be set to satisfy the cooling or heating set point temperature required by that particular indoor unit wherever it is located.
- Sell Jobs Where Ductwork Is Not Needed nor Wanted—Mini-split systems fit applications where a smaller outdoor unit—and slim wall-mounted indoor units—fit a variety of spaces without ductwork, including dining, entertaining, working or sleeping.
- Choose Single-Zone or Multi-Zone Models—Create distinct comfort levels in each room for up to five rooms. Multiple systems can be combined to provide more comfort for larger spaces.
- No Special Wiring Needed—Units are available for common household current (115 V) or standard appliance current (208-230 V) to minimize wiring and installation costs.
- Sell Customers on Superb Energy Savings—Most York® mini-split systems are ENERGY STAR® certified, with products operating up to 22 SEER cooling efficiency and up to 10 HSPF heating efficiency—providing nearly 30% more energy savings than typical ducted central air conditioning systems!
- Silent operation is easy to sell with whisper quiet indoor and outdoor units.
- “Cold Blow” Prevention Feature—Slightly delays the indoor fan at the start of a cycle to make sure the air comes out warm to keep customers cozy.
- “Turbo” Function for Quick Comfort—When “Turbo” function is activated on the remote control, the system ramps up to maximum capacity in the shortest possible time to make the space more comfortable more quickly.
- Save Energy While You Sleep—Activating the “Sleep Mode” function automatically raises or lowers cooling or heating temperature once you are asleep for a scheduled period of time—letting you save energy when you won’t a notice gradual temperature change.






| Outdoor Model Number | Indoor Model Number | Cooling | | | High Heating 47 F | | Low Heating 17 F |
|--|---------------------|---|---|------|-------------------|------|------------------|
| | | Capacity (BTUH) | EER | SEER | Capacity (BTUH) | HSPF | Capacity (BTUH) |
| Affinity™ 16 to 22 SEER Heat Pump Models | |  |  | | | | |
| DHPM09CSM41Q1 | DHPM09NWM41Q1 | 9,000 | 14.2 | 22 | 9,500 | 9.8 | 5,400 |
| DHPM09CSM42Q1 | DHPM09NWM42Q1 | 9,000 | 14.2 | 22 | 9,800 | 9.2 | 5,500 |
| DHPM12CSM41Q1 | DHPM12NWM41Q1 | 12,000 | 12.5 | 20 | 12,100 | 9.6 | 7,500 |
| DHPM12CSM42Q1 | DHPM12NWM42Q1 | 12,000 | 12.0 | 20 | 13,000 | 9.2 | 7,600 |
| DHPM18CSM42Q1 | DHPM18NWM42Q1 | 18,000 | 12.0 | 18 | 19,800 | 10.0 | 12,700 |
| DHPM24CSM42Q1 | DHPM24NWM42Q1 | 21,400 | 12.0 | 18 | 23,000 | 10.0 | 15,000 |
| DHPM30CSM42Q1 | DHPM30NWM42Q1 | 28,000 | 9.3 | 16 | 30,600 | 8.2 | 18,400 |
| DHPM36CSM42Q1 | DHPM36NWM42Q1 | 33,600 | 8.2 | 16 | 36,400 | 8.2 | 20,600 |

DUCTLESS PRODUCTS

Ductless Mini-Split Heat Pump and Air Conditioning Systems

(DHPM, DCPM, DHMF, DCMF)



| Outdoor Model Number | Indoor Model Number | Cooling | | | High Heating 47 F | | Low Heating 17 F |
|--|---|---|---|------|-------------------|------|------------------|
| | | Capacity (BTUH) | EER | SEER | Capacity (BTUH) | HSPF | Capacity (BTUH) |
| Affinity™ 16 to 22 SEER Air Conditioner Models | |  |  | | | | |
| DCPM09CSM41Q1 | DCPM09NWM41Q1 | 9,000 | 14.2 | 22 | — | — | — |
| DCPM09CSM42Q1 | DCPM09NWM42Q1 | 9,000 | 14.2 | 22 | — | — | — |
| DCPM12CSM41Q1 | DCPM12NWM41Q1 | 12,000 | 12.5 | 20 | — | — | — |
| DCPM12CSM42Q1 | DCPM12NWM42Q1 | 12,000 | 12.0 | 20 | — | — | — |
| DCPM18CSM42Q1 | DCPM18NWM42Q1 | 18,000 | 12.0 | 18 | — | — | — |
| DCPM24CSM42Q1 | DCPM24NWM42Q1 | 21,400 | 12.0 | 18 | — | — | — |
| DCPM36CSM42Q1 | DCPM36NWM42Q1 | 33,600 | 8.2 | 16 | — | — | — |
| LX 16 SEER Single-Zone Heat Pump Models | |  | | | | | |
| DHMF09CSM42Q1 | DHMF09NWM42Q1 | 9,000 | 10.2 | 16 | 9,000 | 8.5 | 5,300 |
| DHMF12CSM42Q1 | DHMF12NWM42Q1 | 12,000 | 9.8 | 16 | 12,000 | 8.5 | 6,800 |
| DHMF18CSM42Q1 | DHMF18NWM42Q1 | 18,000 | 11.1 | 16 | 19,200 | 8.0 | 12,000 |
| DHMF24CSM42Q1 | DHMF24NWM42Q1 | 22,000 | 10.0 | 16 | 26,600 | 9.5 | 18,600 |
| LX 16 SEER Multi-Zone* Heat Pump Models | |  | | | | | |
| DHMF18CMM42Q1 | (2) DHPM09NWM42Q1 | 17,500 | 8.5 | 16 | 19,000 | 8.2 | 12,400 |
| DHMF18CMM42Q1 | (1) DHPM09NWM42Q1 + (1) DHPM12NWM42Q1 | 17,500 | 8.5 | 16 | 19,000 | 8.2 | 11,400 |
| DHMF24CMM42Q1 | (2) DHPM09NWM42Q1 + (1) DHPM12NWM42Q1 | 26,000 | 8.2 | 16 | 29,000 | 8.2 | 17,000 |
| DHMF24CMM42Q1 | (3) DHPM09NWM42Q1 | 26,000 | 8.2 | 16 | 29,000 | 8.2 | 17,000 |
| DHMF24CMM42Q1 | (1) DHPM09NWM42Q1 + (2) DHPM12NWM42Q1 | 26,000 | 8.2 | 16 | 29,000 | 8.2 | 17,000 |
| DHMF30CMM42Q1 | (4) DHPM09NWM42Q1 | 29,000 | 7.3 | 16 | 30,400 | 8.2 | 16,500 |
| DHMF30CMM42Q1 | (1) DHPM09NWM42Q1 + (2) DHPM12NWM42Q1 + (1) DHPM18NWM42Q1 | 29,000 | 7.3 | 16 | 30,400 | 8.2 | 16,500 |
| DHMF42CMM42Q1 | — | 40,000 | 7.3 | 16 | 43,000 | 8.0 | 24,800 |
| LX 16 SEER Air Conditioner Models | |  | | | | | |
| DCMF09CSM42Q1 | DCMF09NWM42Q1 | 9,000 | 10.2 | 16 | — | — | — |
| DCMF12CSM42Q1 | DCMF12NWM42Q1 | 12,000 | 9.8 | 16 | — | — | — |
| DCMF18CSM42Q1 | DCMF18NWM42Q1 | 18,000 | 11.1 | 16 | — | — | — |
| DCMF24CSM42Q1 | DCMF24NWM42Q1 | 22,000 | 10.0 | 16 | — | — | — |

* For other possible match-ups with an outdoor multi-zone unit, please refer to pages 2 and 3 in the product technical guide.

AIR HANDLERS

**Nominal Capacities**

| | |
|--------------|--------------|
| AHV | 18 to 60 MBH |
| AHX61 | 48 to 60 MBH |
| AHE | 18 to 60 MBH |
| AHR | 18 to 60 MBH |
| MV | 36 to 60 MBH |
| MX | 36 to 60 MBH |
| MA | 24 to 60 MBH |

**Limited Warranties
(Limited Parts)**

| | |
|--------------|-----------|
| AHV | 10 Years* |
| AHX61 | 10 Years* |
| AHE | 10 Years* |
| AHR | 10 Years* |
| MV | 10 Years* |
| MX | 10 Years* |
| MA | 10 Years* |

* For 10-year limited parts warranty, system must be registered online within 90 days of installation. Otherwise the parts warranty reverts to a 5-year limited parts warranty.

Air Handlers

(AHV, AHX61, AHE, AHR, MV, MX, MA)

York offers top-quality air handlers for use in virtually any application. They are available for installation in upflow, downflow, horizontal left or right position with minor adjustments. Models include:

- Affinity™ Variable-Speed Air Handlers (AHV, MV)
- LX Single-Piece Air Handlers (AHX61, AHE, MX)
- Latitude™ Single-Piece Air Handlers (AHR, MA)

Special Benefits**Affinity™ Series Variable-Speed Air Handlers (AHV)**

- Advanced variable-speed ECM motor helps save energy, which allows longer periods of air circulation for more comfort at less cost.
- Communications Capable—Requiring only a simple, four-wire installation, the communicating capability enables the use of the touch screen Affinity™ Residential Communicating Control. This allows real time visibility of system operation and the use of diagnostic features while still maintaining the ability to function with a traditional thermostat.
- ClimaTrak™ technology allows customization of the air handler's settings to match the comfort requirements specific to different climate regions.
- All air handler cabinets are thermally insulated with foil-faced insulation to prevent sweating.

LX Series Single-Piece Air Handlers (AHX61, AHE)

- High-efficiency standard ECM motors.
- Compact design saves space.
- Tighter cabinet keeps contaminants out of the air flow.
- Pre-painted steel cabinet for added durability that resists corrosion and rust creep.
- Better coil drainage of moisture and condensate with positively sloped drain pan.

Latitude™ Series Single-Piece Air Handlers (AHR)

- Pre-painted steel cabinet for added durability.
- Foil-faced insulation keeps fiberglass from entering air stream.
- Quiet operation, no harsh stops and starts.
- Compact units fit easily into crawl spaces and attic access openings.
- Positive-slope drain pan produces a completely drained condensate pan after each air conditioning cycle.

Modular Air Handlers (MV, MX, MA)

- Flexible, modular design handles any applications.
- Match with cased coils for specific system ratings.
- Easy installation for tight fit applications.
- Modular air handler can be used as a stand-alone electric furnace with approved heat kits.
- MV models include ClimaTrak™ technology and are communications capable with Affinity™ Residential Communicating Control.
- MX models include high-efficiency standard ECM motors.
- MA models include 115V/Single-phase and 460V/3-Phase models for unique applications.

AIR HANDLERS

Air Handlers

(AHV, MV, AHX61, AHE, MX)



| Model | Nominal Capacity (tons) | Refrigerant Metering Device | Electric Available (kW) | Dimensions (inches) | | | Voltage | Filter Size (inches) | Approximate Operating Weight (lbs.) |
|--|-------------------------|-----------------------------|---------------------------------|---------------------|--------|--------|----------|----------------------|-------------------------------------|
| | | | | H | W | D | | | |
| Affinity™ Variable-Speed Air Handlers (AHV) or Modular Air Handlers (MV) | | | | | | | | | |
| AHV18B3XH21 | 1.5 | Flex | 2, 5, 8, 10 | 46 | 17-1/2 | 21-1/2 | 208/230V | 16 x 20 | 104 |
| AHV24B3XH21 | 2 | Flex | 2, 5, 8, 10, 13, 15 | 46 | 17-1/2 | 21-1/2 | 208/230V | 16 x 20 | 106 |
| AHV30B3XH21 | 2.5 | Flex | 2, 5, 8, 10, 13, 15 | 46 | 17-1/2 | 21-1/2 | 208/230V | 16 x 20 | 106 |
| AHV36C3XH21 | 3 | Flex | 2, 5, 8, 10, 13, 15, 18, 20 | 52 | 21 | 21-1/2 | 208/230V | 20 x 20 | 138 |
| AHV42D3XH21 | 3.5 | Flex | 2, 5, 8, 10, 13, 15 | 57 | 24-1/2 | 21-1/2 | 208/230V | 22 x 20 | 151 |
| AHV48D3XH21 | 4 | Flex | 2, 5, 8, 10, 13, 15, 18, 20 | 57 | 24-1/2 | 21-1/2 | 208/230V | 22 x 20 | 154 |
| AHV60D3XH21 | 5 | Flex | 2, 5, 8, 10, 13, 15, 18, 20, 25 | 57 | 24-1/2 | 21-1/2 | 208/230V | 22 x 20 | 157 |
| MV12B | 3 | — | 5, 8, 10, 13, 15 | 25 | 17-1/2 | 21-1/2 | 208/230V | 16 x 20 | 71 |
| MV12D | 3 | — | 5, 8, 10, 13, 15, 18, 20 | 25 | 24-1/2 | 21-1/2 | 208/230V | 24 x 20 | 82 |
| MV16C | 4 | — | 5, 8, 10, 13, 15, 18, 20 | 25 | 21 | 21-1/2 | 208/230V | 20 x 20 | 82 |
| MV20D | 5 | — | 5, 8, 10, 13, 15, 18, 20, 25 | 25 | 24-1/2 | 21-1/2 | 208/230V | 24 x 20 | 88 |
| LX Single-Piece Air Handlers (AHX61, AHE) or Modular Air Handlers (MX) | | | | | | | | | |
| AHX61D4PH21 | 5 | TXV | 5, 10, 20, 25, 30 | 57 | 24-1/2 | 21-1/2 | 208/230V | 20 x 20 | 215 |
| AHX61D4P121 | 5 | TXV | 5, 10, 20, 25, 30 | 57 | 24-1/2 | 21-1/2 | 208/230V | 20 x 20 | 215 |
| AHE18B3XH21 | 1.5 | Flex | 2, 5, 8, 10 | 46 | 17-1/2 | 21-1/2 | 208/230V | 16 x 20 | 103 |
| AHE24B3XH21 | 2 | Flex | 2, 5, 8, 10, 13, 15 | 46 | 17-1/2 | 21-1/2 | 208/230V | 16 x 20 | 105 |
| AHE30B3XH21 | 2.5 | Flex | 2, 5, 8, 10, 13, 15 | 46 | 17-1/2 | 21-1/2 | 208/230V | 16 x 20 | 105 |
| AHE36C3XH21 | 3 | Flex | 2, 5, 8, 10, 13, 15, 18, 20 | 52 | 21 | 21-1/2 | 208/230V | 20 x 20 | 137 |
| AHE42D3XH21 | 3.5 | Flex | 2, 5, 8, 10, 13, 15 | 57 | 24-1/2 | 21-1/2 | 208/230V | 22 x 20 | 150 |
| AHE48D3XH21 | 4 | Flex | 2, 5, 8, 10, 13, 15, 18, 20 | 57 | 24-1/2 | 21-1/2 | 208/230V | 22 x 20 | 153 |
| AHE60D3XH21 | 5 | Flex | 2, 5, 8, 10, 13, 15, 18, 20, 25 | 57 | 24-1/2 | 21-1/2 | 208/230V | 22 x 20 | 156 |
| MX12B | 3 | — | 5, 8, 10, 13, 15 | 25 | 17-1/2 | 16-1/2 | 230V | 16 x 20 | 66 |
| MX12D | 3 | — | 5, 8, 10, 13, 15, 18, 20 | 25 | 24-1/2 | 23-1/2 | 230V | 24 x 20 | 77 |
| MX16C | 4 | — | 5, 8, 10, 13, 15, 18, 20 | 25 | 21 | 20 | 230V | 20 x 20 | 77 |
| MX20D | 5 | — | 5, 8, 10, 13, 15, 18, 20, 25 | 25 | 24-1/2 | 23-1/2 | 230V | 24 x 20 | 83 |

AIR HANDLERS



Air Handlers
(AHR, MA)

| Model | Nominal Capacity (tons) | Refrigerant Metering Device | Electric Available (kW) | Dimensions (inches) | | | Voltage | Filter Size (inches) | Approximate Operating Weight (lbs.) |
|--|-------------------------|-----------------------------|-----------------------------|---------------------|--------|--------|-----------|----------------------|-------------------------------------|
| | | | | H | W | D | | | |
| Latitude™ Single-Piece Air Handlers (AHR) or Modular Air Handlers (MA) | | | | | | | | | |
| AHR18B3XH21 | 1.5 | Flex or TXV | 2, 5, 8, 10 | 46 | 17-1/2 | 21-1/2 | 208/230V | 16 x 20 | 100 |
| AHR24B3XH21 | 2 | Flex or TXV | 2, 5, 8, 10, 15 | 46 | 17-1/2 | 21-1/2 | 208/230V | 16 x 20 | 102 |
| AHR30B3XH21 | 2.5 | Flex or TXV | 2, 5, 8, 10, 15 | 46 | 17-1/2 | 21-1/2 | 208/230V | 16 x 20 | 105 |
| AHR36B3XH21 | 3 | Flex or TXV | 2, 5, 10, 15, 18, 20 | 46 | 17-1/2 | 21-1/2 | 208/230V | 16 x 20 | 110 |
| AHR42C3XH21 | 3.5 | Flex or TXV | 2, 5, 8, 10, 15 | 52 | 21 | 21-1/2 | 208/230V | 20 x 20 | 133 |
| AHR48D3XH21 | 4 | Flex or TXV | 2, 5, 8, 10, 15, 18, 20 | 57 | 24-1/2 | 21-1/2 | 208/230V | 22 x 20 | 147 |
| AHR60D3XH21 | 5 | Flex or TXV | 2, 5, 8, 10, 15, 18, 20, 25 | 57 | 24-1/2 | 21-1/2 | 208/230V | 22 x 20 | 150 |
| MA08B | 2 | — | 2, 5, 8, 10, 13 | 25 | 17-1/2 | 21-1/2 | 208/230V† | 16 x 20 | 71 |
| MA12B | 3 | — | 5, 8, 10, 13, 15 | 25 | 17-1/2 | 21-1/2 | 208/230V† | 16 x 20 | 78 |
| MA14D | 3.5 | — | 5, 8, 10, 15, 18, 20 | 25 | 24-1/2 | 21-1/2 | 208/230V† | 24 x 20 | 88 |
| MA16C | 4 | — | 5, 8, 10, 15, 18, 20 | 25 | 21 | 21-1/2 | 208/230V† | 20 x 20 | 84 |
| MA20D | 5 | — | 8, 10, 15, 18, 20, 25 | 25 | 24-1/2 | 21-1/2 | 208/230V† | 24 x 20 | 91 |

† Also available with 115-1-60 or 460-3-60.

EVAPORATOR COILS

Evaporator Coils

(HD, MC, UC, FC, PC)

York offers evaporator coils for cooling and heat pump applications. They are engineered to be installed with York® furnaces and to be matched with York® cooling and heat pump outdoor units. All coils are available as sweat-connect models for convenience and ease of matching. Models include:

- Horizontal Duct Evaporator Coil (HD)
- Full Cased Multi-position Evaporator Coil (MC)
- Uncased Upflow/Downflow Evaporator Coil (UC)
- Full Cased Upflow/Downflow Evaporator Coil (FC)
- Half Cased Upflow Evaporator Coil (PC)

Special Benefits

Evaporator Coils (HD, MC, UC, FC, PC)

- Upflow, downflow and multi-position coils are available in high-capacity models to match many systems and furnaces or air handlers.
- Horizontal duct coils are available to match many cooling or heat pump systems and horizontal furnaces. Field transition may be required.
- All York® evaporator coils are factory leak-tested, dehydrated, sealed and shipped with a holding charge.
- Coil casings are made of pre-painted steel to resist rust and corrosion.
- Staggered rows of rifled copper tubes provide optimum moisture removal and high performance.
- Optional thermal expansion valve kits (TXV) are available as field options using bolt on design TXVs.
- FC or MC cased coils may be used with modular air handlers to make a two piece air handler for certain applications.



Nominal Capacities

HD, MC, UC, FC, PC

18 to 60 MBH

1-1/2 to 5-1/2-ton coils

Limited Warranties

HD, MC, UC, FC, PC 10 Years*

* For 10-year limited parts warranty, system must be registered online within 90 days of installation. Otherwise the parts warranty reverts to a 5-year limited parts warranty.

| Model | Nominal Capacity Range | Application | Metering Device | Dimensions (inches) | | | Liquid Line (inches) | Suction Line (inches) | Approximate Operating Weight (lbs.) |
|---------------------------------------|------------------------|-------------|-----------------|---------------------|--------|-------|----------------------|-----------------------|-------------------------------------|
| | | | | H | W | D | | | |
| Horizontal Duct Evaporator Coils (HD) | | | | | | | | | |
| HD24S3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 24 | 28-3/4 | 5-5/8 | 3/8 | 3/4 | 40 |
| HD36S3XC1 | 2.5, 3, 3.5 | AC/HP | Flex | 28 | 28-3/4 | 5-5/8 | 3/8 | 7/8 | 40 |
| HD48S3XC1 | 3, 3.5, 4, 4.5 | AC/HP | Flex | 28 | 34-3/4 | 5-5/8 | 3/8 | 7/8 | 46 |
| HD60S3XC1 | 4, 4.5, 5, 5.5 | AC/HP | Flex | 30 | 34-3/4 | 5-5/8 | 3/8 | 7/8 | 54 |

EVAPORATOR COILS



Evaporator Coils

(MC, UC)

| Model | Nominal Capacity Range | Application | Metering Device | Dimensions (inches) | | | Liquid Line (inches) | Suction Line (inches) | Approximate Operating Weight (lbs.) |
|---|------------------------|-------------|-----------------|---------------------|--------|--------|----------------------|-----------------------|-------------------------------------|
| | | | | H | W | D | | | |
| Full Cased Multi-position Evaporator Coils (MC) | | | | | | | | | |
| MC18A3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 22 | 14-1/2 | 21-1/2 | 3/8 | 3/4 | 53 |
| MC18B3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 22 | 17-1/2 | 21-1/2 | 3/8 | 3/4 | 53 |
| MC24A3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 26-1/2 | 14-1/2 | 21-1/2 | 3/8 | 3/4 | 56 |
| MC24B3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 26-1/2 | 17-1/2 | 21-1/2 | 3/8 | 3/4 | 56 |
| MC30A3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 26-1/2 | 14-1/2 | 21-1/2 | 3/8 | 3/4 | 56 |
| MC30B3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 26-1/2 | 17-1/2 | 21-1/2 | 3/8 | 3/4 | 56 |
| MC32A3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 22 | 14-1/2 | 21-1/2 | 3/8 | 3/4 | 61 |
| MC35B3XC1 | 2, 2.5, 3 | AC/HP | Flex | 22 | 17-1/2 | 21-1/2 | 3/8 | 3/4 | 67 |
| MC35C3XC2 | 2, 2.5, 3 | AC/HP | Flex | 22 | 21 | 21-1/2 | 3/8 | 3/4 | 69 |
| MC36A3XC1 | 2, 2.5, 3 | AC/HP | Flex | 26-1/2 | 14-1/2 | 21-1/2 | 3/8 | 7/8 | 64 |
| MC36B3XC1 | 2, 2.5, 3 | AC/HP | Flex | 26-1/2 | 17-1/2 | 21-1/2 | 3/8 | 7/8 | 65 |
| MC36C3XC1 | 2.5, 3, 3.5 | AC/HP | Flex | 26-1/2 | 21 | 21-1/2 | 3/8 | 7/8 | 65 |
| MC37A3XC1 | 2, 2.5, 3 | AC/HP | Flex | 26-1/2 | 14-1/2 | 21-1/2 | 3/8 | 3/4 | 63 |
| MC42B3XC1 | 3, 3.5, 4 | AC/HP | Flex | 32 | 17-1/2 | 21-1/2 | 3/8 | 7/8 | 72 |
| MC42C3XC1 | 3, 3.5, 4 | AC/HP | Flex | 32 | 21 | 21-1/2 | 3/8 | 7/8 | 72 |
| MC43B3XC1 | 2.5, 3, 3.5 | AC/HP | Flex | 26-1/2 | 17-1/2 | 21-1/2 | 3/8 | 7/8 | 73 |
| MC43C3XC1 | 2.5, 3, 3.5 | AC/HP | Flex | 26-1/2 | 21 | 21-1/2 | 3/8 | 7/8 | 75 |
| MC48C3XC1 | 3, 3.5, 4 | AC/HP | Flex | 32 | 21 | 21-1/2 | 3/8 | 7/8 | 82 |
| MC48D3XC1 | 3, 3.5, 4 | AC/HP | Flex | 32 | 24-1/2 | 21-1/2 | 3/8 | 7/8 | 82 |
| MC60D3XC1 | 4, 5 | AC/HP | Flex | 32 | 24-1/2 | 21-1/2 | 3/8 | 7/8 | 86 |
| MC62D3XC1 | 4, 5 | AC/HP | Flex | 36 | 24-1/2 | 21-1/2 | 3/8 | 7/8 | 98 |
| Uncased Upflow/Downflow Evaporator Coils (UC) | | | | | | | | | |
| UC18A3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 17 | 13 | 19-7/8 | 3/8 | 3/4 | 18 |
| UC18B3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 16-1/2 | 16 | 19-7/8 | 3/8 | 3/4 | 20 |
| UC24A3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 21 | 13 | 19-7/8 | 3/8 | 3/4 | 22 |
| UC24B3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 20-1/2 | 16 | 19-7/8 | 3/8 | 3/4 | 23 |
| UC30A3XC1 | 2, 2.5, 3 | AC/HP | Flex | 21 | 13 | 19-7/8 | 3/8 | 3/4 | 22 |
| UC30B3XC1 | 2, 2.5, 3 | AC/HP | Flex | 20-1/2 | 16 | 19-7/8 | 3/8 | 3/4 | 23 |
| UC36A3XC1 | 2.5, 3, 3.5 | AC/HP | Flex | 23-1/2 | 13 | 19-7/8 | 3/8 | 7/8 | 25 |
| UC36B3XC1 | 2.5, 3, 3.5 | AC/HP | Flex | 22-1/2 | 16 | 19-7/8 | 3/8 | 7/8 | 28 |
| UC36C3XC1 | 2.5, 3, 3.5 | AC/HP | Flex | 22 | 19-1/2 | 19-7/8 | 3/8 | 7/8 | 30 |
| UC42B3XC1 | 3, 3.5, 4 | AC/HP | Flex | 26-1/2 | 16 | 19-7/8 | 3/8 | 7/8 | 34 |
| UC42C3XC1 | 3, 3.5, 4 | AC/HP | Flex | 25-1/2 | 19-1/2 | 19-7/8 | 3/8 | 7/8 | 36 |
| UC48C3XC1 | 3, 3.5, 4 | AC/HP | Flex | 23-1/2 | 19-1/2 | 19-7/8 | 3/8 | 7/8 | 38 |
| UC48D3XC1 | 3, 3.5, 4 | AC/HP | Flex | 23 | 23 | 19-7/8 | 3/8 | 7/8 | 42 |
| UC60C3XC1 | 4, 5 | AC/HP | Flex | 25-1/2 | 19-1/2 | 19-7/8 | 3/8 | 7/8 | 42 |
| UC60D3XC1 | 4, 5 | AC/HP | Flex | 25 | 23 | 19-7/8 | 3/8 | 7/8 | 45 |

EVAPORATOR COILS

Evaporator Coils

(FC)



| Model | Nominal Capacity Range | Application | Metering Device | Dimensions (inches) | | | Liquid Line (inches) | Suction Line (inches) | Approximate Operating Weight (lbs.) |
|--|------------------------|-------------|-----------------|---------------------|--------|--------|----------------------|-----------------------|-------------------------------------|
| | | | | H | W | D | | | |
| Full Cased Upflow/Downflow Evaporator Coils (FC) | | | | | | | | | |
| FC18A3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 18 | 14-1/2 | 21-1/2 | 3/8 | 3/4 | 42 |
| FC18B3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 18 | 17-1/2 | 21-1/2 | 3/8 | 3/4 | 44 |
| FC24A3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 22 | 14-1/2 | 21-1/2 | 3/8 | 3/4 | 46 |
| FC24B3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 22 | 17-1/2 | 21-1/2 | 3/8 | 3/4 | 50 |
| FC30A3XC1 | 2, 2.5, 3 | AC/HP | Flex | 22 | 14-1/2 | 21-1/2 | 3/8 | 3/4 | 46 |
| FC30B3XC1 | 2, 2.5, 3 | AC/HP | Flex | 22 | 17-1/2 | 21-1/2 | 3/8 | 3/4 | 50 |
| FC32A3XC1 | 2, 2.5, 3 | AC/HP | Flex | 20 | 17-1/2 | 21-1/2 | 3/8 | 3/4 | 49 |
| FC35B3XC1 | 2, 2.5, 3 | AC/HP | Flex | 20 | 17-1/2 | 21-1/2 | 3/8 | 3/4 | 53 |
| FC35C3XC1 | 2, 2.5, 3 | AC/HP | Flex | 24-1/2 | 21 | 21-1/2 | 3/8 | 3/4 | 55 |
| FC36A3XC1 | 2.5, 3, 3.5 | AC/HP | Flex | 24-1/2 | 14-1/2 | 21-1/2 | 3/8 | 7/8 | 51 |
| FC36B3XC1 | 2.5, 3, 3.5 | AC/HP | Flex | 24-1/2 | 17-1/2 | 21-1/2 | 3/8 | 7/8 | 53 |
| FC36C3XC1 | 2.5, 3, 3.5 | AC/HP | Flex | 24-1/2 | 21 | 21-1/2 | 3/8 | 7/8 | 55 |
| FC37A3XC1 | 2, 2.5, 3 | AC/HP | Flex | 24-1/2 | 14-1/2 | 21-1/2 | 3/8 | 3/4 | 56 |
| FC42B3XC1 | 3, 3.5, 4 | AC/HP | Flex | 28 | 17-1/2 | 21-1/2 | 3/8 | 7/8 | 62 |
| FC42C3XC1 | 3, 3.5, 4 | AC/HP | Flex | 28 | 21 | 21-1/2 | 3/8 | 7/8 | 64 |
| FC43B3XC1 | 3, 3.5, 4 | AC/HP | Flex | 24-1/2 | 17-1/2 | 21-1/2 | 3/8 | 7/8 | 57 |
| FC43C3XC1 | 3, 3.5, 4 | AC/HP | Flex | 24-1/2 | 21 | 21-1/2 | 3/8 | 7/8 | 58 |
| FC48C3XC1 | 4, 5 | AC/HP | Flex | 28 | 21 | 21-1/2 | 3/8 | 7/8 | 65 |
| FC48D3XC1 | 4, 5 | AC/HP | Flex | 28 | 24-1/2 | 21-1/2 | 3/8 | 7/8 | 73 |
| FC60C3XC1 | 4, 5 | AC/HP | Flex | 28 | 21 | 21-1/2 | 3/8 | 7/8 | 65 |
| FC60D3XC1 | 4, 5 | AC/HP | Flex | 28 | 24-1/2 | 21-1/2 | 3/8 | 7/8 | 78 |
| FC62D3XC1 | 4, 5 | AC/HP | Flex | 32 | 24-1/2 | 21-1/2 | 3/8 | 7/8 | 88 |
| FC64D3XC1 | 4, 5 | AC/HP | Flex | 36 | 24-1/2 | 21-1/2 | 3/8 | 7/8 | 92 |

EVAPORATOR COILS



Evaporator Coils (PC)

| Model | Nominal Capacity Range | Application | Metering Device | Dimensions (inches) | | | Liquid Line (inches) | Suction Line (inches) | Approximate Operating Weight (lbs.) |
|---|------------------------|-------------|-----------------|---------------------|--------|----|----------------------|-----------------------|-------------------------------------|
| | | | | H | W | D | | | |
| Half Cased Upflow Evaporator Coils (PC) | | | | | | | | | |
| PC18A3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 17-3/4 | 14-1/2 | 22 | 3/8 | 3/4 | 36 |
| PC18B3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 17 | 17-1/2 | 22 | 3/8 | 3/4 | 37 |
| PC24A3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 21-7/8 | 14-1/2 | 22 | 3/8 | 3/4 | 40 |
| PC24B3XC1 | 1.5, 2, 2.5 | AC/HP | Flex | 21-3/8 | 17-1/2 | 22 | 3/8 | 3/4 | 42 |
| PC30A3XC1 | 2, 2.5, 3 | AC/HP | Flex | 21-7/8 | 14-1/2 | 22 | 3/8 | 3/4 | 40 |
| PC30B3XC1 | 2, 2.5, 3 | AC/HP | Flex | 21-3/8 | 17-1/2 | 22 | 3/8 | 3/4 | 42 |
| PC32A3XC1 | 2, 2.5, 3 | AC/HP | Flex | 20 | 14-1/2 | 22 | 3/8 | 3/4 | 43 |
| PC35B3XC1 | 2, 2.5, 3 | AC/HP | Flex | 18-7/8 | 17-1/2 | 22 | 3/8 | 3/4 | 47 |
| PC35C3XC1 | 2, 2.5, 3 | AC/HP | Flex | 18-3/4 | 21 | 22 | 3/8 | 3/4 | 48 |
| PC36A3XC1 | 2.5, 3, 3.5 | AC/HP | Flex | 23-7/8 | 14-1/2 | 22 | 3/8 | 7/8 | 44 |
| PC36B3XC1 | 2.5, 3, 3.5 | AC/HP | Flex | 23-1/8 | 17-1/2 | 22 | 3/8 | 7/8 | 50 |
| PC36C3XC1 | 2.5, 3, 3.5 | AC/HP | Flex | 22-7/8 | 21 | 22 | 3/8 | 7/8 | 45 |
| PC37A3XC1 | 2, 2.5, 3 | AC/HP | Flex | 23-7/8 | 14-1/2 | 22 | 3/8 | 3/4 | 46 |
| PC42B3XC1 | 3, 3.5, 4 | AC/HP | Flex | 27-5/8 | 17-1/2 | 22 | 3/8 | 7/8 | 50 |
| PC42C3XC1 | 3, 3.5, 4 | AC/HP | Flex | 27-1/8 | 21 | 22 | 3/8 | 7/8 | 54 |
| PC43B3XC1 | 3, 3.5, 4 | AC/HP | Flex | 23-1/8 | 17-1/2 | 22 | 3/8 | 7/8 | 49 |
| PC43C3XC1 | 3, 3.5, 4 | AC/HP | Flex | 22-5/8 | 21 | 22 | 3/8 | 7/8 | 51 |
| PC48C3XC1 | 4, 5 | AC/HP | Flex | 25-3/8 | 21 | 22 | 3/8 | 7/8 | 56 |
| PC48D3XC1 | 4, 5 | AC/HP | Flex | 24-5/8 | 24-1/2 | 22 | 3/8 | 7/8 | 58 |
| PC60C3XC1 | 4, 5 | AC/HP | Flex | 27-1/2 | 21 | 22 | 3/8 | 7/8 | 58 |
| PC60D3XC1 | 4, 5 | AC/HP | Flex | 26-7/8 | 24-1/2 | 22 | 3/8 | 7/8 | 60 |

GAS FURNACES

Affinity™ Series

(YP9C)

The Affinity™ Series is the premier York® line of residential gas furnaces. Models include:

- Affinity™ Modulating ECM Multi-position (YP9C)

These compact units employ induced combustion, reliable silicon nitride hot surface ignition and high heat transfer, aluminized tubular heat exchangers. The multi-position units are factory shipped for installation in upflow applications and may be easily converted for application in all other positions.

These highly efficient, compact, condensing-type furnaces are designed for residential and commercial installations in a basement, closet, alcove, recreation room or garage where the ambient temperature is above 32°F. Multiple venting options allow for termination through a side wall or roof using approved plastic PVC piping for combustion and exhaust air. All units are factory-assembled, wired and tested to assure many years of superior comfort, reliable performance and worry-free operation.

Special Benefits

- Compact 33" height and standard cabinet widths.
- Multi-position design with minimal conversion requirements.
- Airflow leakage rate of less than 2% of total airflow @ 1" ESP.
- Advanced variable-speed ECM motor with large, quiet blower.
- Fully-supported, slide-out blower assembly for easy service access.
- High-level, self-diagnostic controls with fault codes.
- Sharp edges have been eliminated by folding and flattening the sheet metal.
- Fully-gasketed, independent access doors with view ports and attractive retail appearance.
- External air filters (not included) provide flexibility for IAQ needs.
- Patent-pending condensate management system eliminates the need for external condensate traps.
- Communications Capable—Requiring only a simple, four-wire installation, the communicating capability enables the use of the touch screen Affinity™ Residential Communicating Control. This allows real time visibility of system operation and the use of diagnostic features while still maintaining the ability to function with a traditional thermostat.
- Five tons of airflow (above 1800 CFM) through single side return with 20 x 25 external air filter.



Nominal Capacities

YP9C 60 to 120 MBH

Efficiency Ratings

YP9C 97.5–98.0% AFUE



Most Efficient 2014

YP9C





**Most Efficient
2014**
www.energystar.gov

The YP9C model is recognized as the Most Efficient of ENERGY STAR® 2014 when used with the Affinity™ Residential Communicating Control.

Limited Warranties (Heat Exchanger/Other Parts)

YP9C Lifetime/10 Years*

* For 10-year limited parts warranty, system must be registered online within 90 days of installation. Otherwise the parts warranty reverts to a 5-year limited parts warranty.

| Model | Heating Capacity BTUH | | % AFUE | Dimensions (inches) | | | Approximate Operating Weight (lbs.) | Recommended Filter Size (inches) | | Nominal CFM | Available Cooling (tons) | |
|---|--------------------------|-----------------------|-----------|---|---|--------|---|-------------------------------------|---------|----------------|--------------------------------|--|
| | Input MBH High | Output MBH High | | H | W | D | | Side | Bottom | | | |
| | | | | | | | | | | | | |
| Affinity™ Variable-Speed Up to 98% AFUE Furnaces (YP9C) | | | |  |  | | | | | | | |
| YP9C060B12MP12C | 60 | 58 | 97.5 | 33 | 17-1/2 | 30-1/4 | 113 | 16 x 25 | 16 x 25 | 1200 | 3 | |
| YP9C080B12MP12C | 80 | 77 | 97.5 | 33 | 17-1/2 | 30-1/4 | 119 | 16 x 25 | 16 x 25 | 1200 | 3 | |
| YP9C080C16MP12C | 80 | 78 | 97.7 | 33 | 21 | 30-1/4 | 134 | 16 x 25 | 20 x 25 | 1600 | 4 | |
| YP9C100C16MP12C | 100 | 97 | 97.7 | 33 | 21 | 30-1/4 | 140 | 16 x 25 | 20 x 25 | 1600 | 4 | |
| YP9C100C20MP12C | 100 | 97 | 97.7 | 33 | 21 | 30-1/4 | 143 | 20 x 25 | 20 x 25 | 2000 | 5 | |
| YP9C120D20MP12C | 120 | 116 | 98.0 | 33 | 24-1/2 | 30-1/4 | 152 | 20 x 25 | 22 x 25 | 2000 | 5 | |

GAS FURNACES

**Nominal Capacities****YPLC** 60 to 120 MBH**Efficiency Ratings****YPLC** 80.0% AFUE**Limited Warranties
(Heat Exchanger/Other Parts)****YPLC** Lifetime/10 Years*

* For 10-year limited parts warranty, system must be registered online within 90 days of installation. Otherwise the parts warranty reverts to a 5-year limited parts warranty.

Affinity™ Series**(YPLC)**

York®'s Affinity™ Series includes the industry's only 80% modulating variable-speed residential gas furnaces. Models include:

■ **Affinity™ Modulating ECM Multi-position Furnace (YPLC)**

These compact units employ induced combustion, reliable silicon nitride hot surface ignition and high heat transfer, aluminized tubular heat exchangers. The multi-position units are factory shipped for installation in upflow applications and may be easily converted for application in all other positions.

These efficient, compact furnaces are designed for residential and commercial installations in a basement, closet, alcove, recreation room or garage. Standard B-Vent piping is utilized for venting the exhaust air. All units are factory-assembled, wired and tested to assure many years of superior comfort, reliable performance and worry-free operation.

Special Benefits

- Compact 33" height and standard cabinet widths.
- Multi-position design with minimal conversion requirements.
- Airflow leakage rate of less than 2% of total airflow @ 1" ESP.
- Advanced variable-speed ECM motor with large, quiet blower.
- Fully-supported, slide-out blower assembly for easy service access.
- Tubular, aluminized steel primary heat exchanger.
- High-level self-diagnostic controls with fault codes.
- Sharp edges have been eliminated by folding and flattening the sheet metal.
- Fully-gasketed, independent access doors with view ports and attractive retail appearance.
- External air filters (not included) provide flexibility for IAQ needs.
- All models are propane-convertible.
- All models are LoNox compliant to meet specific code requirements.
- Communications Capable—Requiring only a simple, four-wire installation, the communicating capability enables the use of the touch screen Affinity™ Residential Communicating Control. This allows real time visibility of system operation and the use of diagnostic features while still maintaining the ability to function with a traditional thermostat.
- Five tons of airflow (above 1800 CFM) through single side return with 20 x 25 external air filter.

| Model | Heating Capacity BTUH | | | Dimensions (inches) | | | Approximate Operating Weight (lbs.) | Recommended Filter Size (inches) | | Nominal CFM | Available Cooling (tons) |
|-----------------|---|-----------------------|-----------|---------------------|--------|--------|---|-------------------------------------|---------|----------------|--------------------------------|
| | Input MBH High | Output MBH High | % AFUE | | | | | Side | Bottom | | |
| | Affinity™ Variable-Speed 80% AFUE Furnaces (YPLC) | | | | | | | | | | |
| YPLC060A12MP12C | 60 | 47 | 80.0 | 33 | 14-1/2 | 30-1/4 | 94 | 16 x 25 | 16 x 25 | 1200 | 3 |
| YPLC080B12MP12C | 80 | 62 | 80.0 | 33 | 17-1/2 | 30-1/4 | 103 | 16 x 25 | 16 x 25 | 1200 | 3 |
| YPLC080C16MP12C | 80 | 62 | 80.0 | 33 | 21 | 30-1/4 | 114 | 16 x 25 | 20 x 25 | 1600 | 4 |
| YPLC100C16MP12C | 100 | 78 | 80.0 | 33 | 21 | 30-1/4 | 118 | 16 x 25 | 20 x 25 | 1600 | 4 |
| YPLC100C20MP12C | 100 | 78 | 80.0 | 33 | 21 | 30-1/4 | 122 | 20 x 25 | 20 x 25 | 2000 | 5 |
| YPLC120C20MP12C | 120 | 95 | 80.0 | 33 | 21 | 30-1/4 | 129 | 20 x 25 | 22 x 25 | 2000 | 5 |

GAS FURNACES

LX Series

(TM9M, TM9V, TM9T, TM9X, TM9E)

The LX series furnace line is a 33" multi-position design. Models include:

- LX Modulating PSC Multi-position Furnace (TM9M)
- LX Two-Stage Variable-Speed ECM Multi-position Furnace (TM9V)
- LX Two-Stage PSC Multi-position Furnace (TM9T)
- LX Single-Stage Standard ECM Multi-position Furnace (TM9X, TM9E)

These compact units employ induced combustion, reliable silicon nitride hot surface ignition and high heat transfer, aluminized tubular heat exchangers. The multi-position units are factory shipped for installation in upflow applications and may be easily converted for application in all other positions.

These highly efficient, compact, condensing-type furnaces are designed for residential and commercial installations in a basement, closet, alcove, recreation room or garage.

Special Benefits

- Compact 33" height and standard cabinet widths.
- Multi-position design with minimal conversion requirements.
- Exceptionally quiet sound levels.
- Tubular aluminized steel primary heat exchanger with stainless steel tubing, secondary heat exchanger.
- External air filters (not included) to maximize indoor air quality.
- Built-in, high level self diagnostics with fault code displays standard on integrated control module for reliable operation.
- 100% shut off main gas valve for extra safety.
- Airflow leakage rate of less than 2% of total airflow @ 1" ESP.
- Five tons of airflow (above 1800 CFM) through single side return with 20 x 25 external air filter.
- Fully-supported, slide-out blower assembly for easy service access.
- Motor Technology:
 - TM9V uses advanced variable-speed ECM motor for efficiency and comfort.
 - TM9X, TM9E use high efficiency standard ECM motor for cooling SEER enhancement.
 - TM9M uses special ball-bearing PSC motors for long life at lower RPMs for modulating airflow in heating mode for constant supply air temperature.
- TM9E standard ECM provides energy efficient electrical use to meet ENERGY STAR® requirements.
- Communications Capable—Requiring only a simple, four-wire installation, the communicating capability enables the use of the touch screen Affinity™ Residential Communicating Control. This allows real time visibility of system operation and the use of diagnostic features while still maintaining the ability to function with a traditional thermostat.



Nominal Capacities

| | |
|-------------|---------------|
| TM9M | 60 to 120 MBH |
| TM9V | 40 to 120 MBH |
| TM9T | 60 to 120 MBH |
| TM9X | 40 to 120 MBH |
| TM9E | 40 to 120 MBH |

Efficiency Ratings

| | |
|-------------|------------|
| TM9V | 96.0% AFUE |
| TM9E | 95.0% AFUE |



| | |
|-------------|------------|
| TM9M | 97.0% AFUE |
| TM9T | 96.0% AFUE |
| TM9X | 95.5% AFUE |

Most Efficient 2014

TM9V



**Most Efficient
2014**
www.energystar.gov

The TM9V model is recognized as the Most Efficient of ENERGY STAR® 2014 when used with the Affinity™ Residential Communicating Control.

Limited Warranties (Heat Exchanger/Other Parts)

| | |
|-------------|--------------------|
| TM9M | Lifetime/10 Years* |
| TM9V | Lifetime/10 Years* |
| TM9T | Lifetime/10 Years* |
| TM9X | Lifetime/10 Years* |
| TM9E | Lifetime/10 Years* |




* For 10-year limited parts warranty, system must be registered online within 90 days of installation. Otherwise the parts warranty reverts to a 5-year limited parts warranty.

GAS FURNACES



LX Series

(TM9M, TM9V, TM9T, TM9X, TM9E)

| Model | Heating Capacity BTUH | | % AFUE | Dimensions (inches) | | | Approximate Operating Weight (lbs.) | Recommended Filter Size (inches) | | Nominal CFM | Available Cooling (tons) |
|---|--------------------------|-----------------------|-----------|---|--------|--------|---|-------------------------------------|---------|----------------|--------------------------------|
| | Input MBH High | Output MBH High | | H | W | D | | Side | Bottom | | |
| LX Series Modulating 97% AFUE Furnaces (TM9M) | | | | | | | | | | | |
| TM9M060B12MP12 | 60 | 58 | 97 | 33 | 17-1/2 | 29-1/2 | 122 | 16 x 25 | 16 x 25 | 1200 | — |
| TM9M080B12MP12 | 80 | 77 | 97 | 33 | 17-1/2 | 29-1/2 | 126 | 16 x 25 | 16 x 25 | 1200 | — |
| TM9M080C16MP12 | 80 | 78 | 97 | 33 | 21 | 29-1/2 | 136 | 16 x 25 | 20 x 25 | 1600 | — |
| TM9M100C16MP12 | 100 | 97 | 97 | 33 | 21 | 29-1/2 | 142 | 16 x 25 | 20 x 25 | 1600 | — |
| TM9M100C20MP12 | 100 | 97 | 97 | 33 | 21 | 29-1/2 | 145 | 20 x 25 | 20 x 25 | 2000 | — |
| TM9M120D20MP12 | 120 | 116 | 97 | 33 | 24-1/2 | 29-1/2 | 156 | 20 x 25 | 22 x 25 | 2000 | — |
| LX Series Two-Stage 96% AFUE Furnaces (TM9V) | | | |   | | | | | | | |
| TM9V040B10MP12 | 40 | 38 | 96 | 33 | 14-1/2 | 29-1/2 | 113 | 16 x 25 | 14 x 25 | 1000 | — |
| TM9V060B12MP12 | 60 | 58 | 96 | 33 | 17-1/2 | 29-1/2 | 122 | 16 x 25 | 16 x 25 | 1200 | — |
| TM9V080B12MP12 | 80 | 77 | 96 | 33 | 17-1/2 | 29-1/2 | 126 | 16 x 25 | 16 x 25 | 1200 | — |
| TM9V080C16MP12 | 80 | 77 | 96 | 33 | 21 | 29-1/2 | 136 | 16 x 25 | 20 x 25 | 1600 | — |
| TM9V100C16MP12 | 100 | 96 | 96 | 33 | 21 | 29-1/2 | 142 | 16 x 25 | 20 x 25 | 1600 | — |
| TM9V100C20MP12 | 100 | 96 | 96 | 33 | 21 | 29-1/2 | 145 | 20 x 25 | 20 x 25 | 2000 | — |
| TM9V120D20MP12 | 120 | 115 | 96 | 33 | 24-1/2 | 29-1/2 | 156 | 20 x 25 | 22 x 25 | 2000 | — |
| LX Series Two-Stage 96% AFUE Furnaces (TM9T) | | | | | | | | | | | |
| TM9T060B12MP11 | 60 | 58 | 96 | 33 | 17-1/2 | 29-1/2 | 122 | 16 x 25 | 16 x 25 | 1200 | — |
| TM9T080B12MP11 | 80 | 77 | 96 | 33 | 17-1/2 | 29-1/2 | 126 | 16 x 25 | 16 x 25 | 1200 | — |
| TM9T080C16MP11 | 80 | 77 | 96 | 33 | 21 | 29-1/2 | 136 | 16 x 25 | 20 x 25 | 1600 | — |
| TM9T100C16MP11 | 100 | 96 | 96 | 33 | 21 | 29-1/2 | 142 | 16 x 25 | 20 x 25 | 1600 | — |
| TM9T100C20MP11 | 100 | 96 | 96 | 33 | 21 | 29-1/2 | 145 | 20 x 25 | 20 x 25 | 2000 | — |
| TM9T120D20MP11 | 120 | 115 | 96 | 33 | 24-1/2 | 29-1/2 | 156 | 20 x 25 | 22 x 25 | 2000 | — |
| LX Series Single-Stage 95.5% AFUE Furnaces (TM9X) | | | | | | | | | | | |
| TM9X040B10MP11 | 40 | 38 | 95.5 | 33 | 14-1/2 | 29-1/2 | 113 | 16 x 25 | 14 x 25 | 1000 | — |
| TM9X060B12MP11 | 60 | 57 | 95.5 | 33 | 17-1/2 | 29-1/2 | 122 | 16 x 25 | 16 x 25 | 1200 | — |
| TM9X080B12MP11 | 80 | 76 | 95.5 | 33 | 17-/12 | 29-1/2 | 126 | 16 x 25 | 16 x 25 | 1200 | — |
| TM9X080C16MP11 | 80 | 76 | 95.5 | 33 | 21 | 29-1/2 | 136 | 16 x 25 | 20 x 25 | 1600 | — |
| TM9X100C16MP11 | 100 | 95 | 95.5 | 33 | 21 | 29-1/2 | 142 | 16 x 25 | 20 x 25 | 1600 | — |
| TM9X100C20MP11 | 100 | 95 | 95.5 | 33 | 21 | 29-1/2 | 145 | 20 x 25 | 20 x 25 | 2000 | — |
| TM9X120D20MP11 | 120 | 114 | 95.5 | 33 | 24-1/2 | 29-1/2 | 156 | 20 x 25 | 22 x 25 | 2000 | — |
| LX Series Single-Stage 95.0% AFUE Furnaces (TM9E) | | | |  | | | | | | | |
| TM9E040B10MP11 | 40 | 38 | 95.0 | 33 | 14-1/2 | 29-1/2 | 113 | 16 x 25 | 14 x 25 | 1000 | — |
| TM9E060B12MP11 | 60 | 57 | 95.0 | 33 | 17-1/2 | 29-1/2 | 122 | 16 x 25 | 16 x 25 | 1200 | — |
| TM9E080B12MP11 | 80 | 76 | 95.0 | 33 | 17-/12 | 29-1/2 | 126 | 16 x 25 | 16 x 25 | 1200 | — |
| TM9E080C16MP11 | 80 | 76 | 95.0 | 33 | 21 | 29-1/2 | 136 | 16 x 25 | 20 x 25 | 1600 | — |
| TM9E100C16MP11 | 100 | 95 | 95.0 | 33 | 21 | 29-1/2 | 142 | 16 x 25 | 20 x 25 | 1600 | — |
| TM9E100C20MP11 | 100 | 95 | 95.0 | 33 | 21 | 29-1/2 | 145 | 20 x 25 | 20 x 25 | 2000 | — |
| TM9E120D20MP11 | 120 | 114 | 95.0 | 33 | 24-1/2 | 29-1/2 | 156 | 20 x 25 | 22 x 25 | 2000 | — |

GAS FURNACES

LX Series

(TM8V, TMLV, TM8T, TMLT, TM8X, TMLX)

The LX series furnace line is a 33" multi-position design.

Models include:

- LX Two-Stage Variable-Speed ECM Multi-position Furnace (TM8V, TMLV)
- LX Two-Stage PSC Multi-position Furnace (TM8T, TMLT)
- LX Single-Stage Standard ECM Multi-position Furnace (TM8X, TMLX)

These compact units employ induced combustion, reliable silicon nitride hot surface ignition and high heat transfer, aluminized tubular heat exchangers. The multi-position units are factory shipped for installation in upflow applications and may be easily converted for application in all other positions.

These highly efficient, compact, condensing-type furnaces are designed for residential and commercial installations in a basement, closet, alcove, recreation room or garage.

Special Benefits

- Compact 33" height and standard cabinet widths.
- Multi-position design with minimal conversion requirements.
- Exceptionally quiet sound levels.
- Tubular aluminized steel heat exchanger.
- External air filters (not included) to maximize indoor air quality.
- Built-in, high level self diagnostics with fault code displays standard on integrated control module for reliable operation.
- 100% shut off main gas valve for extra safety.
- Airflow leakage rate of less than 2% of total airflow @ 1" ESP.
- Five tons of airflow (above 1800 CFM) through single side return with 20 x 25 external air filter.
- Motor Technology:
 - TM8V/TMLV uses advanced variable-speed ECM motor for efficiency and comfort.
 - TM8X/TMLX uses standard ECM motor for cooling SEER enhancement.
- Communications Capable—Requiring only a simple, four-wire installation, the communicating capability enables the use of the touch screen Affinity™ Residential Communicating Control. This allows real time visibility of system operation and the use of diagnostic features while still maintaining the ability to function with a traditional thermostat (TM8V, TMLV models only).



Nominal Capacities

| | |
|-------------------|---------------|
| TM8V, TMLV | 60 to 120 MBH |
| TM8T, TMLT | 60 to 120 MBH |
| TM8X, TMLX | 60 to 120 MBH |

Efficiency Ratings

| | |
|-------------------|------------|
| TM8V, TMLV | 80.0% AFUE |
| TM8T, TMLT | 80.0% AFUE |
| TM8X, TMLX | 80.0% AFUE |

Limited Warranties (Heat Exchanger/Other Parts)

| | |
|-------------------|--------------------|
| TM8V, TMLV | 20 Years/10 Years* |
| TM8T, TMLT | 20 Years/10 Years* |
| TM8X, TMLX | 20 Years/10 Years* |

* For 10-year limited parts warranty, system must be registered online within 90 days of installation. Otherwise the parts warranty reverts to a 5-year limited parts warranty.

GAS FURNACES



LX Series

(TM8V, TMLV, TM8T, TMLT, TM8X, TMLX)

| Model | Heating Capacity BTUH | | % AFUE | Dimensions (inches) | | | Approximate Operating Weight (lbs.) | Recommended Filter Size (inches) | | Nominal CFM | Available Cooling (tons) |
|---|--------------------------|-----------------------|-----------|---------------------|--------|--------|---|-------------------------------------|---------|----------------|--------------------------------|
| | Input MBH High | Output MBH High | | H | W | D | | Side | Bottom | | |
| LX Two-Stage 80% AFUE Furnaces (TM8V/TMLV) | | | | | | | | | | | |
| TM(8,L)V060A12MP12 | 60 | 48 | 80 | 33 | 14-1/2 | 29-1/2 | 94 | 16 x 25 | 14 x 25 | 1200 | — |
| TM(8,L)V080B12MP12 | 80 | 64 | 80 | 33 | 17-1/2 | 29-1/2 | 103 | 16 x 25 | 16 x 25 | 1200 | — |
| TM(8,L)V080C16MP12 | 80 | 64 | 80 | 33 | 21 | 29-1/2 | 114 | 16 x 25 | 20 x 25 | 1600 | — |
| TM(8,L)V100C16MP12 | 100 | 80 | 80 | 33 | 21 | 29-1/2 | 118 | 16 x 25 | 20 x 25 | 1600 | — |
| TM(8,L)V100C20MP12 | 100 | 80 | 80 | 33 | 21 | 29-1/2 | 122 | 20 x 25 | 20 x 25 | 2000 | — |
| TM(8,L)V120C20MP12 | 120 | 96 | 80 | 33 | 21 | 29-1/2 | 129 | 20 x 25 | 22 x 25 | 2000 | — |
| LX Two-Stage 80% AFUE Furnaces (TM8T/TMLT) | | | | | | | | | | | |
| TM(8,L)T060A12MP11 | 60 | 48 | 80 | 33 | 14-1/2 | 29-1/2 | 94 | 16 x 25 | 14 x 25 | 1200 | — |
| TM(8,L)T080B12MP11 | 80 | 64 | 80 | 33 | 17-1/2 | 29-1/2 | 103 | 16 x 25 | 16 x 25 | 1200 | — |
| TM(8,L)T080C16MP11 | 80 | 64 | 80 | 33 | 21 | 29-1/2 | 114 | 16 x 25 | 20 x 25 | 1600 | — |
| TM(8,L)T100C16MP11 | 100 | 80 | 80 | 33 | 21 | 29-1/2 | 118 | 16 x 25 | 20 x 25 | 1600 | — |
| TM(8,L)T100C20MP11 | 100 | 80 | 80 | 33 | 21 | 29-1/2 | 122 | 20 x 25 | 20 x 25 | 2000 | — |
| TM(8,L)T120C20MP11 | 120 | 96 | 80 | 33 | 21 | 29-1/2 | 129 | 20 x 25 | 20 x 25 | 2000 | — |
| LX Single-Stage 80% AFUE Furnaces (TM8X/TMLX) | | | | | | | | | | | |
| TM(8,L)X060A12MP11 | 60 | 48 | 80 | 33 | 14-1/2 | 29-1/2 | 94 | 16 x 25 | 14 x 25 | 1200 | — |
| TM(8,L)X080B12MP11 | 80 | 64 | 80 | 33 | 17-1/2 | 29-1/2 | 103 | 16 x 25 | 16 x 25 | 1200 | — |
| TM(8,L)X080C16MP11 | 80 | 64 | 80 | 33 | 21 | 29-1/2 | 114 | 16 x 25 | 20 x 25 | 1600 | — |
| TM(8,L)X100C16MP11 | 100 | 80 | 80 | 33 | 21 | 29-1/2 | 118 | 16 x 25 | 20 x 25 | 1600 | — |
| TM(8,L)X100C20MP11 | 100 | 80 | 80 | 33 | 21 | 29-1/2 | 122 | 20 x 25 | 20 x 25 | 2000 | — |
| TM(8,L)X120C20MP11 | 120 | 96 | 80 | 33 | 21 | 29-1/2 | 129 | 20 x 25 | 20 x 25 | 2000 | — |

GAS FURNACES

Latitude™ Series**(TG9S)**

York®'s Latitude™ Series includes 33" single-stage residential gas furnaces.

Models include:

- Latitude™ Single-Stage PSC Multi-position Furnace (TG9S)

These compact units employ induced combustion, reliable silicon nitride hot surface ignition and high heat transfer, aluminized tubular heat exchangers. The multi-position units are factory shipped for installation in upflow applications and may be easily converted for application in all other positions.

These highly efficient, compact, condensing-type furnaces are designed for residential and commercial installations in a basement, closet, alcove, recreation room or garage where the ambient temperature is above 32°F. Multiple venting options allow for termination through a side wall or roof using approved plastic PVC piping for combustion and exhaust air. All units are factory-assembled, wired and tested to assure many years of superior comfort, reliable performance and worry-free operation.

Special Benefits

- Compact 33" height and standard cabinet widths.
- Multi-position design with minimal conversion requirements.
- Airflow leakage rate of less than 2% of total airflow @ 1" ESP.
- PSC four-speed direct drive motor with large, quiet blower.
- Fully-supported, slide-out blower assembly for easy service access.
- Tubular aluminized steel primary heat exchanger.
- High-level self-diagnostic controls with fault codes.
- Sharp edges have been eliminated by folding and flattening the sheet metal.
- Fully-gasketed, independent access doors with view ports.
- External air filters (not included) provide flexibility for IAQ needs.
- Patent-pending condensate management system eliminates the need for external condensate traps.
- All models are propane convertible.
- Five tons of airflow (above 1800 CFM) through single side return with 20 x 25 external air filter.

**Nominal Capacities**

TG9S 40 to 130 MBH

Efficiency Ratings

TG9S 95.5% AFUE

**Limited Warranties
(Heat Exchanger/Other Parts)**

TG9S Lifetime/10 Years*

* For 10-year limited parts warranty, system must be registered online within 90 days of installation. Otherwise the parts warranty reverts to a 5-year limited parts warranty.

GAS FURNACES



Latitude™ Series (TG9S)

| Model | Heating Capacity BTUH | | | % AFUE | Dimensions (inches) | | | Supply Plenum (inches) | Approximate Operating Weight (lbs.) | Flue Connection Size (inches) | Recommended Filter Size (inches) | | Nominal CFM | Available Cooling (tons) |
|---|--------------------------|-----------------------|------|-----------|---------------------|--------|-------------|------------------------------|--|--|-------------------------------------|------|----------------|--------------------------------|
| | Input MBH High | Output MBH High | H | | W | D | Side | | | | Bottom | | | |
| | | | | | | | | | | | | | | |
| Latitude™ Single-Stage 95.5% AFUE Furnaces (TG9S) | | | | | | | | | | | | | | |
| TG9S040A08MP11 | 40 | 38 | 95.5 | 33 | 14-1/2 | 29-1/2 | 13-3/8 x 20 | 113 | 2 | 16 x 25 | 14 x 25 | 800 | 2 | |
| TG9S060A10MP11 | 60 | 57 | 95.5 | 33 | 14-1/2 | 29-1/2 | 13-3/8 x 20 | 118 | 2 | 16 x 25 | 14 x 25 | 1000 | 2-1/2 | |
| TG9S060B12MP11 | 60 | 57 | 95.5 | 33 | 17-1/2 | 29-1/2 | 16-3/8 x 20 | 122 | 2 | 16 x 25 | 16 x 25 | 1200 | 3 | |
| TG9S080B12MP11 | 80 | 76 | 95.5 | 33 | 17-1/2 | 29-1/2 | 16-3/8 x 20 | 126 | 2 | 16 x 25 | 16 x 25 | 1200 | 3 | |
| TG9S080C16MP11 | 80 | 76 | 95.5 | 33 | 21 | 29-1/2 | 19-7/8 x 20 | 136 | 2 | 16 x 25 | 20 x 25 | 1600 | 4 | |
| TG9S080C22MP11 | 80 | 76 | 95.5 | 33 | 21 | 29-1/2 | 19-7/8 x 20 | 139 | 2 | 20 x 25 | 20 x 25 | 2200 | 5 | |
| TG9S100C16MP11 | 100 | 95 | 95.5 | 33 | 21 | 29-1/2 | 19-7/8 x 20 | 142 | 2 | 16 x 25 | 20 x 25 | 1600 | 4 | |
| TG9S100C20MP11 | 100 | 95 | 95.5 | 33 | 21 | 29-1/2 | 19-7/8 x 20 | 145 | 2 | 20 x 25 | 20 x 25 | 2000 | 5 | |
| TG9S120D16MP11 | 120 | 114 | 95.5 | 33 | 24-1/2 | 29-1/2 | 23-3/8 x 20 | 153 | 2 | 20 x 25 | 22 x 25 | 1600 | 4 | |
| TG9S120D20MP11 | 120 | 114 | 95.5 | 33 | 24-1/2 | 29-1/2 | 23-3/8 x 20 | 156 | 2 | 20 x 25 | 22 x 25 | 2000 | 5 | |
| TG9S130D20MP11 | 130 | 123-1/2 | 95.5 | 33 | 24-1/2 | 29-1/2 | 23-3/8 x 20 | 160 | 2 | 20 x 25 | 22 x 25 | 2000 | 5 | |

GAS FURNACES

Latitude™ Series**(TG8S, TGLS)**

York®'s Latitude™ Series line includes 33" single-stage residential gas furnaces. Models include:

- Latitude™ Single-Stage PSC Multi-position Furnace (TG8S)
- Latitude™ Single-Stage PSC LoNox Multi-position Furnace (TGLS)

These compact units employ induced combustion, reliable silicon nitride hot surface ignition and high heat transfer, aluminized tubular heat exchangers. The multi-position units are factory shipped for installation in upflow applications and may be easily converted for application in all other positions.

These efficient, compact furnaces are designed for residential and commercial installations in a basement, closet, alcove, recreation room or garage. Standard B-Vent piping is utilized for venting the exhaust air. All units are factory-assembled, wired and tested to assure many years of superior comfort, reliable performance and worry-free operation.

Special Benefits

- Compact 33" height and standard cabinet widths.
- Multi-position design with minimal conversion requirements.
- Airflow leakage rate of less than 2% of total airflow @ 1" ESP.
- PSC four-speed direct drive motor with large, quiet blower.
- Fully-supported, slide-out blower assembly for easy service access.
- Tubular aluminized steel primary heat exchanger.
- High-level self-diagnostic controls with fault codes.
- Sharp edges have been eliminated by folding and flattening the sheet metal.
- Fully-gasketed, independent access doors with view ports.
- External air filters (not included) provide flexibility for IAQ needs.
- All models are propane convertible.
- LoNox models meet specific code requirements.
- Five tons of airflow (above 1800 CFM) through single side return with 20 x 25 external air filter.

**Nominal Capacities****TG8S, TGLS** 40 to 130 MBH**Efficiency Ratings****TG8S, TGLS** 80.0% AFUE**Limited Warranties
(Heat Exchanger/Other Parts)****TG8S, TGLS** 20 Years/10 Years*

* For 10-year limited parts warranty, system must be registered online within 90 days of installation. Otherwise the parts warranty reverts to a 5-year limited parts warranty.

GAS FURNACES



Latitude™ Series

(TG8S, TGLS)

| Model | Heating Capacity BTUH | | | % AFUE | Dimensions (inches) | | | Supply Plenum (inches) | Approximate Operating Weight (lbs.) | Flue Connection Size (inches) | Recommended Filter Size (inches) | | Nominal CFM | Available Cooling (tons) |
|---|--------------------------|-----------------------|------|-----------|---------------------|--------|-------------|------------------------------|---|--|-------------------------------------|------|----------------|--------------------------------|
| | Input MBH High | Output MBH High | H | | W | D | Side | | | | Bottom | | | |
| | | | | | | | | | | | | | | |
| Latitude™ Single-Stage 80% AFUE Furnaces (TG8S, TGLS) | | | | | | | | | | | | | | |
| TG(8,L)S040A08MP11 | 40 | 32 | 80.0 | 33 | 14-1/2 | 29-1/2 | 13-3/8 x 20 | 89 | 4 | 16 x 25 | 14 x 25 | 800 | 2 | |
| TG(8,L)S060A10MP11 | 60 | 48 | 80.0 | 33 | 14-1/2 | 29-1/2 | 13-3/8 x 20 | 91 | 4 | 16 x 25 | 14 x 25 | 1000 | 2-1/2 | |
| TG(8,L)S060A12MP11 | 60 | 48 | 80.0 | 33 | 14-1/2 | 29-1/2 | 13-3/8 x 20 | 94 | 4 | 16 x 25 | 14 x 25 | 1200 | 3 | |
| TG(8,L)S080B12MP11 | 80 | 64 | 80.0 | 33 | 17-1/2 | 29-1/2 | 16-3/8 x 20 | 103 | 4 | 16 x 25 | 16 x 25 | 1200 | 3 | |
| TG(8,L)S080C16MP11 | 80 | 64 | 80.0 | 33 | 21 | 29-1/2 | 13-7/8 x 20 | 114 | 4 | 16 x 25 | 20 x 25 | 1600 | 4 | |
| TG(8,L)S080C22MP11 | 80 | 64 | 80.0 | 33 | 21 | 29-1/2 | 19-7/8 x 20 | 119 | 4 | 20 x 25 | 20 x 25 | 2200 | 5 | |
| TG(8,L)S100B12MP11 | 100 | 80 | 80.0 | 33 | 17-1/2 | 29-1/2 | 16-3/8 x 20 | 108 | 4 | 16 x 25 | 16 x 25 | 1200 | 3 | |
| TG(8,L)S100C16MP11 | 100 | 80 | 80.0 | 33 | 21 | 29-1/2 | 19-7/8 x 20 | 118 | 4 | 16 x 25 | 20 x 25 | 1600 | 4 | |
| TG(8,L)S100C20MP11 | 100 | 80 | 80.0 | 33 | 21 | 29-1/2 | 19-7/8 x 20 | 122 | 4 | 20 x 25 | 20 x 25 | 2000 | 5 | |
| TG(8,L)S120C16MP11 | 120 | 96 | 80.0 | 33 | 21 | 29-1/2 | 19-7/8 x 20 | 123 | 4 | 16 x 25 | 20 x 25 | 1600 | 4 | |
| TG(8,L)S120C20MP11 | 120 | 96 | 80.0 | 33 | 21 | 29-1/2 | 19-7/8 x 20 | 129 | 4 | 20 x 25 | 20 x 25 | 2000 | 5 | |
| TG(8,L)S130D20MP11 | 130 | 104 | 80.0 | 33 | 24-1/2 | 29-1/2 | 23-3/8 x 20 | 135 | 4 | 20 x 25 | 22 x 25 | 2000 | 5 | |

GAS FURNACES

Light Commercial Gas Furnace (GY8S-E)

This induced draft gas furnace series features 78% AFUE, a long-lasting tubular primary heat exchanger, low-level combustion sound, and a proven integrated computerized control system. All York® series furnaces have been equipped with added safety features, as well as easy access for add-on cooling products. All components are enclosed in a corrosion-resistant, pre-painted steel cabinet. Models include:

- Light Commercial Gas Furnace (GY8S-E)

Special Benefits

- Top vent connection allows installation in narrow locations.
- Installed in the upflow and horizontal, left or right configurations.
- Full-height blower compartment allows side return application with no-return air box.
- Low unit amp requirement for easy replacement application.
- 24V, 40VA control transformer and blower relay supplied for add-on cooling.
- Easily connected power/control wiring.
- Compact, easy-to-install, ideal height (43-1/2") cabinet, 80% models.
- Solid bottom with removable panel allows easy application.
- Hi-tech tubular aluminized steel primary heat exchanger.
- Electronic hot-surface ignition saves fuel costs, increases dependability and reliability.
- Induced combustion system with inshot main burners for quiet, efficient operation.
- Timed-on, adjustable-off blower capability for maximum comfort.
- Blower-off delay for cooling SEER improvement.
- Built-in, high-level self-diagnostics with fault code display.
- 100% shut-off main gas valve and blower door safety switch for extra safety.
- Tough hot-surface ignition.
- Integrated control module for reliable, economical operation.
- Belt drive motor with large, quiet blower.
- Easy access from front of unit for cleaning, maintenance or service.



Nominal Capacities

GY8S-E 160 MBH

Efficiency Ratings

GY8S-E 78% AFUE

Limited Warranties (Heat Exchanger/Other Parts)

GY8S-E 20 Years/5 Years

| Model | Heating Capacity BTUH | | % AFUE | Dimensions (inches) | | | Supply Plenum (inches) | Approximate Operating Weight (lbs.) | Flue Diameter (inches) | Filter Size (inches) | Nominal CFM | Available Cooling (tons) |
|---------------------------------------|--------------------------|---------------|-----------|---------------------|--------|--------|------------------------------|---|------------------------------|-------------------------|----------------|--------------------------------|
| | Input MBH | Output MBH | | H | W | D | | | | | | |
| Light Commercial Gas Furnace (GY8S-E) | | | | | | | | | | | | |
| GY8S160E30UH21 | 160 | 130 | 78.0 | 43-1/2 | 32-1/4 | 28-1/2 | 31 x 19-1/4 | 250 | 4 | 16 x 25/(2) 16 x 29 | 3500 | 5, 6, 7-1/2 |

PACKAGED COOLING AND HEATING UNITS

**Nominal Capacities**

| | |
|------------|--------------|
| DNZ | 24 to 60 MBH |
| DEZ | 24 to 60 MBH |
| DNQ | 24 to 60 MBH |
| DEQ | 24 to 60 MBH |
| DEX | 24 to 48 MBH |
| DNX | 24 to 48 MBH |

Efficiency Ratings

| | |
|------------|--------------|
| DNZ | 13–13.4 SEER |
| DEZ | 13 SEER |

| | |
|------------|--------------|
| DNQ | 14 SEER |
| DEQ | 14–14.3 SEER |
| DEX | 15 SEER |
| DNX | 15–16.5 SEER |

**Limited Warranties**

**(Heat Exchangers/
Compressor/Other Parts)**

Single-Phase Models

DNZ, DNQ, DNX
20 Years/10 Years/10 Years*

Three-Phase Models

DNZ, DNQ, DNX
20 Years/5 Years/1 Year

**(Compressor/Electric Heat/
Other Parts)**

Single-Phase Models

DEZ, DEQ, DEX
10 Years/5 Years/10 Years*

Three-Phase Models

DEZ, DEQ, DEX
5 Years/5 Years/1 Year

* For 10-year limited parts warranty, system must be registered online within 90 days of installation. Otherwise the parts warranty reverts to a 5-year limited parts warranty.

Affinity™ Series Packaged Units

(DNZ, DEZ, DNQ, DEQ, DEX, DNX) 2 to 5 Tons

York® Affinity™ Series packaged cooling and heating units are designed for outdoor installation that saves indoor living space.

Nominal airflow is provided by either three-speed or electronically controlled direct-drive, high-static motors. To make installation and maintenance easier, they offer field-convertible side or bottom airflow, removable base rails and bottom electrical and gas connections.

All models have the same footprint, so curbs can be placed and the proper tonnage unit can be installed after the internal load has been determined. The compact dimensions allow any model to fit between the wheel wells of a full-size pickup truck for transport. Select Affinity™ units are also offered in three-phase configurations with 208/230 and 460 voltages. Three-phase units exclude York® corner post.

Special Benefits

- All model sizes share a common, compact cabinet in a single footprint for on-site flexibility.
- Installation time and costs are reduced by easy power and control wiring. All units are factory-wired, charged and tested prior to shipment.
- Gas and electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required, and no accessory panel is necessary.
- Condensate pan is non-corrosive, long-lasting and watertight.
- Condensate drain is heavy-duty. 3/4" NPT connection is rigidly mounted for a proper fit and a tight seal.
- Durable finish, made of pre-painted, galvanized steel to meet 500-hour salt-spray test demands.
- Full-perimeter base rails are easily removable, yet provide a solid unit foundation.
- Units are engineered and built to be among the quietest models.
- Compressor is internally protected against high pressure and temperature.
- Heat exchangers are corrosion-resistant, with aluminized steel tubular construction for durability and long service life.
- Post-purge induced draft combustion exhausts combustion products from the heat exchanger to prolong heat exchanger life.
- Hot surface to pilot ignition provides faster, more reliable heat delivery.
- Secured service access ports are protected, externally mounted and reusable on both high and low lines.
- Complete line of field-installed accessories, including propane and high altitude conversion kits, economizers, single- and dual-enthalpy sensors and more.
- Environmentally friendly R-410A refrigerant.
- Evaporator coils are constructed with grooved copper tubes and enhanced for construction to improve heat transfer.
- Condenser coils are constructed of MicroChannel aluminum tubing and aluminum fins for durability and long-lasting efficient operation.
- Painted, louvered coil guards standard on DEQ, DEX, DNQ, DNX (Excluded on DEZ, DNZ, DNQ060).

PACKAGED COOLING AND HEATING UNITS

Affinity™ Series Packaged Units

(DNZ) 2 to 5 Tons



VOLTAGE: (2 to 5 tons) 208/230-1-60; (3 to 5 tons) 208/230-3-60, 460-3-60 (select DNZ units)

| Model | AHRI Ratings (net) | | Heating Capacity MBH | | % AFUE | Dimensions (inches) | | | Supply & Return Air Openings (inches) | | Filter Size (inches) | Approximate Operating Weight (lbs.) |
|---|--------------------|-------|----------------------|--------|--------|---------------------|--------|--------|---------------------------------------|---------|----------------------|-------------------------------------|
| | MBH | SEER | Input | Output | | H | W | D | Side | Bottom | | |
| Affinity™ Single-Stage Gas/Electric Packaged Units (DNZ) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | |
| D*NZ024N036 | 24.0 | 13.20 | 45 | 36 | 81.0 | 33-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 x 1 | 378 |
| D*NZ024N056 | 24.0 | 13.20 | 70 | 56 | 81.0 | 33-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 x 1 | 378 |
| D*NZ030N036 | 30.0 | 13.20 | 45 | 36 | 81.0 | 33-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 x 1 | 398 |
| D*NZ030N056 | 30.0 | 13.20 | 70 | 56 | 81.0 | 33-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 x 1 | 398 |
| D*NZ036N036 | 34.2 | 13.20 | 45 | 36 | 81.0 | 33-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 x 1 | 402 |
| D*NZ036N056 | 34.2 | 13.20 | 70 | 56 | 81.0 | 33-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 x 1 | 402 |
| D*NZ036N072 | 34.2 | 13.20 | 90 | 72 | 81.0 | 33-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 x 1 | 402 |
| D*NZ042N065 | 41.5 | 13.40 | 80 | 64 | 81.0 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 x 1 | 460 |
| D*NZ042N090 | 41.5 | 13.40 | 108 | 87 | 81.0 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 x 1 | 460 |
| D*NZ048N065 | 46.0 | 13.00 | 80 | 64 | 81.0 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 x 1 | 465 |
| D*NZ048N090 | 46.0 | 13.00 | 108 | 87 | 81.0 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 x 1 | 465 |
| D*NZ048N110 | 46.0 | 13.00 | 135 | 107 | 81.0 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 x 1 | 465 |
| D*NZ060N065 | 56.0 | 13.00 | 80 | 64 | 81.0 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 x 1 | 480 |
| D*NZ060N090 | 56.0 | 13.00 | 108 | 87 | 81.0 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 x 1 | 480 |
| D*NZ060N110 | 56.0 | 13.00 | 135 | 107 | 81.0 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 x 1 | 480 |

*Generation indicator

PACKAGED COOLING AND HEATING UNITS



Affinity™ Series Packaged Units

(DNZ) 2 to 5 Tons

VOLTAGE: (2 to 5 tons) 208/230-1-60; (3 to 5 tons) 208/230-3-60, 460-3-60 (select DNZ units)

| Model | AHRI Ratings (net) | | | Heating Capacity | | | | 1" or 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|--|--------------------|-------|---------|------------------|---------------|-----------|----------|----------------------------------|---------------------|--------|--------|---|
| | MBH | SEER | (EER) | MBH Input | MBH Output | % AFUE | % SSE | | H | W | D | |
| Affinity™ Two-Stage Gas/Electric Packaged Units (DNZ) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | |
| D*NZ024D05606 | 24.0 | 13.20 | (11.60) | 70 / 46 | 56 / 36 | 81.0 | — | 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 378 |
| D*NZ030D05606 | 30.0 | 13.20 | (11.50) | 70 / 46 | 56 / 36 | 81.0 | — | 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 398 |
| D*NZ030D05625 | 30.0 | 13.20 | (11.50) | 70 / 46 | 56 / 36 | 81.0 | — | 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 398 |
| D*NZ030D05646 | 30.0 | 13.20 | (11.50) | 70 / 46 | 56 / 36 | 81.0 | — | 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 398 |
| D*NZ036D05606 | 34.2 | 13.20 | (11.10) | 70 / 46 | 56 / 36 | 81.0 | — | 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 402 |
| D*NZ036D07206 | 34.2 | 13.20 | (11.10) | 90 / 59 | 72 / 47 | 81.0 | — | 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 402 |
| D*NZ036D05625 | 34.2 | 13.20 | (11.10) | 70 / 46 | 56 / 36 | 81.0 | — | 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 402 |
| D*NZ036D07225 | 34.2 | 13.20 | (11.10) | 90 / 59 | 72 / 47 | 81.0 | — | 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 402 |
| D*NZ036D05646 | 34.2 | 13.20 | (11.10) | 70 / 46 | 56 / 36 | 81.0 | — | 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 402 |
| D*NZ036D07246 | 34.2 | 13.20 | (11.10) | 90 / 59 | 72 / 47 | 81.0 | — | 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 402 |
| D*NZ042D09006 | 41.5 | 13.40 | (11.60) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 460 |
| D*NZ042D09025 | 41.5 | 13.40 | (11.60) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 460 |
| D*NZ042D09046 | 41.5 | 13.40 | (11.60) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 460 |
| D*NZ048D09006 | 46.0 | 13.00 | (11.00) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 465 |
| D*NZ048D11006 | 46.0 | 13.00 | (11.00) | 135 / 88 | 107 / 70 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 465 |
| D*NZ048D09025 | 46.0 | 13.00 | (11.00) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 465 |
| D*NZ048D11025 | 46.0 | 13.00 | (11.00) | 135 / 88 | 107 / 70 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 465 |
| D*NZ048D09046 | 46.0 | 13.00 | (11.00) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 465 |
| D*NZ048D11046 | 46.0 | 13.00 | (11.00) | 135 / 88 | 107 / 70 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 465 |
| D*NZ060D09006 | 56.0 | 13.00 | (11.00) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 480 |
| D*NZ060D11006 | 56.0 | 13.00 | (11.00) | 135 / 88 | 107 / 70 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 480 |
| D*NZ060D09025 | 56.0 | 13.00 | (11.00) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 480 |
| D*NZ060D11025 | 56.0 | 13.00 | (11.00) | 135 / 88 | 107 / 70 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 480 |
| D*NZ060D09046 | 56.0 | 13.00 | (11.00) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 480 |
| D*NZ060D11046 | 56.0 | 13.00 | (11.00) | 135 / 88 | 107 / 70 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 480 |

*Generation indicator

PACKAGED COOLING AND HEATING UNITS

Affinity™ Series Packaged Units

(DEZ) 2 to 5 Tons



VOLTAGE: (2 to 5 tons) 208/230-1-60; (3 to 5 tons) 208/230-3-60, 460-3-60, 575-3-60 (select DEZ units)

| Model | AHRI Ratings (net) | | | Electric Heat Available (kW) | 1" or 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------------|-------|-------|------------------------------|-------------------------------|---------------------|--------|--------|-------------------------------------|
| | MBH | SEER | (EER) | | | H | W | D | |
| Affinity™ Electric/Electric Packaged Units (DEZ) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | |
| D*EZ024A06 | 24.0 | 13.00 | 12.62 | 5, 7, 10 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 374 |
| D*EZ030A06 | 30.0 | 13.00 | 11.55 | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 375 |
| D*EZ036A06 | 34.5 | 13.00 | 11.36 | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 379 |
| D*EZ036A25 | 34.5 | 13.00 | 11.36 | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 379 |
| D*EZ036A46 | 34.5 | 13.00 | 11.36 | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 379 |
| D*EZ036A58 | 34.5 | 13.00 | 11.36 | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 379 |
| D*EZ042A06 | 41.5 | 13.00 | 11.78 | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 400 |
| D*EZ042A25 | 41.5 | 13.00 | 11.78 | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 400 |
| D*EZ042A46 | 41.5 | 13.00 | 11.78 | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 400 |
| D*EZ042A58 | 41.5 | 13.00 | 11.78 | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 400 |
| D*EZ048A06 | 48.0 | 13.00 | 11.92 | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/4 | 49-1/8 | 401 |
| D*EZ048A25 | 48.0 | 13.00 | 11.92 | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/4 | 49-1/8 | 401 |
| D*EZ048A46 | 48.0 | 13.00 | 11.92 | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/4 | 49-1/8 | 401 |
| D*EZ048A58 | 48.0 | 13.00 | 11.92 | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/4 | 49-1/8 | 401 |
| D*EZ060A06 | 57.5 | 13.00 | 11.03 | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/4 | 49-1/8 | 405 |
| D*EZ060A25 | 57.5 | 13.00 | 11.03 | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/4 | 49-1/8 | 405 |
| D*EZ060A46 | 57.5 | 13.00 | 11.03 | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/4 | 49-1/8 | 405 |
| D*EZ060A58 | 57.5 | 13.00 | 11.03 | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/4 | 49-1/8 | 405 |

*Generation indicator

PACKAGED COOLING AND HEATING UNITS




Affinity™ Series Packaged Units

(DNQ) 2 to 5 Tons

(York® corner post option included as shown.)

VOLTAGE: (2 to 5 tons) 208/230-1-60; (3 to 5 tons) 208/230-3-60, 460-3-60 (select DNQ units)

| Model | AHRI Ratings (net) | | | Heating Capacity | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|--|--------------------|-------|---------|------------------|------------|-------|------------------------------------|------------------------------------|----------------------|---------------------|--------|--------|-------------------------------------|
| | MBH | SEER | (EER) | MBH Input | MBH Output | % SSE | | | | H | W | D | |
| Affinity™ Gas/Electric Packaged Units (DNQ) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | | |
| D*NQ024N036 | 23.5 | 14.00 | (12.00) | 45 | 36 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 390 |
| D*NQ024N056 | 23.5 | 14.00 | (12.00) | 70 | 56 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 390 |
| D*NQ030N036 | 29.0 | 14.00 | (12.00) | 45 | 36 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 425 |
| D*NQ030N056 | 29.0 | 14.00 | (12.00) | 70 | 56 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 425 |
| D*NQ036N036 | 34.5 | 14.00 | (12.00) | 45 | 36 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 430 |
| D*NQ036N056 | 34.5 | 14.00 | (12.00) | 70 | 56 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 430 |
| D*NQ036N072 | 34.5 | 14.00 | (12.00) | 90 | 72 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 430 |
| D*NQ042N065 | 40.0 | 14.00 | (12.00) | 80 | 64 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 20 | 41-1/2 | 47-1/4 | 49-1/8 | 485 |
| D*NQ042N090 | 40.0 | 14.00 | (12.00) | 108 | 87 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 20 | 41-1/2 | 47-1/4 | 49-1/8 | 485 |
| D*NQ048N065 | 48.0 | 14.00 | (12.00) | 80 | 64 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 490 |
| D*NQ048N090 | 48.0 | 14.00 | (12.00) | 108 | 87 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 490 |
| D*NQ048N110 | 48.0 | 14.00 | (12.00) | 135 | 108 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 490 |
| D*NQ060N065 | 55.0 | 14.00 | (12.00) | 80 | 64 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 530 |
| D*NQ060N090 | 55.0 | 14.00 | (12.00) | 108 | 87 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 530 |
| D*NQ060N110 | 55.0 | 14.00 | (12.00) | 135 | 108 | 81.0 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 530 |

*Generation indicator

PACKAGED COOLING AND HEATING UNITS



Affinity™ Series Packaged Units

(DEQ, DEX) 2 to 5 Tons

(York® corner post option included as shown.)



VOLTAGE: (2 to 5 tons) 208/230-1-60; (3 to 5 tons) 208/230-3-60, 460-3-60, 575-3-60 (select DEQ units)
 VOLTAGE: (2 to 4 tons) 208/230-1-60; (3 to 4 tons) 208/230-3-60, 460-3-60 (select DEX units)

| Model | AHRI Ratings (net) | | | Electric Heat Available (kW) | 1" or 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------------|-------|---------|------------------------------|-------------------------------|---------------------|--------|--------|-------------------------------------|
| | MBH | SEER | (EER) | | | H | W | D | |
| Affinity™ Gas/Electric Packaged Units (DEQ) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | |
| DEQ024A06 | 23.0 | 14.30 | (12.00) | 5, 7, 10 | (2) 22 x 14 | 33-1/2 | 47-1/2 | 49-1/8 | 346 |
| DEQ030A06 | 31.0 | 14.10 | (12.00) | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/2 | 49-1/8 | 386 |
| DEQ036A06 | 36.0 | 14.00 | (12.00) | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/2 | 49-1/8 | 396 |
| DEQ036A25 | 36.0 | 14.00 | (12.00) | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/2 | 49-1/8 | 396 |
| DEQ036A46 | 36.0 | 14.00 | (12.00) | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/2 | 49-1/8 | 396 |
| DEQ036A58 | 36.0 | 14.00 | (12.00) | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/2 | 49-1/8 | 396 |
| DEQ042A06 | 42.0 | 14.00 | (12.10) | 5, 7, 10, 15 | (2) 22 x 14 | 41-1/2 | 47-1/2 | 49-1/8 | 406 |
| DEQ042A25 | 42.0 | 14.00 | (12.10) | 5, 7, 10, 15 | (2) 22 x 14 | 41-1/2 | 47-1/2 | 49-1/8 | 406 |
| DEQ042A46 | 42.0 | 14.00 | (12.10) | 5, 7, 10, 15 | (2) 22 x 14 | 41-1/2 | 47-1/2 | 49-1/8 | 406 |
| DEQ042A58 | 42.0 | 14.00 | (12.10) | 5, 7, 10, 15 | (2) 22 x 14 | 41-1/2 | 47-1/2 | 49-1/8 | 406 |
| DEQ048A06 | 47.0 | 14.00 | (12.00) | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/2 | 49-1/8 | 440 |
| DEQ048A25 | 47.0 | 14.00 | (12.00) | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/2 | 49-1/8 | 440 |
| DEQ048A46 | 47.0 | 14.00 | (12.00) | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/2 | 49-1/8 | 440 |
| DEQ048A58 | 47.0 | 14.00 | (12.00) | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/2 | 49-1/8 | 440 |
| DEQ060A06 | 56.0 | 14.00 | (12.00) | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/2 | 49-1/8 | 452 |
| DEQ060A25 | 56.0 | 14.00 | (12.00) | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/2 | 49-1/8 | 452 |
| DEQ060A46 | 56.0 | 14.00 | (12.00) | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/2 | 49-1/8 | 452 |
| DEQ060A58 | 56.0 | 14.00 | (12.00) | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/2 | 49-1/8 | 452 |
| Affinity™ Electric/Electric Packaged Units (DEX) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | |
| D*EX024A06 | 23.2 | 15.00 | (12.30) | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 355 |
| D*EX030A06 | 28.6 | 15.00 | (12.30) | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 390 |
| D*EX036A06 | 36.0 | 15.00 | (12.30) | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 400 |
| D*EX036A25 | 36.0 | 15.00 | (12.30) | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 400 |
| D*EX036A46 | 36.0 | 15.00 | (12.30) | 5, 7, 10, 15 | (2) 22 x 14 | 33-1/2 | 47-1/4 | 49-1/8 | 400 |
| D*EX042A06 | 43.5 | 15.00 | (12.30) | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/4 | 49-1/8 | 410 |
| D*EX042A25 | 43.5 | 15.00 | (12.30) | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/4 | 49-1/8 | 410 |
| D*EX042A46 | 43.5 | 15.00 | (12.30) | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/4 | 49-1/8 | 410 |
| D*EX048A06 | 49.0 | 15.00 | (12.30) | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/4 | 49-1/8 | 440 |
| D*EX048A25 | 49.0 | 15.00 | (12.30) | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/4 | 49-1/8 | 440 |
| D*EX048A46 | 49.0 | 15.00 | (12.30) | 10, 15, 20, 25 | (2) 22 x 14 | 41-1/2 | 47-1/4 | 49-1/8 | 440 |

*Generation indicator

PACKAGED COOLING AND HEATING UNITS





Affinity™ Series Packaged Units

(DNX) 2 to 4 Tons

(York® corner post option included as shown.)

VOLTAGE: (2 to 4 tons) 208/230-1-60; (3 to 4 tons) 208/230-3-60, 460-3-60 (select DNX units)

| Model | AHRI Ratings (net) | | Heating Capacity MBH | | % AFUE | Dimensions (inches) | | | Supply & Return Air Openings (inches) | | Filter Size (inches) | Approximate Operating Weight (lbs.) |
|---|--------------------|-------|----------------------|------------------|------------|---------------------|--------|-------------------------------|---------------------------------------|---------|----------------------|-------------------------------------|
| | MBH | SEER | Input | Output | | H | W | D | Side | Bottom | | |
| Affinity™ Single-Stage Gas/Electric Packaged Units (DNX) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | |
| D*NX024N036 | 24.0 | 15.00 | 45 | 36 | 81.0 | 33-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 x 1 | 440 |
| D*NX024N056 | 24.0 | 15.00 | 70 | 56 | 81.0 | 33-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (1) 20 x 20 x 1 | 440 |
| D*NX036N065 | 37.0 | 16.50 | 80 | 64 | 81.0 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 x 1 | 480 |
| D*NX036N090 | 37.0 | 16.50 | 108 | 87 | 81.0 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 x 1 | 480 |
| D*NX048N065 | 48.0 | 15.00 | 80 | 64 | 81.0 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 x 1 | 500 |
| D*NX048N090 | 48.0 | 15.00 | 108 | 87 | 81.0 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 x 1 | 500 |
| D*NX048N110 | 48.0 | 15.00 | 135 | 107 | 81.0 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 20 x 12 x 1 | 500 |
| | | | | | | | | | | | | |
| Model | AHRI Ratings (net) | | | Heating Capacity | | | | 1" or 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
| | MBH | SEER | (EER) | MBH Input | MBH Output | % AFUE | % SSE | | H | W | D | |
| Affinity™ Two-stage Gas/Electric Packaged Units (DNX) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | |
| D*NX024D05606 | 24.0 | 15.00 | (11.50) | 70 / 46 | 56 / 36 | 81.0 | — | 20 x 20 | 33-1/2 | 47-1/4 | 49-1/8 | 440 |
| D*NX036D09006 | 37.0 | 16.50 | (12.30) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 480 |
| D*NX036D09025 | 37.0 | 16.50 | (12.30) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 480 |
| D*NX036D09046 | 37.0 | 16.50 | (12.30) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 480 |
| D*NX048D09006 | 48.0 | 15.00 | (11.20) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 500 |
| D*NX048D11006 | 48.0 | 15.00 | (11.20) | 135 / 88 | 107 / 70 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 500 |
| D*NX048D09025 | 48.0 | 15.00 | (11.20) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 500 |
| D*NX048D11025 | 48.0 | 15.00 | (11.20) | 135 / 88 | 107 / 70 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 500 |
| D*NX048D09046 | 48.0 | 15.00 | (11.20) | 108 / 70 | 86 / 56 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 500 |
| D*NX048D11046 | 48.0 | 15.00 | (11.20) | 135 / 88 | 107 / 70 | 81.0 | — | (2) 20 x 12 | 41-1/2 | 47-1/4 | 49-1/8 | 500 |

*Generation indicator.

PACKAGED COOLING AND HEATING UNITS

Latitude™ Packaged Units

(NM) 2 to 5 Tons

York® Latitude™ Series packaged air conditioning units are designed for outdoor installation that saves indoor living space. These units are designed to deliver maximum cooling while using minimum amounts of energy. The compact design allows easy installation and reduces shipping damage. Complete with 4-way forkable, full perimeter base rails, these units provide easy access for a forklift while providing a raised base to prevent any moisture entry into the unit.

Special Benefits

- Two footprints optimize performance and keep these units compact and easy to install.
- Durable finish made of pre-painted, galvanized steel to meet 1,000-hour salt-spray test demands.
- Internally protected compressor protects against high pressure and high temperature.
- Factory-installed liquid line filter drier keeps the refrigerant system moisture free.
- Complete line of field-installed accessories includes electric resistance strip heaters, hard start kits, thermostats and more.
- Long life, permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance adding greater reliability to the unit.
- Evaporator coils are constructed with grooved copper tubes and enhanced aluminum fin construction to improve heat transfer for maximum efficiency and durability.
- Environmentally friendly R-410A refrigerant.
- Condenser coils are constructed of MicroChannel aluminum tubing and aluminum fins for durability and long-lasting efficient operation.



Nominal Capacities

NM 24 to 60 MBH

Efficiency Ratings

NM 13 SEER

Limited Warranties (Compressor/Electric Heat/ Other Parts)

NM 10 Years/5 Years/10 Years
Single-Phase
5 Years/5 Years/1 Year
Three-Phase

VOLTAGE: (2 to 5 tons) 208/230-1-60; (3 to 5 tons) 208/230-3-60, (4 to 5 tons) 460-3-60 (NM)

| Model | AHRI Ratings (net) | | | Side Supply Air Opening (inches) | Side Return Air Opening (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------------|-------|---------|-------------------------------------|-------------------------------------|---------------------|----------|---------|---|
| | MBH | SEER | (EER) | | | H | W | D | |
| Latitude™ Packaged Units (NM) † Meet or Exceed ASHRAE 90.1 Standards‡ | | | | | | | | | |
| NM024C00 | 23.3 | 13.00 | (11.00) | 12" Dia. | 12" Dia. | 30-15/16 | 32-13/16 | 47-1/4 | 276 |
| NM030C00 | 30.2 | 13.00 | (11.40) | 12" Dia. | 12" Dia. | 30-15/16 | 32-13/16 | 47-1/4 | 279 |
| NM036C00 | 35.4 | 13.00 | (11.00) | 12" Dia. | 12" Dia. | 30-15/16 | 32-13/16 | 47-1/4 | 315 |
| NM042C00 | 40.2 | 13.00 | (10.80) | 12" Dia. | 12" Dia. | 30-15/16 | 32-13/16 | 47-1/4 | 315 |
| NM048C00 | 46.5 | 13.00 | (11.20) | 14" Dia. | 14" Dia. | 34-15/16 | 32-13/16 | 57-9/16 | 357 |
| NM060C00 | 54.5 | 13.00 | (11.80) | 14" Dia. | 14" Dia. | 34-15/16 | 32-13/16 | 57-9/16 | 350 |

PACKAGED COOLING AND HEATING UNITS

**Nominal Capacities****ZF** 36 to 72 MBH**Efficiency Ratings****ZF** 13 SEER**Limited Warranties****(Heat Exchanger/
Compressor/Other Parts)****ZF** 10 Years/5 Years/1 Year¹¹ 5-year electric strip heater.**Sunline™ Rooftop Packaged Units****(ZF) 3, 4, 5 and 6 Tons**

Available in cooling-only and cooling with gas heat, these packaged units have high cooling efficiencies, and the gas/electric models have impressive AFUE ratings. Convertible airflow design allows installation flexibility. A wide range of factory options include economizers, motorized dampers, power exhaust, high static blower, disconnect switch, powered GFI outlet, coil guard, dirty filter switch, phase monitor, supply and return smoke detectors, hinged access doors, stainless steel heat exchangers and technicoated evaporator and condenser coils. Honeywell, Novar,[®] Johnson[®] and CPC BAS unit controls are also available.

Special Benefits

- Innovative Simplicity[®] control board offers ease of setup, programming and monitoring.
- Energy-efficient scroll and reciprocating compressors.
- All model sizes share a common, compact design cabinet in a single footprint for on-site flexibility.
- Installation time and costs are reduced by easy power and control wiring. All units are factory-wired, piped, charged and tested prior to shipment. Factory-installed options further reduce installation costs.
- Gas and electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required and no accessory panel is necessary.
- Wide range of indoor airflows accomplished with belt-drive blowers.
- Durable finish made of powder-painted, galvanized steel meets 1,000-hour salt-spray test demands.
- Full-perimeter base rails are permanently attached to provide a solid unit foundation and forklift access.
- Compressor is internally protected against high pressure and temperature.
- Heat exchangers use corrosion-resistant, aluminized steel tubular construction for durability and long service life.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Complete line of field-installed accessories, including LoNox, propane and high-altitude conversion kits, motorized dampers, economizers and single- and dual-enthalpy sensors are available.
- Environmentally friendly R-410A refrigerant.
- Condenser coils are constructed of MicroChannel aluminum tubing and aluminum fins for durability and long-lasting efficient operation.
- Evaporator coils are constructed with grooved copper tubes and enhanced aluminum fins to improve heat transfer.

PACKAGED COOLING AND HEATING UNITS

Sunline™ Rooftop Packaged Units

(ZF) 3, 4, 5 and 6 Tons



VOLTAGE: 208/230-1-60, 208/230-3-60, 460-3-60; 575-3-60 (ZF)

| | AHRI Ratings (net) | | | Heating Performance | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------------|-------|---------|------------------------------------|------------------------------------|--------------------------|------------------------------------|------------------------------------|--------------------------|-------------------------------------|--------|--------|-------------------------------------|
| Model | MBH | SEER | (EER) | MBH Input | MBH Output | % SSE | | | | H | W | D | |
| Sunline™ Gas/Electric Rooftop Packaged Units (ZF) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | | |
| ZF036N04 | 36.0 | 13.00 | (11.00) | 50.0 | 40.0 | 80.9 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 470 |
| ZF036N08 | 36.0 | 13.00 | (11.00) | 100.0 | 80.0 | 80.5 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 470 |
| ZF036D06 | 36.0 | 13.00 | (11.00) | 75.0 | 60.8 | 81.1 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 470 |
| ZF036D10 | 36.0 | 13.00 | (11.00) | 115.0 | 92.0 | 80.2 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 470 |
| ZF048N06 | 47.5 | 13.00 | (11.00) | 75.0 | 60.0 | 80.9 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 539 |
| ZF048N10 | 47.5 | 13.00 | (11.00) | 125.0 | 100.0 | 80.3 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 539 |
| ZF048D06 | 47.5 | 13.00 | (11.00) | 75.0 | 60.8 | 81.1 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 539 |
| ZF048D10 | 47.5 | 13.00 | (11.00) | 125.0 | 100.6 | 80.5 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 539 |
| ZF060N08 | 57.0 | 13.00 | (10.8) | 100.0 | 80.0 | 80.5 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 567 |
| ZF060N10 | 57.0 | 13.00 | (10.8) | 125.0 | 100.0 | 80.3 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 567 |
| ZF060D06 | 57.0 | 13.00 | (10.8) | 75.0 | 60.8 | 81.1 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 567 |
| ZF060D10 | 57.0 | 13.00 | (10.8) | 125.0 | 100.6 | 80.5 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 567 |
| ZF072N08 | 68.0 | 11.2 | (11.0) | 100 | 80.0 | 80.5 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 640 |
| ZF072N10 | 68.0 | 11.2 | (11.0) | 125 | 100.0 | 80.3 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 640 |
| ZF072D06 | 68.0 | 11.2 | (11.0) | 75 | 60.8 | 81.1 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 640 |
| ZF072D10 | 68.0 | 11.2 | (11.0) | 125 | 100.6 | 81.1 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 640 |
| | | | | | | | | | | | | | |
| | AHRI Ratings (net) | | | Heating Performance | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
| Model | MBH | SEER | (EER) | 240V | 480V | 600V | | | | H | W | D | |
| Sunline™ Electric/Electric Rooftop Packaged Units (ZF) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | | |
| ZF036E | 36.0 | 13.00 | (11.00) | 5, 7, 10, 15, 20 | 7, 10, 15, 20 | 10, 15, 20 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 470 |
| ZF048E | 47.5 | 13.00 | (11.00) | 5, 7, 10, 15, 20 | 7, 10, 15, 20 | 10, 15, 20 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 539 |
| ZF060E | 57.0 | 13.00 | (10.8) | 5, 7, 10, 15, 20, 30 | 7, 10, 15, 20, 30 | 10, 15, 20, 30 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 567 |
| ZF072C00 | 68.0 | 11.20 | (11.30) | 5, 7, 10, 15, 20, 30 | 7, 10, 15, 20, 30 | 10, 15, 20, 30 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 640 |
| | | | | | | | | | | | | | |
| | AHRI Ratings (net) | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) | | | |
| Model | MBH | SEER | (EER) | | | | H | W | D | | | | |
| Sunline™ Cooling Only Rooftop Packaged Units (ZF) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | | |
| ZF036C00 | 36.0 | 13.00 | (11.00) | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 470 | | | |
| ZF048C00 | 47.5 | 13.00 | (11.00) | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 539 | | | |
| ZF060C00 | 57.0 | 13.00 | (11.00) | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 567 | | | |
| ZF072C00 | 68.0 | 11.20 | (11.30) | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 640 | | | |

PACKAGED COOLING AND HEATING UNITS

**Nominal Capacities****ZR** 36 to 60 MBH**Efficiency Ratings****ZR** 13 SEER**Limited Warranties**
(Heat Exchanger/Compressor/
Other Parts)**ZR** 10 Years/5 Years/1 Year¹¹ 5-year electric strip heater.**Sunline™ MagnaDRY™ Rooftop Packaged Units****(ZR) 3 to 5 Tons**

Available in cooling-only and cooling with gas heat, these packaged units have ultra-high cooling efficiencies, and the gas/electric models have impressive AFUE ratings. Convertible airflow design allows installation flexibility. A wide range of factory options include economizers, motorized dampers, power exhaust, high static blower, disconnect switch, powered GFI outlet, coil guard, dirty filter switch, phase monitor, supply and return smoke detectors, hinged access doors, stainless steel heat exchangers and technicoated evaporator and condenser coils. Honeywell, Novar,[®] Johnson[®] and CPC BAS unit controls are also available.

Special Benefits

- MagnaDRY™ is designed to provide excellent humidity and temperature control throughout a wide range of outdoor temperatures. Provides cooling and humidity control when needed.
- Innovative Simplicity[®] control board offers ease of setup, programming and monitoring.
- Energy-efficient scroll compressors.
- All model sizes share a common, compact design cabinet in a single footprint for on-site flexibility.
- Installation time and costs are reduced by easy power and control wiring. All units are factory-wired, piped, charged and tested prior to shipment. Factory-installed options further reduce installation costs.
- Gas and electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required and no accessory panel is necessary.
- Wide range of indoor airflows achieved with belt-drive blowers.
- Durable finish made of powder-painted, galvanized steel meets 1,000-hour salt-spray test demands.
- Full-perimeter base rails are permanently attached to provide a solid unit foundation and forklift access.
- Compressor is internally protected against high pressure and temperature.
- Grooved copper tubes and enhanced aluminum-fin construction improve heat transfer.
- Heat exchangers use corrosion-resistant, aluminized steel tubular construction for durability and long service life.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Complete line of field-installed accessories, including LoNox, propane and high-altitude conversion kits, motorized dampers, economizers and single- and dual-enthalpy sensors are available.
- Environmentally friendly R-410A refrigerant.

PACKAGED COOLING AND HEATING UNITS

Sunline™ MagnaDRY™ Rooftop Packaged Units (ZR) 3 to 5 Tons



VOLTAGE: 208/230-3-60, 460-3-60; 575-3-60 (ZR)

| | AHRI Ratings (net) | | | Heating Performance | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------------|-------|---------|------------------------------------|-------------------|------------------------------------|------------------------------------|------------------------------------|--------------------------|---------------------|-------------------------------------|--------|-------------------------------------|
| Model | MBH | SEER | (EER) | MBH Input | MBH Output | % SSE | | | | H | W | D | |
| Sunline™ Gas/Electric Rooftop Packaged Units (ZR) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | | |
| ZR036N04 | 35.0 | 13.00 | (11.20) | 50.0 | 40.0 | 80.9 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 575 |
| ZR036N08 | 35.0 | 13.00 | (11.20) | 100.0 | 80.0 | 80.5 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 575 |
| ZR036D06 | 35.0 | 13.00 | (11.20) | 75.0 | 60.8 | 81.1 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 575 |
| ZR036D10 | 35.0 | 13.00 | (11.20) | 115.0 | 92.0 | 80.2 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 575 |
| ZR048N06 | 48.0 | 13.00 | (11.20) | 75.0 | 60.0 | 80.9 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 585 |
| ZR048N10 | 48.0 | 13.00 | (11.20) | 125.0 | 100.0 | 80.3 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 585 |
| ZR048D06 | 48.0 | 13.00 | (11.20) | 75.0 | 60.8 | 81.1 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 585 |
| ZR048D10 | 48.0 | 13.00 | (11.20) | 125.0 | 100.6 | 80.5 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 585 |
| ZR060N08 | 58.5 | 13.00 | (11.20) | 100.0 | 80.0 | 80.5 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 590 |
| ZR060N10 | 58.5 | 13.00 | (11.20) | 125.0 | 100.0 | 80.3 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 590 |
| ZR060D06 | 58.5 | 13.00 | (11.20) | 75.0 | 60.8 | 81.1 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 590 |
| ZR060D10 | 58.5 | 13.00 | (11.20) | 125.0 | 100.6 | 80.5 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 590 |
| | AHRI Ratings (net) | | | Heating Performance | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
| Model | MBH | SEER | (EER) | 240V | 480V | 600V | | | | H | W | D | |
| Sunline™ Electric/Electric Rooftop Packaged Units (ZR) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | | |
| ZR036E | 35.0 | 13.00 | (11.20) | 5, 7, 10, 15, 20 | 7, 10, 15, 20 | 10, 15, 20 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 575 |
| ZR048E | 48.0 | 13.00 | (11.20) | 5, 7, 10, 15, 20 | 7, 10, 15, 20 | 10, 15, 20 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 585 |
| ZR060E | 60.0 | 13.00 | (11.20) | 5, 7, 10, 15, 20, 30 | 7, 10, 15, 20, 30 | 10, 15, 20, 30 | 17-1/2 x 11-1/2 | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 590 |
| | AHRI Ratings (net) | | | Bottom Supply Air Opening (inches) | | Bottom Return Air Opening (inches) | Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) | | |
| Model | MBH | SEER | (EER) | | | | | H | W | D | | | |
| Sunline™ Cooling Only Rooftop Packaged Units (ZR) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | | |
| ZR036C00 | 36.0 | 13.00 | (11.00) | 17-1/2 x 11-1/2 | | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 575 | | |
| ZR048C00 | 48.0 | 13.00 | (11.00) | 17-1/2 x 11-1/2 | | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 585 | | |
| ZR060C00 | 60.0 | 13.00 | (11.00) | 17-1/2 x 11-1/2 | | 17-1/2 x 11-1/2 | (2) 15 x 20; (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 590 | | |

PACKAGED COOLING AND HEATING UNITS

**Nominal Capacities**

| | |
|-----------|------------|
| ZX | 36–150 MBH |
| ZY | 36–120 MBH |

Efficiency Ratings

| | |
|-----------|------------------------------|
| ZX | 11-13 SEER/10.8–11.2 EER |
| ZY | 11.6-15.4 SEER/11.5-12.2 EER |

Limited Warranties

(Heat Exchanger/
Compressor/Other Parts)

| | |
|--------------|-------------------------|
| ZX/ZY | 10 Years/5 Years/1 Year |
|--------------|-------------------------|

Prestige™ Rooftop Packaged Units

(ZX) 3 to 12-1/2 Tons

(ZY) 3 to 10 Tons

The new York® Prestige™ packaged unit line is designed to match up with select competitive packaged unit footprints used throughout the industry in the last 25-30 years. The York® Prestige™ rooftop packaged units can be directly set on many existing roof curbs without the need for a heavy, bulky, expensive adapter curb.

These rugged, well-built units are designed to meet your job needs perfectly. So replacing old equipment with quality, high-performing heating and cooling Prestige™ packaged products not only saves time, but money on installation costs.

Features like 13 SEER/11.0 EER (3-5 tons) and 11.0 EER/11.2 IEER (6-12.5 tons) ratings, two simple footprints, advanced, yet simple to operate controls, rigid base and cabinet construction along with a host of many factory options and field installed accessories make the Prestige™ the right choice for your customers.

Special Benefits

- **Direct Replacement Rooftop**—The packaged unit that sits directly on select, yet popular competitors packaged unit roof curbs without the requirement of a costly and bulky adapter curb. This equates to job cost savings on both material and labor.
- **Simple Utility Connections**—The York® Prestige™ line of packaged units are designed to matchup directly with select competitor electrical, control and gas connections, thus reducing job cost and time.
- **New *Simplicity*™ SE Control**—The new generation of UPG control is provided as a standard component on the Prestige™ packaged unit that provides the reliability and ease of use found in the *Simplicity*™ line of controls.
- **Advanced Control Features**—The *Simplicity*™ SE control provides features such as an LCD display, joystick navigated menu, USB port, self test, auto-configuration, troubleshooting information and supply, return and outdoor air temperature sensors are provided standard. The competition in a similar packaged unit only provides electro-mechanical controls standard without any of the beneficial features found in the *Simplicity*™ SE control.
- **Rigid, Sturdy Construction**—The York® Prestige™ unit is built with embossed top panels to prevent sagging and excess vibration found in similar rooftops without panel embossments. Formed, heavy duty base rails improve the products rigidity and transportability over that of many competitors.
- **2" or 4" Air Filters**—A majority of York's light commercial packaged units and split system AHU's are designed to accommodate 2" or 4" air filters with easy field conversion from one size to the other. Most competitors do not offer this IAQ feature standard.
- **Powderpaint Cabinet**—York's powder coat paint meets 1,000-hour salt-spray requirements providing an excellent paint finish that's long lasting and superior to that of other competitors who only salt-spray test to 500 hours.
- **Low Leak Economizers**—Standard economizers will meet low leak requirements per ASHRAE 90.1-2010 and controlled directly from the *Simplicity*™ SE control. The newly designed economizers will operate in a more economical, precise manner than that of the competition, and will also eliminate older type economizer logic and actuator combinations.
- **American Quality**—All York UPG commercial packaged products (3-40 tons) and split systems (7.5-50 tons) are designed, engineered and assembled in the USA.
- **Full Line of Factory Options**—Factory options available on many existing York products will be available on the Prestige™ packaged unit. Options such as economizers, power exhaust, smoke detectors, louvered hail guards, convenience outlet, disconnects and others will be available.
- **Full Line of Field Installed Options**—Field installed economizers, manual OA dampers, power exhaust, head pressure/low ambient kits (below 0F or process applications), propane conversion, high altitude conversion kits, alternate motors and drives along with other field installed options.
- **Warranty**—The Prestige™ packaged units, along with the full line of commercial products up to 25 tons, receive a 1 year parts warranty, 5 year compressor and 10 year aluminized or 15 year stainless steel heat exchanger warranty. E-Fin coated evaporator or condenser coils also receive a 3 year extended warranty standard. Additional extended labor and parts warranties are also available.


PACKAGED COOLING AND HEATING UNITS

Prestige™ Rooftop Packaged Units

(ZX) 3 to 12-1/2 Tons

(ZY) 3 to 10 Tons



| Model | Ton | Type | AHRI Net Capacity BTUH | EER | SEER/IEER | CFM | CFM/Ton | Operating Weight (lbs.) |
|--|------|-------------------|------------------------|------|-----------|------|---------|-------------------------|
| Prestige™ Rooftop Packaged Units (ZX) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | |
| ZX04 | 3 | A/C with GAS HEAT | 34600 | 11.0 | 13.0 | 1200 | 400 | 515 |
| | | A/C COOLING ONLY | 34600 | 11.0 | 13.0 | 1200 | 400 | 469 |
| ZX05 | 4 | A/C with GAS HEAT | 45000 | 11.0 | 13.0 | 1600 | 400 | 552 |
| | | A/C COOLING ONLY | 45000 | 11.0 | 13.0 | 1600 | 400 | 498 |
| ZX06 | 5 | A/C with GAS HEAT | 59000 | 11.0 | 13.0 | 1800 | 360 | 584 |
| | | A/C COOLING ONLY | 59000 | 11.0 | 13.0 | 1800 | 360 | 530 |
| ZX07 | 6 | A/C with GAS HEAT | 69000 | 11.0 | 11.9 | 2300 | 383 | 646 |
| | | A/C COOLING ONLY | 69000 | 11.2 | 12.1 | 2300 | 383 | 592 |
| ZX08 | 7.5 | A/C with GAS HEAT | 85000 | 11.0 | 11.5 | 2900 | 387 | 893 |
| | | A/C COOLING ONLY | 85000 | 11.2 | 11.6 | 2900 | 387 | 791 |
| ZX09 | 8.5 | A/C with GAS HEAT | 99000 | 11.0 | 11.7 | 3300 | 388 | 954 |
| | | A/C COOLING ONLY | 99000 | 11.2 | 11.9 | 3300 | 388 | 852 |
| ZX12 | 10 | A/C with GAS HEAT | 116000 | 11.0 | 11.8 | 3400 | 340 | 985 |
| | | A/C COOLING ONLY | 116000 | 11.2 | 12.0 | 3400 | 340 | 879 |
| ZX14 | 12.5 | A/C with GAS HEAT | 135000 | 10.8 | 11.0 | 4000 | 320 | 1047 |
| | | A/C COOLING ONLY | 135000 | 11.0 | 11.2 | 4000 | 320 | 941 |
| Prestige™ Rooftop Packaged Units (ZY) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | |
| ZY04 | 3 | A/C with GAS HEAT | 36000 | 12.0 | 15.0 | 1200 | 400 | 527 |
| | | A/C COOLING ONLY | 36000 | 12.0 | 15.0 | 1200 | 400 | 481 |
| ZY05 | 4 | A/C with GAS HEAT | 49000 | 12.0 | 15.4 | 1600 | 400 | 618 |
| | | A/C COOLING ONLY | 49000 | 12.0 | 15.4 | 1600 | 400 | 565 |
| ZY06 | 5 | A/C with GAS HEAT | 58000 | 12.0 | 15.2 | 1600 | 320 | 636 |
| | | A/C COOLING ONLY | 58000 | 12.0 | 15.2 | 1600 | 320 | 582 |
| ZY07 | 6 | A/C with GAS HEAT | 72000 | 12.0 | 12.6 | 2400 | 400 | 804 |
| | | A/C COOLING ONLY | 72000 | 12.2 | 12.8 | 2400 | 400 | 735 |
| ZY08 | 7.5 | A/C with GAS HEAT | 89000 | 12.0 | 12.4 | 2900 | 387 | 980 |
| | | A/C COOLING ONLY | 89000 | 12.0 | 12.6 | 2900 | 387 | 878 |
| ZY09 | 8.5 | A/C with GAS HEAT | 98000 | 12.0 | 12.4 | 3000 | 353 | 980 |
| | | A/C COOLING ONLY | 98000 | 12.2 | 12.6 | 3000 | 353 | 878 |
| ZY12 | 10 | A/C with GAS HEAT | 116000 | 11.5 | 11.6 | 3200 | 320 | 1008 |
| | | A/C COOLING ONLY | 116000 | 11.7 | 11.8 | 3200 | 320 | 902 |

PACKAGED COOLING AND HEATING UNITS

**Nominal Capacities****ZF** 78 to 150 MBH**Efficiency Ratings****ZF** 11.0–11.2 EER**Limited Warranties**
(Heat Exchanger/
Compressor/Other Parts)**ZF** 10 Years/5 Years/1 Year¹¹ 5-year electric heat warranty.**Predator™ EPACT Compliant/Entry Level Efficiency
Rooftop Packaged Units****(ZF) 6-1/2 to 12-1/2 Tons**

The York® Predator™ line, which features 11.2 EER efficiencies, flexible, single-package models in cooling and electric/gas heating configurations, with side and down airflow convertibility. A common footprint allows easy installation on a curb, slab, roof rack or frame. Every unit is completely charged, wired, piped and tested. Servicing is simple with hinged doors and a slide-out motor and blower. The product includes foil-faced insulation for improved IAQ. Two compressors and independent refrigerant circuits ensure reliability.

Special Benefits

- All model sizes share a common footprint for on-site flexibility.
- Installation time and costs are reduced by easy power and control wiring. All units are factory-wired, piped, charged and tested prior to shipment. Factory-installed options further reduce installation costs.
- Gas and electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required, and no accessory panel is necessary.
- Wide range of indoor airflows using belt-drive blowers.
- Durable finish made of powder-painted, galvanized steel meets 1,000-hour salt-spray test demands.
- Full-perimeter base rails are permanently attached to provide a solid unit foundation and fork lift access.
- Compressor is internally protected against high pressure and temperature.
- Heat exchangers use corrosion-resistant, aluminized steel tubular construction for durability and long service life.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Complete line of field-installed accessories, including propane and high-altitude conversion kits, motorized dampers, economizers, power exhaust and single- and dual-enthalpy sensors are available.
- Environmentally friendly R-410A refrigerant.
- Condenser coils are constructed of MicroChannel aluminum tubing and aluminum fins for durability and long-lasting efficient operation.
- Evaporator coils are constructed with grooved copper tubes and enhanced aluminum fins to improve heat transfer.
- Variable air volume (VAV) option featuring a variable frequency drive (VFD) is available in several different factory and field-installed configurations to accommodate zoning needs (6-1/2 – 12-1/2 ton only).

PACKAGED COOLING AND HEATING UNITS

Predator™ EPACT Compliant/Entry Level Efficiency Rooftop Packaged Units

(ZF) 6-1/2 to 12-1/2 Tons



VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (ZF)

| Model | AHRI Ratings (net) | | Heating Performance | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------------|---------|--|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------|---------------------|-------------------------------------|----------|-------------------------------------|
| | MBH | (EER) | MBH Input | MBH Output | % SSE | | | | H | W | D | |
| Predator™ Gas/Electric Mid-Efficiency Rooftop Packaged Units (ZF) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | |
| ZF078N10 | 78 | (11.20) | 120 | 96 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 860 |
| ZF078N15 | 78 | (11.20) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 860 |
| ZF090N10 | 87 | (11.20) | 120 | 96 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 880 |
| ZF090N15 | 87 | (11.20) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 880 |
| ZF102N10 | 101 | (11.20) | 120 | 96 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1020 |
| ZF102N15 | 101 | (11.20) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1020 |
| ZF120N15 | 120 | (11.20) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1060 |
| ZF120N20 | 120 | (11.20) | 240 | 192 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1060 |
| ZF150N15 | 150 | (11.00) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 119-7/16 | 1253 |
| ZF150N20 | 150 | (11.00) | 240 | 192 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 119-7/16 | 1253 |
| Model | AHRI Ratings (net) | | Heating Performance Nominal Electric Heat Capacity (kW) | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
| | MBH | (EER) | 240V | 480V | 600V | | | | H | W | D | |
| Predator™ Electric/Electric Mid-Efficiency Rooftop Packaged Units (ZF) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | |
| ZF078E | 78 | (11.20) | 9, 18, 24, 36 | 9, 18, 24, 36 | 9, 18, 24, 36 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 860 |
| ZF090E | 87 | (11.20) | 9, 18, 24, 36 | 9, 18, 24, 36 | 9, 18, 24, 36 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 880 |
| ZF102E | 101 | (11.20) | 9, 18, 24, 36 | 9, 18, 24, 36 | 9, 18, 24, 36 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1020 |
| ZF120E | 120 | (11.20) | 18, 24, 36, 54 | 18, 24, 36, 54 | 18, 24, 36, 54 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1060 |
| ZF150E | 150 | (11.00) | 18, 24, 36, 54 | 18, 24, 36, 54 | 18, 24, 36, 54 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 119-7/16 | 1253 |
| Model | AHRI Ratings (net) | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) | | |
| | MBH | (EER) | IEER | | | | H | W | D | | | |
| Predator™ Cooling Only Mid-Efficiency Rooftop Packaged Units (ZF) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | |
| ZF078C00 | 78 | (11.20) | 13.0 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 860 | | |
| ZF090C00 | 87 | (11.20) | 12.1 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 880 | | |
| ZF102C00 | 101 | (11.20) | 12.5 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1020 | | |
| ZF120C00 | 120 | (11.20) | 12.5 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1060 | | |
| ZF150C00 | 150 | (11.00) | 12.7 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 119-7/16 | 1253 | | |

PACKAGED COOLING AND HEATING UNITS

**Nominal Capacities**

ZH 36 to 150 MBH

Efficiency Ratings

ZH 14 SEER/11.8 EER
(3-5 Tons)

ZH 11.5–11.7 EER
(6-1/2–12-1/2 Tons)

**Limited Warranties**

**(Heat Exchanger/
Compressor/Other Parts)**

ZH 10 Years/5 Years/1 Year¹

¹ 5-year electric heat warranty.

Predator™ Mid-Efficiency Rooftop Packaged Units

(ZH) 3 to 12-1/2 Tons

The York® Predator™ Mid-Efficiency line which features up to 11.8 EER efficiencies, flexible, single-package models in cooling and electric/gas heating configurations, with side and down airflow convertibility. A common footprint allows easy installation on a curb, slab, roof rack or frame. Every unit is completely charged, wired, piped and tested. Servicing is simple with hinged doors and a slide-out motor and blower. The product includes foil-faced insulation for improved IAQ. All 6-1/2 through 12-1/2 ton units have two compressors with independent refrigerant circuits to ensure reliability.

Special Benefits

- All model sizes share a common footprint for on-site flexibility.
- Installation time and costs are reduced by easy power and control wiring. All units are factory-wired, piped, charged and tested prior to shipment. Factory-installed options further reduce installation costs.
- Gas and electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required and no accessory panel is necessary.
- Wide range of indoor airflows achieved with belt-drive blowers.
- Durable finish made of powder-painted, galvanized steel meets 1,000-hour salt-spray test demands.
- Full-perimeter base rails are permanently attached to provide a solid unit foundation and forklift access.
- Compressor is internally protected against high pressure and temperature.
- Heat exchangers use corrosion-resistant, aluminized steel tubular construction for durability and long service life.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Complete line of field-installed accessories including propane and high-altitude conversion kits, motorized dampers, economizers, power exhaust and single- and dual-enthalpy sensors are available.
- Environmentally friendly R-410A refrigerant.
- Condenser coils are constructed of MicroChannel aluminum tubing and aluminum fins for durability and long-lasting efficient operation.
- Evaporator coils are constructed with grooved copper tubes and enhanced aluminum fins to improve heat transfer.
- Variable air volume (VAV) option featuring a variable frequency drive (VFD) is available in several different factory and field-installed configurations to accommodate zoning needs (6-1/2 – 12-1/2 ton only).


PACKAGED COOLING AND HEATING UNITS


Predator™ Mid-Efficiency Rooftop Packaged Units

(ZH) 3 to 12-1/2 Tons



VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (ZH)

| | AHRI Ratings (net) | | | Heating Performance | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|--|--------------------|------|---------|---------------------|------------|-------|------------------------------------|------------------------------------|-------------------------|---|----|----------|-------------------------------------|
| Model | MBH | SEER | (EER) | MBH Input | MBH Output | % SSE | | | | H | W | D | |
| Predator™ Gas/Electric Mid-Efficiency Rooftop Packaged Units (ZH) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | |  | | | |
| ZH037A05 | 36 | 14 | (11.80) | 60 | 49 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 723 |
| ZH037A07 | 36 | 14 | (11.80) | 80 | 65 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 723 |
| ZH037A09 | 36 | 14 | (11.80) | 120 | 97 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 723 |
| ZH049A05 | 48 | 14 | (11.80) | 60 | 49 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 763 |
| ZH049A07 | 48 | 14 | (11.80) | 80 | 65 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 763 |
| ZH049A09 | 48 | 14 | (11.80) | 120 | 97 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 763 |
| ZH061A07 | 58 | 14 | (11.80) | 80 | 65 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 772 |
| ZH061A09 | 58 | 14 | (11.80) | 120 | 97 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 772 |
| ZH061A13 | 58 | 14 | (11.80) | 160 | 129 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 772 |
| ZH078N10 | 78 | — | (11.50) | 120 | 96 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 910 |
| ZH078N15 | 78 | — | (11.50) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 910 |
| ZH090N10 | 90 | — | (11.50) | 120 | 96 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 910 |
| ZH090N15 | 90 | — | (11.50) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 910 |
| ZH102N10 | 100 | — | (11.50) | 120 | 96 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1030 |
| ZH102N15 | 100 | — | (11.50) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1030 |
| ZH120N15 | 120 | — | (11.70) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1090 |
| ZH120N20 | 120 | — | (11.70) | 240 | 192 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1090 |
| ZH150N15 | 150 | — | (11.50) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 119-7/16 | 1215 |
| ZH150N20 | 150 | — | (11.50) | 240 | 192 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 119-7/16 | 1215 |

| | AHRI Ratings (net) | | | Heating Performance Nominal Electric Heat Capacity (kW) | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------------|------|---------|--|------------------|------------------|------------------------------------|------------------------------------|-------------------------|---|----|----------|-------------------------------------|
| Model | MBH | SEER | (EER) | 240V | 480V | 600V | | | | H | W | D | |
| Predator™ Electric/Electric Mid-Efficiency Rooftop Packaged Units (ZH) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | |  | | | |
| ZH037E | 36 | 14 | (11.80) | 3, 6, 9, 15 | 3, 6, 9, 15 | 3, 6, 9, 15 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 723 |
| ZH049E | 48 | 14 | (11.80) | 6, 9, 15, 20 | 6, 9, 15, 20 | 6, 9, 15, 20 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 763 |
| ZH061E | 58 | 14 | (11.80) | 6, 9, 15, 20, 24 | 6, 9, 15, 20, 24 | 6, 9, 15, 20, 24 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 772 |
| ZH078E | 78 | — | (11.70) | 9, 18, 24, 36 | 9, 18, 24, 36 | 9, 18, 24, 36 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 910 |
| ZH090E | 90 | — | (11.70) | 9, 18, 24, 36 | 9, 18, 24, 36 | 9, 18, 24, 36 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 910 |
| ZH102E | 100 | — | (11.70) | 9, 18, 24, 36 | 9, 18, 24, 36 | 9, 18, 24, 36 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1060 |
| ZH120E | 120 | — | (11.70) | 18, 24, 36, 54 | 18, 24, 36, 54 | 18, 24, 36, 54 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1090 |
| ZH150E | 150 | — | (11.70) | 18, 24, 36, 54 | 18, 24, 36, 54 | 18, 24, 36, 54 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 119-7/16 | 1215 |


PACKAGED COOLING AND HEATING UNITS



Predator™ Mid-Efficiency Rooftop Packaged Units

(ZH) 3 to 12-1/2 Tons

VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (ZH)

| Model | AHRI Ratings (net) | | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|--|--------------------|------|---------|------|------------------------------------|------------------------------------|-------------------------|---|----|----------|-------------------------------------|
| | MBH | SEER | (EER) | IEER | | | | H | W | D | |
| Predator™ Cooling Only Mid-Efficiency Rooftop Packaged Units (ZH) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | |  | | | |
| ZH037C00 | 36 | 14 | (11.80) | — | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 723 |
| ZH049C00 | 48 | 14 | (11.80) | — | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 763 |
| ZH061C00 | 60 | 14 | (11.80) | — | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 772 |
| ZH078C00 | 78 | — | (11.70) | 13.6 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 910 |
| ZH090C00 | 90 | — | (11.70) | 13.1 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 910 |
| ZH102C00 | 100 | — | (11.70) | 13.0 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1030 |
| ZH120C00 | 120 | — | (11.70) | 12.6 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1090 |
| ZH150C00 | 150 | — | (11.70) | 14.1 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 119-7/16 | 1215 |

PACKAGED COOLING AND HEATING UNITS

Predator™ High-Efficiency Rooftop Packaged Units**(ZJ) 3 to 12-1/2 Tons**

The York® Predator™ High-Efficiency line, which features 12.2 EER efficiencies, flexible, single-package models in cooling and electric/gas heating configurations, with side and down airflow convertibility. A common footprint allows easy installation on a curb, slab, roof rack or frame. Every unit is completely charged, wired, piped and tested. Servicing is simple with hinged doors and a slide-out motor and blower. The product includes foil-faced insulation for improved IAQ. All 6-1/2 through 12-1/2 ton units have two compressors with independent refrigerant circuits to ensure reliability.

Special Benefits

- All model sizes share a common footprint for on-site flexibility.
- Installation time and costs are reduced by easy power and control wiring. All units are factory-wired, piped, charged and tested prior to shipment. Factory-installed options further reduce installation costs.
- Gas and electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required and no accessory panel is necessary.
- Wide range of indoor airflows achieved with belt-drive blowers.
- Durable finish made of powder-painted, galvanized steel meets 1,000-hour salt-spray test demands.
- Full-perimeter base rails are permanently attached to provide a solid unit foundation and forklift access.
- Compressor is internally protected against high pressure and temperature.
- Heat exchangers use corrosion-resistant, aluminized steel tubular construction for durability and long service life.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Complete line of field-installed accessories, including propane and high-altitude conversion kits, motorized dampers, economizers, power exhaust and single- and dual-enthalpy sensors are available.
- Environmentally friendly R-410A refrigerant.
- Condenser coils are constructed of MicroChannel aluminum tubing and aluminum fins for durability and long-lasting efficient operation.
- Evaporator coils are constructed with grooved copper tubes and enhanced aluminum fins to improve heat transfer.
- Variable air volume (VAV) option featuring a variable frequency drive (VFD) is available in several different factory and field-installed configurations to accommodate zoning needs (6-1/2 – 12-1/2 ton only).

**Nominal Capacities****ZJ** 36 to 150 MBH**Efficiency Ratings****ZJ** 15 SEER/12.2 EER
(3-5 Tons)**ZJ** 12.0–12.2 EER
(6-1/2–12-1/2 Tons)**Limited Warranties****(Heat Exchanger/
Compressor/Other Parts)****ZJ** 10 Years/5 Years/1 Year¹¹ 5-year electric heat warranty.



PACKAGED COOLING AND HEATING UNITS



Predator™ High-Efficiency Rooftop Packaged Units

(ZJ) 3 to 12-1/2 Tons

VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (ZJ)

| | AHRI Ratings (net) | | | Heating Performance | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|--|--------------------|------|---------|--|------------------|------------------|------------------------------------|------------------------------------|-------------------------|---------------------|----|----------|-------------------------------------|
| Model | MBH | SEER | (EER) | MBH Input | MBH Output | % SSE | | | | H | W | D | |
| Predator™ Gas/Electric High-Efficiency Rooftop Packaged Units (ZJ) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | | |
| ZJ037N05 | 36 | 15 | (12.20) | 60 | 49 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 740 |
| ZJ037N07 | 36 | 15 | (12.20) | 80 | 65 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 740 |
| ZJ037N09 | 36 | 15 | (12.20) | 120 | 97 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 740 |
| ZJ049N05 | 48 | 15 | (12.20) | 60 | 49 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 762 |
| ZJ049N07 | 48 | 15 | (12.20) | 80 | 65 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 762 |
| ZJ049N09 | 48 | 15 | (12.20) | 120 | 97 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 762 |
| ZJ061N07 | 60 | 15 | (12.20) | 80 | 65 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 770 |
| ZJ061N09 | 60 | 15 | (12.20) | 120 | 97 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 770 |
| ZJ061N13 | 60 | 15 | (12.20) | 160 | 129 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 770 |
| ZJ078N10 | 77 | — | (12.00) | 120 | 96 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1030 |
| ZJ078N15 | 77 | — | (12.00) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1030 |
| ZJ090N10 | 90 | — | (12.20) | 120 | 96 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1081 |
| ZJ090N15 | 90 | — | (12.20) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1081 |
| ZJ102N10 | 102 | — | (12.00) | 120 | 96 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1060 |
| ZJ102N15 | 102 | — | (12.00) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1060 |
| ZJ120N15 | 120 | — | (12.00) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1070 |
| ZJ120N20 | 120 | — | (12.00) | 240 | 192 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1070 |
| ZJ150N15 | 150 | — | (12.00) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 119-7/16 | 1280 |
| ZJ150N20 | 150 | — | (12.00) | 240 | 192 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 119-7/16 | 1280 |
| | | | | | | | | | | | | | |
| | AHRI Ratings (net) | | | Heating Performance Nominal Electric Heat Capacity (kW) | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
| Model | MBH | SEER | (EER) | 240V | 480V | 600V | | | | H | W | D | |
| Predator™ Electric/Electric High-Efficiency Rooftop Packaged Units (ZJ) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | | |
| ZJ037E | 36 | 15 | (12.20) | 3, 6, 9, 15 | 3, 6, 9, 15 | 3, 6, 9, 15 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 740 |
| ZJ049E | 48 | 15 | (12.20) | 6, 9, 15, 20 | 6, 9, 15, 20 | 6, 9, 15, 20 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 762 |
| ZJ061E | 60 | 15 | (12.20) | 6, 9, 15, 20, 24 | 6, 9, 15, 20, 24 | 6, 9, 15, 20, 24 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 770 |
| ZJ078E | 77 | — | (12.20) | 9, 18, 24, 36 | 9, 18, 24, 36 | 9, 18, 24, 36 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1030 |
| ZJ090E | 90 | — | (12.20) | 9, 18, 24, 36 | 9, 18, 24, 36 | 9, 18, 24, 36 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1081 |
| ZJ102E | 102 | — | (12.20) | 9, 18, 24, 36 | 9, 18, 24, 36 | 9, 18, 24, 36 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1060 |
| ZJ120E | 120 | — | (12.00) | 18, 24, 36, 54 | 18, 24, 36, 54 | 18, 24, 36, 54 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1070 |
| ZJ150E | 150 | — | (12.00) | 18, 24, 36, 54 | 18, 24, 36, 54 | 18, 24, 36, 54 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 119-7/16 | 1280 |


PACKAGED COOLING AND HEATING UNITS

Predator™ High-Efficiency Rooftop Packaged Units

(ZJ) 3 to 12-1/2 Tons



VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (ZJ)

| Model | AHRI Ratings (net) | | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------------|------|---------|------|------------------------------------|------------------------------------|-------------------------|---------------------|----|----------|-------------------------------------|
| | MBH | SEER | (EER) | IEER | | | | H | W | D | |
| Predator™ Cooling Only High-Efficiency Rooftop Packaged Units (ZJ) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | |
| ZJ037C00 | 36 | 15 | (12.20) | — | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 740 |
| ZJ049C00 | 48 | 15 | (12.20) | — | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 762 |
| ZJ061C00 | 60 | 15 | (12.20) | — | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 770 |
| ZJ078C00 | 77 | — | (12.20) | 14.9 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1030 |
| ZJ090C00 | 90 | — | (12.20) | 14.2 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1081 |
| ZJ102C00 | 102 | — | (12.20) | 13.6 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1060 |
| ZJ120C00 | 120 | — | (12.00) | 13.4 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 89 | 1070 |
| ZJ150C00 | 150 | — | (12.00) | 14.1 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 20 | 50-3/4 | 59 | 119-7/16 | 1280 |

PACKAGED COOLING AND HEATING UNITS

**Nominal Capacities**

ZT 36 to 160 MBH

Efficiency Ratings

ZT (3 Ton) 18.1 SEER/14.15 EER

ZT (4 Ton) 18.0 SEER/14.35 EER

ZT (5 Ton) 17.5 SEER/13.85 EER

**Limited Warranties**

**(Heat Exchanger/
Compressor/Other Parts)**

ZT 10 Years/5 Years/1 Year¹

1. 5-year electric heat warranty.

Predator™ Ultra High-Efficiency Rooftop Packaged Units (ZT) 3 to 5 Tons

Introducing the York® Predator™ Ultra High-Efficiency line, which features 18+ SEER/14.3 EER efficiencies, flexible, single-package models in cooling and electric/gas heating configurations, with side and down airflow convertibility. A common footprint allows easy installation on a curb, slab, roof rack or frame. Every unit is completely charged, wired, piped and tested. Servicing is simple with hinged doors and a slide-out motor and blower. The product includes foil-faced insulation for improved IAQ. All units are equipped with a single, two-stage scroll compressor and two-stage, belt drive, VFD supply fan.

Special Benefits


- All model sizes share a common footprint for on-site flexibility.
- Installation time and costs are reduced by easy power and control wiring. All units are factory-wired, piped, charged and tested prior to shipment. Factory-installed options further reduce installation costs.
- Gas and electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required and no accessory panel is necessary.
- Wide range of indoor airflows achieved with belt-drive blowers.
- Durable finish made of powder-painted, galvanized steel meets 1,000-hour salt-spray test demands.
- Full-perimeter base rails are permanently attached to provide a solid unit foundation and forklift access.
- Compressor is internally protected against high pressure and temperature.
- Heat exchangers use corrosion-resistant, aluminized steel tubular construction for durability and long service life.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Complete line of field-installed accessories, including propane and high-altitude conversion kits, motorized dampers, economizers, power exhaust and single- and dual-enthalpy sensors are available.
- Environmentally friendly R-410A refrigerant.
- Condenser coils are constructed of MicroChannel aluminum tubing and aluminum fins for durability and long-lasting efficient operation.
- Evaporator coils are constructed with grooved copper tubes and enhanced aluminum fins to improve heat transfer.
- Standard adjustable belt drive supply fan motor providing a wide range of airflow adjustments.
- *Simplicity*® Intelli-Comfort™ II control with Intelli-Speed™ technology provides excellent comfort with industry leading efficiency.


PACKAGED COOLING AND HEATING UNITS

Predator™ Ultra High-Efficiency Rooftop Packaged Units (ZT) 3 to 5 Tons




VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (ZT)

| | AHRI Ratings | | | Heating Performance | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------|------|--------|---------------------|------------|-------|------------------------------------|------------------------------------|-------------------------|---------------------|----|----|-------------------------------------|
| Model | MBH | SEER | (EER) | MBH Input | MBH Output | % SSE | | | | H | W | D | |
| Predator™ Gas/Electric Ultra High-Efficiency Rooftop Packaged Units (ZT) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | | |
| ZT037N05 | 38 | 18.1 | (14.1) | 60 | 49 | 81.5 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 922 |
| ZT037N07 | 38 | 18.1 | (14.1) | 80 | 65 | 81.0 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 922 |
| ZT037N09 | 38 | 18.1 | (14.1) | 120 | 97 | 81.0 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 922 |
| ZT049N05 | 52 | 18.0 | (14.3) | 60 | 49 | 81.5 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 960 |
| ZT049N07 | 52 | 18.0 | (14.3) | 80 | 65 | 81.0 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 960 |
| ZT049N09 | 52 | 18.0 | (14.3) | 120 | 97 | 81.0 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 960 |
| ZT061N07 | 64 | 17.5 | (13.8) | 80 | 65 | 81.0 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 968 |
| ZT061N09 | 64 | 17.5 | (13.8) | 120 | 97 | 81.0 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 968 |
| ZT061N13 | 64 | 17.5 | (13.8) | 160 | 129 | 80.5 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 968 |

| Model | AHRI Ratings | | | Heating Performance Nominal Electric Heat Capacity (kW) | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|--|--------------|------|--------|--|------------------|------------------|---|---|----------------------------|---|----|----|---|
| | MBH | SEER | (EER) | 240V | 480V | 600V | | | | H | W | D | |
| Predator™ Electric/Electric Ultra High-Efficiency Rooftop Packaged Units (ZT) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | |  | | | |
| ZT037E | 38 | 18.1 | (14.1) | 3,6,9,15 | 3,6,9,15 | 3,6,9,15 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 875 |
| ZT049E | 52 | 18.0 | (14.3) | 6,9,15,20 | 6,9,15,20 | 6,9,15,20 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 910 |
| ZT061E | 64 | 17.5 | (15.3) | 6, 9, 15, 20, 24 | 6, 9, 15, 20, 24 | 6, 9, 15, 20, 24 | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 918 |

VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (ZJ)

| Model | AHRI Ratings | | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------|------|--------|------|------------------------------------|------------------------------------|-------------------------|---|----|----|-------------------------------------|
| | MBH | SEER | (EER) | IEER | | | | H | W | D | |
| Predator™ Cooling Only Ultra High-Efficiency Rooftop Packaged Units (ZT) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | |  | | | |
| ZT037C00 | 38 | 18.1 | (14.1) | — | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 812 |
| ZT049C00 | 52 | 18.0 | (14.3) | — | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 850 |
| ZT061C00 | 64 | 17.5 | (13.8) | — | 24 x 21 | 27-1/2 x 18 | (4) 24 x 16 | 42 | 59 | 89 | 858 |

PACKAGED COOLING AND HEATING UNITS

**Nominal Capacities**

ZR 36 to 150 MBH

Efficiency Ratings

ZR Up to 15 SEER/12.2 EER
(3-5 Tons)

ZR 11.0–11.2 EER
(6-1/2–12-1/2 Tons)

**Limited Warranties**

**(Heat Exchanger/
Compressor/Other Parts)**

ZR 10 Years/5 Years /1 Year¹

1. 5-year electric heat warranty.

Predator™ MagnaDRY™ Packaged Rooftop Units

(ZR) 3 to 12-1/2 Tons

The MagnaDRY™ York® Predator™ line features up to 12.2 EER efficiencies and offers flexible, single-package models in cooling and electric/gas heating configurations, with side and down airflow convertibility. A common footprint allows easy installation on a curb, slab, roof rack or frame. Every unit is completely charged, wired, piped and tested. Servicing is simple with hinged doors and a slide-out motor and blower. The product includes foil-faced insulation for improved IAQ. Two compressors and independent refrigerant circuits ensure reliability.

Special Benefits

- MagnaDRY™ is designed to provide excellent humidity and temperature control throughout a wide range of outdoor temperatures. Provides cooling and humidity control when needed.
- Hot Gas Reheat coil.
- Simplicity® microprocessor control board.
- All model sizes share a common footprint for on-site flexibility.
- Installation time and costs are reduced by easy power and control wiring. All units are factory-wired, piped, charged and tested prior to shipment. Factory-installed options further reduce installation costs.
- Gas and electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required and no accessory panel is necessary.
- Wide range of indoor airflows achieved with belt-drive blowers.
- Durable finish made of powder-painted, galvanized steel meets 1,000-hour salt-spray test demands.
- Full-perimeter base rails are permanently attached to provide a solid unit foundation and forklift access.
- Compressor is internally protected against high pressure and temperature.
- Grooved copper tubes and enhanced aluminum-fin construction improve heat transfer.
- Heat exchangers use corrosion-resistant, aluminized steel tubular construction for durability and long service life.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Complete line of field-installed accessories including propane and high-altitude conversion kits, motorized dampers, economizers, power exhaust and single- and dual-enthalpy sensors are available.
- Environmentally friendly R-410A refrigerant.



PACKAGED COOLING AND HEATING UNITS

Predator™ Rooftop Packaged Units

(ZR) 3 to 12-1/2 Tons



VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (ZR)

| Model | AHRI Ratings (net) | | Heating Performance | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|--|-----------------------|---------|--|------------------|------------------|---|---|----------------------------|---------------------|----|----------|---|
| | MBH | (EER) | MBH Input | MBH Output | % SSE | | | | H | W | D | |
| Predator™ Gas/Electric Rooftop Packaged Units (ZR) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | |
| ZR037N05* | 35.5 | (15.00) | 60 | 49 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 16 | 42 | 59 | 89 | 867 |
| ZR037N07* | 35.5 | (15.00) | 80 | 65 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 16 | 42 | 59 | 89 | 867 |
| ZR037N09* | 35.5 | (15.00) | 120 | 97 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 16 | 42 | 59 | 89 | 867 |
| ZR049N05* | 47.5 | (15.00) | 60 | 49 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 16 | 42 | 59 | 89 | 880 |
| ZR049N07* | 47.5 | (15.00) | 80 | 65 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 42 | 59 | 89 | 880 |
| ZR049N09* | 47.5 | (15.00) | 120 | 97 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 42 | 59 | 89 | 880 |
| ZR061N07* | 60 | (14.70) | 80 | 65 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 42 | 59 | 89 | 867 |
| ZR061N09* | 60 | (14.70) | 120 | 97 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 42 | 59 | 89 | 867 |
| ZR061N13* | 60 | (14.70) | 160 | 129 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 42 | 59 | 89 | 867 |
| ZR078N10 | 78 | (11.20) | 120 | 96 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 42 | 59 | 89 | 965 |
| ZR078N15 | 78 | (11.20) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 16 | 42 | 59 | 89 | 965 |
| ZR090N10 | 88 | (11.20) | 120 | 96 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 16 | 42 | 59 | 89 | 965 |
| ZR090N15 | 88 | (11.20) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 16 | 42 | 59 | 89 | 965 |
| ZR102N10 | 100 | (11.20) | 120 | 96 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 50-3/4 | 59 | 89 | 965 |
| ZR102N15 | 100 | (11.20) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 50-3/4 | 59 | 89 | 1200 |
| ZR120N15 | 120 | (11.20) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 50-3/4 | 59 | 89 | 1200 |
| ZR120N20 | 120 | (11.20) | 240 | 192 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 50-3/4 | 59 | 89 | 1200 |
| ZR150N15 | 150 | (11.00) | 180 | 144 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 50-3/4 | 59 | 119-7/16 | 1200 |
| ZR150N20 | 150 | (11.00) | 240 | 192 | 80 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 50-3/4 | 59 | 119-7/16 | 1465 |
| Model | AHRI Ratings (net) | | Heating Performance Nominal Electric Heat Capacity (kW) | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
| | MBH | (EER) | 240V | 480V | 600V | | | | H | W | D | |
| Predator™ Electric/Electric Rooftop Packaged Units (ZR) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | |
| ZR037E* | 36 | (12.20) | 3, 6, 9, 15 | 3, 6, 9, 15 | 3, 6, 9, 15 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 16 | 42 | 59 | 89 | 867 |
| ZR049E* | 48 | (12.20) | 3, 6, 15, 20 | 3, 6, 15, 20 | 3, 6, 15, 20 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 16 | 42 | 59 | 89 | 867 |
| ZR061E* | 60 | (12.20) | 6, 9, 15, 20, 24 | 6, 9, 15, 20, 24 | 6, 9, 15, 20, 24 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 16 | 42 | 59 | 89 | 867 |
| ZR078E | 78 | (11.20) | 9, 18, 24, 36 | 9, 18, 24, 36 | 9, 18, 24, 36 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 16 | 42 | 59 | 89 | 965 |
| ZR090E | 88 | (11.20) | 9, 18, 24, 36 | 9, 18, 24, 36 | 9, 18, 24, 36 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 16 | 42 | 59 | 89 | 965 |
| ZR102E | 100 | (11.20) | 9, 18, 24, 36 | 9, 18, 24, 36 | 9, 18, 24, 36 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 50-3/4 | 59 | 89 | 1200 |
| ZR120E | 120 | (11.20) | 18, 24, 36, 54 | 18, 24, 36, 54 | 18, 24, 36, 54 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 50-3/4 | 59 | 89 | 1200 |
| ZR150E | 150 | (11.00) | 18, 24, 36, 54 | 18, 24, 36, 54 | 18, 24, 36, 54 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 50-3/4 | 59 | 119-7/16 | 1465 |

*This model meets requirements for ENERGY STAR® qualification.

PACKAGED COOLING AND HEATING UNITS



Predator™ Rooftop Packaged Units
(ZR) 3 to 12-1/2 Tons

VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (ZR)

| Model | AHRI Ratings (net) | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------------|---------|------|------------------------------------|------------------------------------|-------------------------|---------------------|----|----------|-------------------------------------|
| | MBH | (EER) | IEER | | | | H | W | D | |
| Predator™ Cooling Only Rooftop Packaged Units (ZR) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | |
| ZR078C00 | 78 | (11.20) | 13.0 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 16 | 42 | 59 | 89 | 965 |
| ZR090C00 | 88 | (11.20) | 12.0 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 16 | 42 | 59 | 89 | 965 |
| ZR102C00 | 100 | (11.20) | 12.5 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 50-3/4 | 59 | 89 | 1200 |
| ZR120C00 | 120 | (11.20) | 12.3 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 50-3/4 | 59 | 89 | 1200 |
| ZR150C00 | 150 | (11.00) | 12.5 | 24 x 21 | 27-1/2 x 18 | (4) 25 x 20 | 50-3/4 | 59 | 119-7/16 | 1465 |

PACKAGED COOLING AND HEATING UNITS

Sunline™ Rooftop Packaged Units**(ZF) 15 to 25 Tons**

Available in cooling-only and cooling with gas heat, these packaged units have ultra-high cooling efficiencies, and the gas/electric models have impressive heating efficiency ratings. Convertible airflow design allows installation flexibility. A wide range of factory options include economizers, motorized dampers, power exhaust, high static blower, disconnect switch, powered GFI outlet, coil guard, dirty filter switch, phase monitor, supply and return smoke detectors, hinged access doors, stainless steel heat exchangers and technicoated evaporator and condenser coils. Simplicity® Intelli-Comfort™ and YCCS controls along with Honeywell, Novar®, Johnson® and CPC BAS unit controls are also available.

Special Benefits

- Innovative Simplicity® control board offers ease of setup, programming and monitoring.
- Energy-efficient scroll compressors.
- All model sizes share a compact cabinet in two footprints for on-site flexibility.
- Installation time and costs are reduced by easy power and control wiring. All units are factory-wired, piped, charged and tested prior to shipment. Factory-installed options further reduce installation costs.
- Gas and electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required and no accessory panel is necessary.
- Wide range of indoor airflows achieved with belt-drive blowers.
- Durable finish made of powder-painted, galvanized steel meets 1,000-hour salt-spray test demands.
- Full-perimeter base rails are permanently attached to provide a solid unit foundation and forklift access.
- Compressor is internally protected against high pressure and temperature.
- Grooved copper tubes and enhanced aluminum-fin construction improve heat transfer.
- Heat exchangers use corrosion-resistant, aluminized steel tubular construction for durability and long service life.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Complete line of field-installed accessories, including propane and high-altitude conversion kits, motorized dampers, economizers, single- and dual-enthalpy sensors are available.
- Environmentally friendly R-410A refrigerant.
- Variable air volume option with Factory or Field-installed VFD.

**Nominal Capacities****ZF** 180 to 300 MBH**Efficiency Ratings****ZF** 10.0–11.0 EER**Limited Warranties****(Heat Exchanger/
Compressor/Other Parts)****ZF** 10 Years/5 Years/1 Year¹¹ 5-year electric strip heater.

PACKAGED COOLING AND HEATING UNITS

Sunline™ Rooftop Packaged Units

(ZF) 15 to 25 Tons



VOLTAGE: 208/230-3-60, 460-3-60; (15 and 20 tons) 575-3-60 (ZF)

| | AHRI Ratings (net) | | | Heating Performance | | | | Supply Air Opening (inches) | Return Air Opening (inches) | 2" or 4" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------------|---------|------|---|------------|--------|-----------------------------|-----------------------------|-------------------------------|-------------------------------|---------------------|---------|-------------------------------------|-------------------------------------|
| Model | MBH | (EER) | IEER | MBH Input | MBH Output | % AFUE | SSE | | | | H | W | D | |
| Sunline™ Gas/Electric Rooftop Packaged Units (ZF) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | | | |
| ZF180N24 | 172 | (11.00) | 12.1 | 300 | 240 | — | 80.0 | 22-1/2 x 35-5/8 | 32-7/8x35-5/8 | (5) 18 x 24 | 48-5/8 | 92 | 125-1/4 | 1870 |
| ZF180N32 | 172 | (11.00) | 12.1 | 400 | 320 | — | 80.0 | 22-1/2 x 35-5/8 | 32-7/8x35-5/8 | (5) 18 x 24 | 48-5/8 | 92 | 125-1/4 | 1870 |
| ZF210N24 | 204 | (11.00) | 11.9 | 300 | 240 | — | 80.0 | 22-1/2 x 35-5/8 | 32-7/8x35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2006 |
| ZF210N32 | 204 | (11.00) | 11.9 | 400 | 320 | — | 80.0 | 22-1/2 x 35-5/8 | 32-7/8x35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2006 |
| ZF240N24 | 240 | (10.00) | 11.0 | 300 | 240 | — | 80.0 | 22-1/2 x 35-5/8 | 32-7/8x35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2533 |
| ZF240N32 | 240 | (10.00) | 11.0 | 400 | 320 | — | 80.0 | 22-1/2 x 35-5/8 | 32-7/8x35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2533 |
| ZF300N24 | 279 | (10.00) | 10.5 | 300 | 240 | — | 80.0 | 22-1/2 x 35-5/8 | 32-7/8x35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2597 |
| ZF300N32 | 279 | (10.00) | 10.5 | 400 | 320 | — | 80.0 | 22-1/2 x 35-5/8 | 32-7/8x35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2597 |
| | | | | | | | | | | | | | | |
| | AHRI Ratings (net) | | | Heating Performance Nominal Electric Heat Capacity (kW) | | | Supply Air Opening (inches) | Return Air Opening (inches) | 2" or 4" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) | |
| Model | MBH | (EER) | IEER | 240V | 480V | 600V | | | | H | W | D | | |
| Sunline™ Electric/Electric Rooftop Packaged Units (ZF) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | | | |
| ZF180E18 | 172 | (11.00) | 12.1 | 18 | 18 | 18 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (5) 18 x 24 | 48-5/8 | 92 | 125-1/4 | 1870 | |
| ZF180E36 | 172 | (11.00) | 12.1 | 36 | 36 | 36 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (5) 18 x 24 | 48-5/8 | 92 | 125-1/4 | 1870 | |
| ZF180E54 | 172 | (11.00) | 12.1 | 54 | 54 | 54 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (5) 18 x 24 | 48-5/8 | 92 | 125-1/4 | 1870 | |
| ZF180E72 | 172 | (11.00) | 12.1 | 72 | 72 | 72 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (5) 18 x 24 | 48-5/8 | 92 | 125-1/4 | 1870 | |
| ZF210E18 | 204 | (11.00) | 11.9 | 18 | 18 | 18 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2006 | |
| ZF210E36 | 204 | (11.00) | 11.9 | 36 | 36 | 36 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2006 | |
| ZF210E54 | 204 | (11.00) | 11.9 | 54 | 54 | 54 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2006 | |
| ZF210E72 | 204 | (11.00) | 11.9 | 72 | 72 | 72 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2006 | |
| ZF240E18 | 240 | (10.00) | 11.0 | 18 | 18 | 18 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2533 | |
| ZF240E36 | 240 | (10.00) | 11.0 | 36 | 36 | 36 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2533 | |
| ZF240E54 | 240 | (10.00) | 11.0 | 54 | 54 | 54 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2533 | |
| ZF240E72 | 240 | (10.00) | 11.0 | 72 | 72 | 72 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2533 | |
| ZF300E18 | 270 | (10.00) | 10.5 | 18 | 18 | 18 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2597 | |
| ZF300E36 | 270 | (10.00) | 10.5 | 36 | 36 | 36 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2597 | |
| ZF300E54 | 270 | (10.00) | 10.5 | 54 | 54 | 54 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2597 | |
| ZF300E72 | 270 | (10.00) | 10.5 | 72 | 72 | 72 | 22-1/2 x 35-5/8 | 32-7/8 x 35-5/8 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 136-1/4 | 2597 | |

PACKAGED COOLING AND HEATING UNITS

Sunline™ MAGNUM™ Rooftop Packaged Units**(ZJ) 15, 17-1/2, 20 and 25 Tons**

Available in cooling-only and cooling with gas heat, these packaged units have extremely high cooling efficiencies, and the gas/electric models have impressive efficiency ratings. Convertible airflow design allows installation flexibility. A wide range of factory options includes economizers, motorized dampers, power exhaust, high static blower, disconnect switch, powered GFI outlet, coil guard, dirty filter switch, phase monitor, supply and return smoke detectors, hinged access doors, stainless steel heat exchangers and technicoated evaporator and condenser coils. Simplicity® Intelli-Comfort™ and YCCS controls along with Honeywell, Novar®, Johnson® and CPC BAS unit controls are also available.

Special Benefits

- Innovative Simplicity® control board offers ease of setup, programming and monitoring.
- Energy-efficient scroll compressors—ZJ models have four independent cooling stages for exceptional cooling comfort and control.
- All model sizes share a common compact cabinet in a single footprint for on-site flexibility.
- Installation time and costs are reduced by easy power and control wiring. All units are factory-wired, piped, charged and tested prior to shipment. Factory-installed options further reduce installation costs.
- Gas and electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required and no accessory panel is necessary.
- Wide range of indoor airflows achieved with belt-drive blowers.
- Durable finish made of powder-painted, galvanized steel meets 1000-hour salt-spray test demands.
- Full-perimeter base rails are permanently attached to provide a solid unit foundation.
- Compressor is internally protected against high pressure and temperature.
- Grooved copper tubes and enhanced aluminum-fin construction improve heat transfer.
- Heat exchangers use corrosion-resistant, aluminized steel tubular construction for durability and long service life.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Complete line of field-installed accessories, including propane and high-altitude conversion kits, stainless steel heat exchangers, motorized dampers, economizers, single- and dual-enthalpy sensors, powered convenience outlet and disconnect switch.
- Environmentally friendly R-410A refrigerant.
- Variable air volume option with factory or field-installed VFD.



**Nominal Capacities****ZJ** 180 to 300 MBH**Efficiency Ratings****ZJ** 10.5–12.4 EER**Limited Warranties**
(Heat Exchanger/
Compressor/Other Parts)**ZJ** 10 Years/5 Years/1 Year¹¹ 5-year electric strip heater.

PACKAGED COOLING AND HEATING UNITS



Sunline™ MAGNUM™ Rooftop Packaged Units (ZJ) 15 to 25 Tons

VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (ZJ)

| Model | AHRI Ratings (net) | | | Heating Capacity | | | | 1" or 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------------|---------|------|------------------------------|-------------------------------|---------------------|-------|-------------------------------|-------------------------------------|----|-----------|-------------------------------------|
| | MBH | (EER) | IEER | MBH Input | MBH Output | % AFUE | % SSE | | H | W | D | |
| Sunline™ MAGNUM™ Gas/Electric Rooftop Packaged Units (ZJ) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | |
| ZJ180N24 | 172 | (12.20) | 12.3 | 300 | 240 | — | 80.0 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2609 |
| ZJ180N32 | 172 | (12.20) | 12.3 | 400 | 320 | — | 80.0 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2609 |
| ZJ210N24 | 202 | (12.10) | 13.0 | 300 | 240 | — | 80.0 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2665 |
| ZJ210N32 | 202 | (12.10) | 13.0 | 400 | 320 | — | 80.0 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2665 |
| ZJ240N24 | 240 | (11.00) | 12.0 | 300 | 240 | — | 80.0 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2697 |
| ZJ240N32 | 240 | (11.00) | 12.0 | 400 | 320 | — | 80.0 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2697 |
| ZJ300N24 | 280 | (10.50) | 10.6 | 300 | 240 | — | 80.0 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2783 |
| ZJ300N32 | 280 | (10.50) | 10.6 | 400 | 320 | — | 80.0 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2783 |
| | | | | | | | | | | | | |
| Model | AHRI Ratings (net) | | | Electric Heat Available (kW) | 1" or 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) | | | |
| | MBH | (EER) | IEER | | | H | W | D | | | | |
| Sunline™ MAGNUM™ Electric/Electric Rooftop Packaged Units (ZJ) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | |
| ZJ180C00 | 172 | (12.20) | 12.3 | — | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2609 | | | |
| ZJ180E18 | 172 | (12.20) | 12.3 | 18 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2634 | | | |
| ZJ180E36 | 172 | (12.20) | 12.3 | 36 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2639 | | | |
| ZJ180E54 | 172 | (12.20) | 12.3 | 54 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2644 | | | |
| ZJ180E72 | 172 | (12.20) | 12.3 | 72 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2649 | | | |
| ZJ210C00 | 202 | (12.10) | 13.0 | — | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2665 | | | |
| ZJ210E18 | 202 | (12.10) | 13.0 | 18 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2690 | | | |
| ZJ210E36 | 202 | (12.10) | 13.0 | 36 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2695 | | | |
| ZJ210E54 | 202 | (12.10) | 13.0 | 54 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2700 | | | |
| ZJ210E72 | 202 | (12.10) | 13.0 | 72 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2705 | | | |
| ZJ240C00 | 240 | (11.00) | 12.0 | — | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2697 | | | |
| ZJ240E18 | 240 | (11.00) | 12.0 | 18 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2722 | | | |
| ZJ240E36 | 240 | (11.00) | 12.0 | 36 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2727 | | | |
| ZJ240E54 | 240 | (11.00) | 12.0 | 54 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2732 | | | |
| ZJ240E72 | 240 | (11.00) | 12.0 | 72 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2737 | | | |
| ZJ300C00 | 280 | (10.50) | 10.6 | — | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2783 | | | |
| ZJ300E18 | 280 | (10.50) | 10.6 | 18 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2808 | | | |
| ZJ300E36 | 280 | (10.50) | 10.6 | 36 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2813 | | | |
| ZJ300E54 | 280 | (10.50) | 10.6 | 54 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2818 | | | |
| ZJ300E72 | 280 | (10.50) | 10.6 | 72 | (12) 12 x 24 | 52-5/8 | 92 | 180-19/32 | 2823 | | | |

PACKAGED COOLING AND HEATING UNITS

Sunline™ MagnaDRY™ Rooftop Packaged Units

(ZR) 15 to 25 Tons

York® Sunline™ MagnaDRY™ “Hot Gas Reheat” units are convertible packaged high-efficiency rooftops. Designed to remove moisture without overcooling the space and provide proper cooling or heating capacity when needed. All models have independent dual refrigerant circuits for efficient part load operation. Although the units are primarily designed for curb mounting on a roof, they can also be slab-mounted at ground level or set on steel beams above a finished roof.

Special Benefits

- MagnaDRY™ is designed to provide excellent humidity and temperature control throughout a wide range of outdoor temperatures. Provides cooling and humidity control when needed.
- Hot Gas Reheat coil.
- Simplicity® control board.
- Scroll compressors.
- Installation time and costs are reduced by easy power and control wiring.
- All units are factory-wired, piped, charged and tested prior to shipment.
- Factory-installed options such as stainless steel heat exchanger, electric heating elements, supply and return air smoke detectors, disconnect switch, powered or non-powered GFI convenience outlet, single enthalpy economizer, power exhaust, high static drive blower motor, phase monitor, coil guard, dirty filter switch, hinged filter door and tool-free access panels further reduce installation costs.
- BAS factory-mounted controls include Novar®, Honeywell®, Johnson® and CPC.
- Gas and electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required.
- Wide range of indoor airflows achieved with belt-drive blowers.
- Durable finish made of powder-painted, galvanized steel meets 1,000-hour salt-spray test demands.
- Full-perimeter base rails are permanently attached to provide a solid unit foundation and forklift access.
- Compressor is internally protected against high pressure and temperature.
- Grooved copper tubes and enhanced aluminum-fin construction improve heat transfer.
- Heat exchangers are corrosion-resistant, with aluminized steel tubular construction for durability and long service life.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Complete line of field-installed accessories, including propane and high-altitude conversion kits, smoke detectors, CO₂ sensors, motorized dampers, single-enthalpy economizers and dual-enthalpy sensors are available.
- Environmentally friendly R-410A refrigerant.



Nominal Capacities

ZR 180 to 300 MBH

Efficiency Ratings

ZR* 10.0–12.4 EER



*ZR300 is not Energy Star Compliant.

Limited Warranties (Heat Exchanger/ Compressor/Other Parts)

ZR 10 Years/5 Years/1 Year¹

1. 5-year electric strip heater.




PACKAGED COOLING AND HEATING UNITS



Sunline™ MagnaDRY™ Rooftop Packaged Units

(ZR) 15 to 25 Tons

VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (ZR)

| Model | AHRI Ratings (net) | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) | | |
|---|--------------------|---------|------|------------------------------------|------------------------------------|---------------------------|---------------------|-------------------------------|-------------------------------------|-------------------------------------|-----------|-------------------------------------|
| | MBH | (EER) | IEER | | | | H | W | D | | | |
| Sunline™ MagnaDRY™ Rooftop Packaged Units (ZR) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | |
| ZR180C00 | 180 | (11.20) | 12.4 | 40-3/8 x 18-5/8 | 40-3/8 x 27-3/4 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 180-19/32 | 2360 | | |
| ZR240C00 | 236 | (12.10) | 12.9 | 40-3/8 x 18-5/8 | 40-3/8 x 27-3/4 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 180-19/32 | 2660 | | |
| ZR300C00 | 288 | (10.00) | 10.5 | 40-3/8 x 18-5/8 | 40-3/8 x 27-3/4 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 180-19/32 | 2760 | | |
| Model | AHRI Ratings (net) | | | Heating Capacity | | | | 1" or 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
| | MBH | (EER) | IEER | MBH Input | MBH Output | % AFUE | % SSE | | H | W | D | |
| Sunline™ MagnaDRY™ Gas/Electric Rooftop Packaged Units (ZR) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | |
| ZR180N24 | 180 | (11.60) | 12.4 | 300 | 240 | — | 80.0 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 180-19/32 | 2360 |
| ZR180N32 | 180 | (11.60) | 12.4 | 400 | 320 | — | 80.0 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 180-19/32 | 2360 |
| ZR240N24 | 236 | (12.10) | 12.9 | 300 | 240 | — | 80.0 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 180-19/32 | 2660 |
| ZR240N32 | 236 | (12.10) | 12.9 | 400 | 320 | — | 80.0 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 180-19/32 | 2660 |
| ZR300N24 | 288 | (10.00) | 10.5 | 300 | 240 | — | 80.0 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 180-19/32 | 2760 |
| ZR300N32 | 288 | (10.00) | 10.5 | 400 | 320 | — | 80.0 | (4) 16 x 25 / (4) 16 x 20 | 52-5/8 | 92 | 180-19/32 | 2760 |
| Model | AHRI Ratings (net) | | | Electric Heat Available (kW) | 1" or 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) | | | |
| | MBH | (EER) | IEER | | | H | W | D | | | | |
| Sunline™ MagnaDRY™ Electric/Electric Rooftop Packaged Units (ZR) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | |
| ZR180E18 | 180 | (11.20) | 12.4 | 18 | (4) 16 x 25 / (4) 16 x 20 | | | 52-5/8 | 92 | 180-19/32 | 2360 | |
| ZR180E36 | 180 | (11.20) | 12.4 | 36 | (4) 16 x 25 / (4) 16 x 20 | | | 52-5/8 | 92 | 180-19/32 | 2360 | |
| ZR180E54 | 180 | (11.20) | 12.4 | 54 | (4) 16 x 25 / (4) 16 x 20 | | | 52-5/8 | 92 | 180-19/32 | 2360 | |
| ZR180E72 | 180 | (11.20) | 12.4 | 72 | (4) 16 x 25 / (4) 16 x 20 | | | 52-5/8 | 92 | 180-19/32 | 2360 | |
| ZR240E18 | 236 | (12.10) | 12.9 | 18 | (4) 16 x 25 / (4) 16 x 20 | | | 52-5/8 | 92 | 180-19/32 | 2660 | |
| ZR240E36 | 236 | (12.10) | 12.9 | 36 | (4) 16 x 25 / (4) 16 x 20 | | | 52-5/8 | 92 | 180-19/32 | 2660 | |
| ZR240E54 | 236 | (12.10) | 12.9 | 54 | (4) 16 x 25 / (4) 16 x 20 | | | 52-5/8 | 92 | 180-19/32 | 2660 | |
| ZR240E72 | 236 | (12.10) | 12.9 | 72 | (4) 16 x 25 / (4) 16 x 20 | | | 52-5/8 | 92 | 180-19/32 | 2660 | |
| ZR300E18 | 288 | (10.00) | 10.5 | 18 | (4) 16 x 25 / (4) 16 x 20 | | | 52-5/8 | 92 | 180-19/32 | 2760 | |
| ZR300E36 | 288 | (10.00) | 10.5 | 36 | (4) 16 x 25 / (4) 16 x 20 | | | 52-5/8 | 92 | 180-19/32 | 2760 | |
| ZR300E54 | 288 | (10.00) | 10.5 | 54 | (4) 16 x 25 / (4) 16 x 20 | | | 52-5/8 | 92 | 180-19/32 | 2760 | |
| ZR300E72 | 288 | (10.00) | 10.5 | 72 | (4) 16 x 25 / (4) 16 x 20 | | | 52-5/8 | 92 | 180-19/32 | 2760 | |

PACKAGED COOLING AND HEATING UNITS

Millennium™ Large Commercial Rooftop Units**(Z) 25 to 40 Tons**

York® Millennium™ Rooftops offer the flexibility to meet the requirements of a wide range of installations. They're built to last and priced to compete. Numerous options can be added to the base unit to satisfy almost any specifications—from simple to complex. Units are offered in the following combinations:

- Cooling/Gas Heating (Natural Gas or Propane)
- Cooling Only
- Cooling/Hot Water Heat
- Cooling/Electric Heat
- Cooling/Steam Heat

In addition, these units are designed with the flexibility to support the industry's best practices for indoor air quality. All these features are available on 25-, 30- and 40-ton single-package units that are easy to install, use and maintain.

Factory-installed options, such as economizers, power exhaust, high-efficiency motors or filtration, barometric damper relief, 0°F low-ambient, high-capacity evaporator coils and single-unit disconnect add to the versatility of these self-contained rooftops.

Special Benefits

- Double-wall construction with galvanized sheet metal liner protects against microbial growth, and a rigid sheet metal inner liner keeps insulation out of the airstream.
- Sloped drain pan protects against pan corrosion and bacterial growth.
- Pitched roof design allows natural drainage.
- Scroll compressors for efficiency and durability—four independent cooling stages for excellent cooling comfort and efficiency.
- Multiple refrigeration circuits for greater turndown and the best unloading capabilities in the industry.
- Extended flue connection on gas units eliminates the possibility of corrosion in the furnace heat exchanger.
- Variable air volume by variable frequency drive.
- Full range of airflows and static pressures meets most application requirements.
- Filter selections from standard 2" up to optional 6" – 95% MERV 14 to meet current LEED points rating.
- Single power point connection for gas and electric.
- Rain hoods rotate into place—an easy one-person job.
- Easy service access with hinged and latched doors on both sides of the unit.
- Durable finish made of powder-painted, galvanized steel meets 1,000-hour salt-spray demands.
- Optional VFD head pressure control where mechanical cooling is required below 40°F; allows compressor operation down to 0°F.
- Environmentally friendly R-410A refrigerant.
- Optional modulating gas heat (CV units only).
- Optional stainless steel gas heat exchangers provide extended heating section life.
- Standard Simplicity® Elite control system provides unitary BAS capabilities such as monitoring, scheduling, and local and remote set point adjustment. Offers the open communication protocol of modBUS and BACNET MSTP.
- Complete line of factory-installed accessories, including economizers, electric heat, power exhaust, a variety of blower horsepower ratings, 115V convenience outlets and more.

**Nominal Capacities****Z** 310 to 502 MBH**Efficiency Ratings****Z** 10.0–10.5 EER**Limited Warranties****(Heat Exchanger/
Compressor/Other Parts)****Z** 10 Years/1 Year/1 Year¹

1. 5-year electric strip heater.

Simplicity® Elite Controls

Simplicity® Elite controls give you powerful capabilities without complexity. The controls continuously inform you on the health of the HVAC system. Pinpoint small faults before they become big problems. Cut nuisance service calls. Remotely contact up to six people of potential problems. Simply put, Simplicity® Elite controls are your first defense and your key to fast, effective predictive maintenance.

- Single-button programming
- Single or multiple zones for constant- or variable-air volume
- Occupancy schedule allowing two different schedules per day, for each of the seven days of the week
- 20 holiday schedules with programmable start times (not just midnight) and length (up to 99 days)
- Energy-saving economizer operation with the flexibility of using dry bulb, outside enthalpy and differential enthalpy
- Inside demand ventilation using one CO₂ sensor
- IAQ operation with programmable maximum outside air damper position
- Space temperature alarm when temperatures exceed setpoints by a programmable limit
- Smoke purge automatically ventilates space when smoke is detected
- Switch monitors to detect dirty filters or faulty fans
- Anti-short cycle delay of five minutes to prevent energy-wasting short cycling
- Gas monitor for safe heat operation

PACKAGED COOLING AND HEATING UNITS



Millennium™ Large Commercial Rooftop Units

(Z) 25 to 40 Tons

VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (Z)

| Model | AHRI Ratings (gross) | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) | | | |
|---|----------------------|---------|------------------------------------|------------------------------------|---------------------------|------------------------------------|------------------------------------|---------------------------|-------------------------------------|----|-----|-------------------------------------|
| | MBH | (EER) | | | | H | W | D | | | | |
| Millennium™ Electric/Electric Large Commercial Rooftop Units (Z) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | |
| Z32E4 | 310 | (10.50) | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 20 x 25 | 64 | 92 | 240 | 4450 | | | |
| Z32E8 | 310 | (10.50) | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 20 x 25 | 64 | 92 | 240 | 4515 | | | |
| Z32E1 | 310 | (10.50) | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 20 x 25 | 64 | 92 | 240 | 4520 | | | |
| Z33E4 | 390 | (10.10) | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 20 x 25 | 64 | 92 | 240 | 4605 | | | |
| Z33E8 | 390 | (10.10) | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 20 x 25 | 64 | 92 | 240 | 4670 | | | |
| Z33E1 | 390 | (10.10) | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 20 x 25 | 64 | 92 | 240 | 4675 | | | |
| Z34E4 | 502 | (10.10) | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 20 x 25 | 64 | 92 | 255 | 4885 | | | |
| Z34E8 | 502 | (10.10) | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 20 x 25 | 64 | 92 | 255 | 4950 | | | |
| Z34E1 | 502 | (10.10) | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 20 x 25 | 64 | 92 | 255 | 4955 | | | |
| | | | | | | | | | | | | |
| Model | AHRI Ratings (gross) | | Heating Performance | | | Bottom Supply Air Opening (inches) | Bottom Return Air Opening (inches) | 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
| | MBH | (EER) | MBH Input | MBH Output | % AFUE | | | | H | W | D | |
| Millennium™ Gas/Electric Large Commercial Rooftop Units (Z) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | |
| Z32N3 | 310 | (10.00) | 267 | 213 | 80.0 | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 25 x 20 | 64 | 92 | 240 | 4590 |
| Z32N5 | 310 | (10.00) | 533 | 426 | 80.0 | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 25 x 20 | 64 | 92 | 240 | 4730 |
| Z33N3 | 390 | (10.00) | 267 | 213 | 80.0 | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 25 x 20 | 64 | 92 | 240 | 4745 |
| Z33N5 | 390 | (10.00) | 533 | 426 | 80.0 | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 25 x 20 | 64 | 92 | 240 | 4885 |
| Z34N3 | 502 | (10.00) | 267 | 213 | 80.0 | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 25 x 20 | 64 | 92 | 255 | 5025 |
| Z34N5 | 502 | (10.00) | 533 | 426 | 80.0 | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 25 x 20 | 64 | 92 | 255 | 5165 |
| Z34N8 | 502 | (10.00) | 800 | 638 | 80.0 | 71-5/8 x 26 | 83 x 38-9/16 | (4) 16 x 25 / (6) 25 x 20 | 64 | 92 | 255 | 5295 |

* Generation indicator. NOTE: Electric heat, steam and hot water coils also available.

PACKAGED COOLING AND HEATING UNITS

ECO2® Packaged Rooftop Units**(YPAL) 50 to 65 Tons**

York® ECO2® Rooftops offer the flexibility to meet the requirements of a wide range of installations. They're built to last and priced to compete. Numerous options can be added to the base unit to satisfy almost any specifications—from simple to complex. Units are offered in the following combinations: Cooling Only or Cooling/Gas Heating (Natural Gas or Propane). In addition, these units are designed with the flexibility to support the industry's best practices for indoor air quality. All these features are available on the 50, 55, 60 and 65-ton single-package units that are easy to install, use and maintain. Factory-installed options, such as economizers, power exhaust and return blowers, high static airfoil blower, high-efficiency motors and filtration, barometric damper relief, 0°F low-ambient operation and single point electrical with disconnect, or dual point, add to the versatility of these self-contained rooftop units.

Special Benefits

- Environmentally friendly R-410A refrigerant.
- Standard bottom-bottom flow configuration, with horizontal flow available for on grade installations.
- Double-wall and roof construction with galvanized sheet metal liner to protect against microbial growth.
- Rigid sheet metal inner liner to keep insulation fibers out of the airstream.
- Sloped evaporator coil drain pans protects against corrosion and bacterial growth.
- Pitched roof design for natural drainage.
- Four scroll compressors for efficiency and durability. Tandem compressor design, with fully interlaced indoor coil circuits, provides wider capacity turndown and unloading capabilities.
- Extended flue connection on gas heating units to eliminate the possibility of corrosion in the furnace heat exchanger.
- Constant air volume or Variable air volume by variable frequency drive (VFD).
- Full range of airflows and static pressures meets most application requirements.
- Filter selections from standard 2" up to optional 12" —95% MERV 14 to meet current LEED points rating.
- Single or dual power electrical point connections.
- Simple unit controls that are easy to understand, apply and update.
- Rain hoods easily fold into place—a one-person job.
- Easy service access with hinged and latched doors on both sides of the unit.
- Durable finish, made of powder-coated paint on galvanized steel meets the ASTM B-117 1000-hour salt-spray test demands.
- Optional VFD head pressure control where mechanical cooling is required below 40°F; allows compressor operation down to 0°F.
- Premium efficiency motors offered to meet tighter energy codes.
- Optional stainless steel gas heat exchangers provide extended heating section life.
- Standard or replaceable core refrigerant side filter driers.
- Complete line of factory-installed accessories, including economizers, electric heat, power exhaust, a variety of blower horsepower ratings, full compressor isolation valves, 115V convenience outlets and more.
- Standard Simplicity® Elite™ control system provides unitary BAS capabilities such as monitoring, scheduling, local and remote set point adjustment. Offers the open communication protocol of ModBUS and BACNET MSTP.

**Nominal Capacities****YPAL** 375 to 1125 MBH**Efficiency Ratings****YPAL** 9.8–10.3 EER**Limited Warranties****(Heat Exchanger/
Compressor/Other Parts)****YPAL** 5 Years/18 Months/
18 Months

PACKAGED COOLING AND HEATING UNITS



EC02® Packaged Rooftop Units

(YPAL) 50 to 65 Tons

VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (YPAL)

| | AHRI Ratings (gross) | | | Heating Capacity | | | Supply & Return Air Opening (inches) | | Filter Size (inches) | Dimensions | | | Approximate Operating Weight (lbs.) |
|---|----------------------|------|---------|------------------|---------------|----------|---|--------------------------|---|------------|----|-------|---|
| Model | MBH | SEER | (EER) | MBH Input | MBH Output | % SSE | Side | Bottom | | H | W | D | |
| EC02® Cooling/Gas Packaged Rooftop Units (YPAL) | | | | | | | | | | | | | |
| YPAL050 | 649 | — | (10.30) | 375, 750, 1125 | 300, 600, 900 | 80% | 39 x 71 / 49-1/2 x 38 | 39 x 69 / 62 x 80 | (1) 16 x 25 (9) 20 x 25 (4) 16 x 20 | 82 | 92 | 339 | 8650 |
| YPAL051 | 681 | — | (10.20) | 375, 750, 1125 | 300, 600, 900 | 80% | 39 x 71 / 49-1/2 x 38 | 39 x 69 / 62 x 80 | (1) 16 x 25 (9) 20 x 25 (4) 16 x 20 | 82 | 92 | 339 | 8650 |
| YPAL060 | 793 | — | (10.10) | 375, 750, 1125 | 300, 600, 900 | 80% | 39 x 71 / 49-1/2 x 38 | 39 x 69 / 62 x 80 | (1) 16 x 25 (9) 20 x 25 (4) 16 x 20 | 82 | 92 | 339 | 8941 |
| YPAL061 | 806 | — | (10.10) | 375, 750, 1125 | 300, 600, 900 | 80% | 39 x 71 / 49-1/2 x 38 | 39 x 69 / 62 x 80 | (1) 16 x 25 (9) 20 x 25 (4) 16 x 20 | 82 | 92 | 339 | 8960 |
| YPAL050EXT. | | | | Hot Water/Steam | | | 30 x 71/ 49-1/2 x 38 | 31 x 80-1/2 / 62 x 80 | (1) 16 x 25 (9) 20 x 25 (4) 16 x 20 | 82 | 92 | 385.8 | 9493 |
| YPAL051EXT. | | | | Hot Water/Steam | | | 30 x 71/ 49-1/2 x 38 | 31 x 80-1/2 / 62 x 80 | (1) 16 x 25 (9) 20 x 25 (4) 16 x 20 | 82 | 92 | 385.8 | 9493 |
| YPAL060EXT. | | | | Hot Water/Steam | | | 30 x 71/ 49-1/2 x 38 | 31 x 80-1/2 / 62 x 80 | (1) 16 x 25 (9) 20 x 25 (4) 16 x 20 | 82 | 92 | 385.8 | 9784 |
| YPAL061EXT. | | | | Hot Water/Steam | | | 30 x 71/ 49-1/2 x 38 | 31 x 80-1/2 / 62 x 80 | (1) 16 x 25 (9) 20 x 25 (4) 16 x 20 | 82 | 92 | 385.8 | 9803 |

NOTE: The extended cabinet option above allows for hot water and steam heat capabilities only. Electric heat is also an option on standard length cabinets only.

PACKAGED HEAT PUMPS

Latitude™ Packaged Heat Pumps

(UQ) 2 to 5 Tons

York® Latitude™ Series packaged heat pump units are designed for outdoor installation that saves indoor living space. Designed to deliver maximum cooling while using minimum amounts of energy, the compact design allows for easy installation and reduces shipping damage. Complete with 4-way forkable, full perimeter base rails, these units provide easy access for a forklift while providing a raised base to prevent moisture buildup.

Special Benefits

- Three footprints to optimize performance and keep these units compact and easy to install.
- Pre-painted galvanized steel protects against corrosion and resists fading.
- Internally protected compressor to protect against high pressure and high temperature.
- Factory-installed liquid line filter drier to keep the refrigerant system moisture free.
- Operates over a wide range of design conditions with a constant torque fan motor and 5 speed taps to provide greater on site flexibility to match comfort requirements.
- Complete line of field-installed accessories including electric resistance strip heaters, hard start kits, thermostats and more.
- Grooved copper tubes and enhanced aluminum fin construction improves heat transfer for maximum efficiency and durability.
- Long life, permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance, adding greater reliability to the unit.
- Environmentally friendly R-410A refrigerant.



Nominal Capacities

UQ 24 to 60 MBH

Efficiency Ratings

UQ 13 SEER

Limited Warranties (Compressor/Electric Heat/ Other Parts)

UQ 10 Years/5 Years/10 Years
Single-Phase
5 Years/5 Years/1 Year
Three-Phase

PACKAGED HEAT PUMPS



Latitude™ Packaged Heat Pumps
(UQ) 2 to 5 Tons

VOLTAGE: 208/230-1-60 (2 to 5 tons); 208/230-3-60 (3, 4 & 5 tons); 460-3-60 (4 to 5 tons) (UQ)

| Model | AHRI Ratings (net) | | | | Heating Performance Nominal Electric Heat Capacity (kW) | Side Supply Air Opening (inches) | Side Return Air Opening (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------------|-------|---------|------|---|---|---|---------------------|----------|---------|---|
| | MBH | SEER | (EER) | HSPF | | | | H | W | D | |
| Latitude™ Packaged Heat Pumps (UQ) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | |
| UQ024C00 | 23.4 | 13.00 | (11.00) | 7.7 | 5, 10, 15 | 12" Dia. | 12" Dia. | 30-15/16 | 32-13/16 | 47-1/4 | 325 |
| UQ030C00 | 30.2 | 13.00 | (11.40) | 7.7 | 5, 10, 15 | 12" Dia. | 12" Dia. | 30-15/16 | 32-13/16 | 47-1/4 | 340 |
| UQ036C00 | 35.4 | 13.00 | (11.00) | 7.7 | 5, 10, 15 | 12" Dia. | 12" Dia. | 30-15/16 | 32-13/16 | 47-1/4 | 340 |
| UQ042C00 | 40.2 | 13.00 | (10.80) | 7.7 | 5, 10, 15 | 14" Dia. | 14" Dia. | 34-15/16 | 32-13/16 | 57-9/16 | 372 |
| UQ048C00 | 46.5 | 13.00 | (11.20) | 7.7 | 5, 10, 15 | 14" Dia. | 14" Dia. | 34-15/16 | 32-13/16 | 57-9/16 | 382 |
| UQ060C00 | 54.5 | 13.00 | (11.00) | 7.7 | 5, 10, 15 | 14" Dia. | 14" Dia. | 34-15/16 | 32-13/16 | 57-9/16 | 390 |

PACKAGED DUAL FUEL HEAT PUMPS

Affinity™ Series Packaged Dual Fuel Heat Pumps**(DHQ) 2 to 5 Tons**

York® Affinity™ Series packaged dual fuel heat pumps are designed for outdoor installation that saves indoor living space.

Nominal airflow is provided by variable-speed, direct-drive, high-static motors. To make installation and maintenance easier, they offer field-convertible side or bottom airflow, removable base rails and bottom electrical connections.

All models have the same footprint, so curbs can be placed and then the proper tonnage unit can be installed after the internal load has been determined. The compact dimensions allow any model to fit between the wheel wells of a full-size pickup truck for transport. Affinity™ dual fuel units are offered in single-phase configuration of 208/230 voltages.

Special Benefits

- All model sizes share a common compact cabinet in a single footprint for on-site flexibility.
- Installation time and costs are reduced by easy power and control wiring. All units are factory-wired, charged with R-410A and tested prior to shipment.
- Electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required and no accessory panel is necessary.
- Condensate pan is non-corrosive, long-lasting and watertight.
- Condensate drain is heavy-duty. A one-inch NPT copper connection is rigidly mounted for proper fit and a tight seal.
- Durable finish made of powder-painted, galvanized steel meets 500-hour salt-spray test demands.
- Full-perimeter base rails are easily removable, yet provide a solid unit foundation.
- Top discharge allows warm air to be blown up away from the structure and landscaping.
- Multi-pieces totally enclosed for maximum protection.
- Units are engineered and built to be among the quietest models.
- Compressor is internally protected against high pressure and temperature.
- Grooved copper tubes and enhanced aluminum fin construction improve heat transfer.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Secured service access ports are protected, externally mounted and reusable on both high and low lines.
- Easy service access via a large single panel covering the electrical and gas controls.
- Environmentally friendly R-410A refrigerant.
- Painted, louvered coil guards standard on DHQ024-060.
- Durable, proven YorkGuard VI control system.
- York corner post available as factory installed option.

**Nominal Capacities****DHQ** 24 to 60 MBH**Efficiency Ratings****DHQ** 14 SEER**Limited Warranties
(Compressor/Other Parts)****DHQ** 10 Years/10 Years***(Heat Exchanger)****DHQ** 20 Years

* For 10-year limited parts warranty, system must be registered online within 90 days of installation. Otherwise the parts warranty reverts to a 5-year limited parts warranty.


PACKAGED DUAL FUEL HEAT PUMPS



Affinity™ Series Packaged Dual Fuel Heat Pumps

(DHQ) 2 to 5 Tons

(York® corner post option included as shown.)

| Model | AHRI Ratings (net) | | | | Heating Capacity | | | Bottom Supply Opening (Inches) | Bottom Return Opening (Inches) | Dimensions (inches) | | | Filter Size (inches) | Approximate Operating Weight (lbs.) |
|--|------------------------------|------|-------|------|------------------|---------------|------|--------------------------------------|--------------------------------------|---|--------|--------|----------------------------|---|
| | Cooling Capacity (MBH) | SEER | (EER) | HSPF | MBH Input | MBH Output | SSE% | | | H | W | D | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Affinity™ Packaged Dual Fuel Heat Pumps 14 SEER (DHQ) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | |  | | | | |
| D*HQ024D056 | 22.8 | 14.0 | 11.0 | 8.0 | 70 | 56 | 80 | 14-1/2 x 14-1/2 | 15 x 15 | 33-1/2 | 47-1/4 | 49-1/8 | (1) 20 x 20 x 1 | 413 |
| D*HQ030D056 | 29.0 | 14.0 | 11.0 | 8.0 | 70 | 56 | 80 | 14-1/2 x 14-1/2 | 15 x 15 | 33-1/2 | 47-1/4 | 49-1/8 | (1) 20 x 20 x 1 | 426 |
| D*HQ036D056 | 34.6 | 14.0 | 11.0 | 8.0 | 70 | 56 | 80 | 14-1/2 x 14-1/2 | 15 x 15 | 33-1/2 | 47-1/4 | 49-1/8 | (1) 20 x 20 x 1 | 433 |
| D*HQ036D072 | 34.6 | 14.0 | 11.0 | 8.0 | 90 | 72 | 80 | 14-1/2 x 14-1/2 | 15 x 15 | 33-1/2 | 47-1/4 | 49-1/8 | (1) 20 x 20 x 1 | 433 |
| D*HQ042D090 | 41.0 | 14.0 | 11.0 | 8.0 | 108 | 87 | 80 | 14-1/2 x 14-1/2 | 15 x 15 | 41-1/2 | 47-1/4 | 49-1/8 | (2) 20 x 12 x 1 | 514 |
| D*HQ048D090 | 45.5 | 14.0 | 11.0 | 8.0 | 108 | 87 | 80 | 14-1/2 x 14-1/2 | 15 x 15 | 41-1/2 | 47-1/4 | 49-1/8 | (2) 20 x 12 x 1 | 540 |
| D*HQ048D110 | 45.5 | 14.0 | 11.0 | 8.0 | 135 | 108 | 80 | 14-1/2 x 14-1/2 | 15 x 15 | 41-1/2 | 47-1/4 | 49-1/8 | (2) 20 x 12 x 1 | 540 |
| D*HQ060D090 | 52.5 | 14.0 | 11.0 | 8.0 | 108 | 87 | 80 | 14-1/2 x 14-1/2 | 15 x 15 | 41-1/2 | 47-1/4 | 49-1/8 | (2) 20 x 12 x 1 | 549 |
| D*HQ060D110 | 52.5 | 14.0 | 11.0 | 8.0 | 135 | 108 | 80 | 14-1/2 x 14-1/2 | 15 x 15 | 41-1/2 | 47-1/4 | 49-1/8 | (2) 20 x 12 x 1 | 549 |

* Generation indicator.

PACKAGED HEAT PUMPS

Affinity™ Series Packaged Heat Pumps

(BHX, BHQ, BHZ) 2 to 5 Tons

York® Affinity™ Series packaged heat pumps are designed for outdoor installation that saves indoor living space.

Nominal airflow is provided by three-speed, direct-drive, high-static motors. To make installation and maintenance easier, they offer field-convertible side or bottom airflow, removable base rails and bottom electrical connections.

All models have the same footprint, so curbs can be placed and then the proper tonnage unit can be installed after the internal load has been determined. The compact dimensions allow any model to fit between the wheel wells of a full-size pickup truck for transport. Affinity™ units are also offered in three-phase configurations with 208/230, 460 and 575 voltages.

Special Benefits

- All model sizes share a common compact cabinet in a single footprint for on-site flexibility.
- Installation time and costs are reduced by easy power and control wiring. All units are factory-wired, charged with R-410A and tested prior to shipment.
- Electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required and no accessory panel is necessary.
- Condensate pan is non-corrosive, long-lasting and watertight.
- Condensate drain is heavy-duty. A one-inch NPT copper connection is rigidly mounted for proper fit and a tight seal.
- Durable finish made of powder-painted, galvanized steel meets 500-hour salt-spray test demands.
- Full-perimeter base rails are easily removable, yet provide a solid unit foundation.
- Top discharge allows warm air to be blown up away from the structure and landscaping.
- Multi-pieces totally enclosed for maximum protection.
- Units are engineered and built to be among the quietest models.
- Compressor is internally protected against high pressure and temperature.
- Grooved copper tubes and enhanced aluminum fin construction improve heat transfer.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Secured service access ports are protected, externally mounted and reusable on both high and low lines.
- Easy service access via a large single panel covering the electrical and gas controls.
- Environmentally friendly R-410A refrigerant.
- Painted, louvered coil guards standard on BHQ, BHX. (Excluded on BHZ, BHQ060, BHX048, 060).
- York corner post available as factory installed option.



Nominal Capacities

| | |
|------------|--------------|
| BHX | 24 to 60 MBH |
| BHQ | 24 to 60 MBH |
| BHZ | 24 to 60 MBH |

Efficiency Ratings

| | |
|------------|---------|
| BHZ | 13 SEER |
|------------|---------|

| | |
|------------|-----------|
| BHX | 14.5 SEER |
| BHQ | 14 SEER |



Limited Warranties (Compressor/Other Parts)

| | |
|------------|--------------------|
| BHX | 10 Years/10 Years* |
| BHQ | 10 Years/10 Years* |
| BHZ | 10 Years/10 Years* |

Three-Phase Models

| | |
|------------|----------------|
| BHX | 5 Years/1 Year |
| BHQ | 5 Years/1 Year |
| BHZ | 5 Years/1 Year |

* For 10-year limited parts warranty, system must be registered online within 90 days of installation. Otherwise the parts warranty reverts to a 5-year limited parts warranty.

PACKAGED HEAT PUMPS





Affinity™ Series Packaged Heat Pumps

(BHX, BHQ, BHZ) 2 to 5 Tons

(York® corner post option included as shown.)

VOLTAGE: (2 to 5 tons) 208/230-1-60; (2-1/2 tons) 208/230-3-60, 460-3-60; (3 to 5 tons) 208/230-3-60, 460-3-60, 575-3-60 (BHX, BHQ, BHZ)

| Model | AHRI Ratings (net) | | | | Heating Performance Nominal Electric Heat Capacity (kW) | | Dimensions (inches) | | | Supply & Return Air Opening (inches) | | Filter Size (inches) | Approximate Operating Weight (lbs.) |
|---|------------------------------|-------|------------------------------|------|--|----------------|---------------------|--------|--------|---|---------|----------------------------|---|
| | Cooling Capacity (MBH) | SEER | Heating Capacity (MBH) | HSPF | Single-Phase | Three-Phase | H | W | D | Side | Bottom | | |
| Affinity™ Packaged Heat Pumps 14.5* SEER (BHX) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | | |
| B*HX024A | 24.4 | 16.00 | 19.8 | 8.0 | 3.8, 5, 7.5, 10 | — | 33-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 350 |
| B*HX036A | 34.4 | 15.00 | 33.0 | 8.0 | 3.8, 5, 7.5, 10, 15 | 5, 7.5, 10, 15 | 33-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 400 |
| B*HX048A | 47.0 | 15.00 | 45.0 | 8.0 | 7.5, 10, 15, 20, 25 | 10, 15, 20, 25 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 440 |
| B*HX060A | 57.0 | 14.25 | 55.0 | 8.0 | 7.5, 10, 15, 20, 25 | 10, 15, 20, 25 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 460 |
| Affinity™ Packaged Heat Pumps 14 SEER (BHQ) Meet or Exceed ASHRAE 90.1 Standards  | | | | | | | | | | | | | |
| B*HQ024 | 23.0 | 14.00 | 20.0 | 8.0 | 5, 7.5, 10 | — | 33-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 355 |
| B*HQ030 | 29.4 | 14.00 | 27.3 | 8.0 | 5, 7.5, 10, 15 | 10, 15 | 33-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 375 |
| B*HQ036 | 35.2 | 14.00 | 33.0 | 8.0 | 5, 7.5, 10, 15 | 10, 15 | 33-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 400 |
| B*HQ042 | 39.0 | 14.00 | 37.5 | 8.0 | 5, 10, 15 | 10, 15 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 420 |
| B*HQ048 | 46.5 | 14.00 | 46.0 | 8.0 | 10, 15, 20, 25 | 10, 15, 20, 25 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 440 |
| B*HQ060 | 54.0 | 14.00 | 53.0 | 8.0 | 10, 15, 20, 25 | 10, 15, 20, 25 | 41-1/2 | 47-1/4 | 49-1/8 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 490 |
| Affinity™ Packaged Heat Pumps 13 SEER (BHZ) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | | | |
| B*HZ024 | 22.8 | 13.00 | 22.2 | 7.7 | 5, 7.5, 10 | — | 33-1/2 | 49-1/8 | 47-1/4 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 350 |
| B*HZ030 | 29.2 | 13.00 | 27.8 | 7.7 | 5, 7.5, 10, 15 | 10, 15 | 33-1/2 | 49-1/8 | 47-1/4 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 350 |
| B*HZ036 | 33.6 | 13.00 | 32.8 | 7.7 | 5, 7.5, 10, 15 | 10, 15 | 33-1/2 | 49-1/8 | 47-1/4 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 385 |
| B*HZ042 | 40.5 | 13.00 | 40.0 | 7.7 | 10, 15 | 10, 15 | 41-1/2 | 49-1/8 | 47-1/4 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 435 |
| B*HZ048 | 46.0 | 13.00 | 42.0 | 7.7 | 10, 15, 20, 25 | 10, 15, 20, 25 | 41-1/2 | 49-1/8 | 47-1/4 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 480 |
| B*HZ060 | 56.0 | 13.00 | 56.0 | 7.7 | 10, 15, 20, 25 | 10, 15, 20, 25 | 41-1/2 | 49-1/8 | 47-1/4 | 14-1/2 x 14-1/2 | 15 x 15 | (2) 22 x 14 | 490 |

* Generation indicator.

PACKAGED HEAT PUMPS

Sunline™ Packaged Heat Pumps

(XP) 3 to 5 Tons

The York® Sunline™ Series heat pump commercial rooftop unit combines high-efficiency and advanced economizer controls with unprecedented installation flexibility and low installed costs. The new XP 036–060 has our Simplicity® control board standard.

Special Benefits

- Simplicity® control board.
- Installation time and costs are reduced by easy power and control wiring.
- All units are factory-wired, piped, charged and tested prior to shipment.
- Factory-installed options such as electric heating elements, single enthalpy economizer, high static drive blower motor, coil guard, dirty filter switch, hinged filter door and tool-less access panels further reduce installation costs.
- BAS factory-mounted controls include Simplicity® Intelli-Comfort™, Novar®, Honeywell, Johnson and CPC.
- Factory-mounted supply and return air smoke detectors.
- Electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required, and no accessory panel is necessary.
- Wide range of indoor airflows using belt-drive blowers.
- Durable finish made of powder-painted, galvanized steel to meet 1000-hour salt-spray test demands.
- Full-perimeter base rails are permanently attached to provide a solid unit foundation and forklift access.
- Compressor is internally protected against high pressure and temperature.
- Grooved copper tubes and enhanced aluminum-fin construction improve heat transfer.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Complete line of field-installed accessories, motorized dampers, single enthalpy economizers and dual enthalpy sensors are available.
- Environmentally friendly R-410A refrigerant.



Nominal Capacities

XP 36 to 60 MBH

Efficiency Ratings

XP 13 SEER

Limited Warranties (Compressor/Other Parts)

XP 5 Years/1 Year

VOLTAGE: 208/230-1-60, 208/230-3-60, 460-3-60, 575-3-60 (XP)

| Model | AHRI Ratings (net) | | | Heating Capacity | | | 1" or 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------------|-------|---------|------------------|---------------|---------------------------------|-------------------------------------|---------------------|--------|--------|---|
| | MBH | SEER | (EER) | MBH @ 47°F | HSPF (COP) | Electric Heat Available (kW) | | H | W | D | |
| | | | | | | | | | | | |
| Sunline™ Packaged Heat Pump Units (XP) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | |
| XP036C00 | 35.0 | 13.00 | (11.00) | 34.8 | 7.7 (3.1) | — | (2) 15 x 20 / (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 575 |
| XP036E | 35.0 | 13.00 | (11.00) | 34.8 | 7.7 (3.1) | 5, 7, 10, 15, 20 | (2) 15 x 20 / (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 598 |
| XP048C00 | 49.5 | 13.00 | (10.80) | 45.0 | 7.7 (3.3) | — | (2) 15 x 20 / (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 585 |
| XP048E | 49.5 | 13.00 | (10.80) | 45.0 | 7.7 (3.3) | 5, 7, 10, 15, 20 | (2) 15 x 20 / (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 608 |
| XP060C00 | 57.5 | 13.00 | (10.60) | 59.0 | 7.7 (3.1) | — | (2) 15 x 20 / (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 590 |
| XP060E | 57.5 | 13.00 | (10.60) | 59.0 | 7.7 (3.1) | 5, 7, 10, 15, 20, 30 | (2) 15 x 20 / (1) 14 x 25 | 32-5/8 | 44-7/8 | 82-1/4 | 613 |

PACKAGED HEAT PUMPS

**Nominal Capacities**

XP 78 to 150 MBH

Efficiency Ratings

XP 11.2 EER/3.0 to 3.3 COP

**Limited Warranties
(Compressor/Other Parts)**

XP 5 Years/1 Year

Predator™ Packaged Heat Pumps

(XP) 6-1/2 to 12-1/2 Tons

The York® Predator™ line offers flexible, single-package models with side and down airflow convertibility. A common footprint allows easy installation on a curb, slab, roof rack or frame. Every unit is completely charged, wired, piped and tested. Servicing is simple with a slide-out motor and blower. You'll also discover foil-faced insulation for improved IAQ. Two compressors and independent refrigeration circuits ensure reliability and are available on all sizes.

Special Benefits

- Convertibility for side or down airflow discharge, with single-enthalpy economizers used on either application.
- A wide range of factory-installed options and standards like dirty filter switch, disconnect switch, barometric relief and power exhaust, phase monitors, smoke detectors and much more.
- Dual-circuit reliability of two compressors with independent refrigeration circuits.
- Install these compact units almost anywhere there's a curb, slab, roof rack or frame.
- Each unit is completely charged with R-410A—wired, piped and tested.
- All units are assembled and delivered on rigid, full-perimeter base rails, allowing for 3-way forklift access and overhead rigging.
- Tool-free maintenance with features like hinged doors for all-access panels and slide-out blower and blower motor tray.
- IAQ features like foil-faced insulation, pitched roof and removable drain pan.
- Can be ordered practically ready for immediate installation.

VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (XP)

| Model | AHRI Ratings (net) | | | Heating Capacity | | | 1" or 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|---|--------------------|---------|------|------------------|------------|------------------------------|-------------------------------|---------------------|----|----------|-------------------------------------|
| | MBH | (EER) | IEER | MBH @ 47°F | HSPF (COP) | Electric Heat Available (kW) | | H | W | D | |
| | | | | | | | | | | | |
| Predator™ Packaged Heat Pumps (XP) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | |
| XP078C00 | 78.0 | (11.50) | 12.0 | 75.0 | (3.35) | — | (4) 25 x 16 | 42 | 59 | 89 | 920 |
| XP078E | 78.0 | (11.20) | 12.0 | 75.0 | (3.35) | 9, 18, 24, 34 | (4) 25 x 16 | 42 | 59 | 89 | 920 |
| XP090C00 | 90.0 | (11.20) | 12.0 | 88.0 | (3.35) | — | (4) 25 x 16 | 42 | 59 | 89 | 920 |
| XP090E | 90.0 | (11.20) | 12.0 | 88.0 | (3.35) | 9, 18, 24, 34 | (4) 25 x 16 | 42 | 59 | 89 | 920 |
| XP102C00 | 120.0 | (11.20) | 11.4 | 90.5 | (3.35) | — | (4) 25 x 16 | 50-3/4 | 59 | 89 | 1135 |
| XP102E | 120.0 | (11.20) | 11.4 | 90.5 | (3.35) | 9, 18, 24, 34 | (4) 25 x 16 | 50-3/4 | 59 | 89 | 1135 |
| XP120C00 | 117.0 | (11.20) | 11.4 | 102.0 | (3.30) | — | (4) 25 x 16 | 50-3/4 | 59 | 89 | 1135 |
| XP120E | 117.0 | (11.20) | 11.4 | 102.0 | (3.30) | 18, 24, 34, 54 | (4) 25 x 16 | 50-3/4 | 59 | 89 | 1135 |
| XP150C00 | 150.0 | (11.00) | 10.5 | 135.0 | (3.00) | — | (4) 25 x 16 | 50-3/4 | 59 | 119-7/16 | 1400 |
| XP150E | 150.0 | (11.00) | 10.5 | 135.0 | (3.00) | 18, 24, 34, 54 | (4) 25 x 16 | 50-3/4 | 59 | 119-7/16 | 1400 |

PACKAGED HEAT PUMPS

Sunline™ Packaged Heat Pumps

(XP) 15 to 20 Tons

York® Sunline™ Heat Pump units are convertible single package high-efficiency rooftops. All models have independent refrigeration circuits for efficient part load operation. Although the units are primarily designed for curb mounting on a roof, they can also be slab-mounted at ground level or set on steel beams above a finished roof.

All units are self-contained and assembled on rigid full perimeter base rails allowing for overhead rigging. Every unit is completely charged, wired, piped, and tested at the factory to provide a quick and easy field installation. All models (including those with an economizer) are convertible between bottom and horizontal duct connections.

The heat pumps utilize a demand defrost control scheme. The unit will operate in heating mode until a combination of outdoor ambient and outdoor coil temperature indicate that a defrost cycle is necessary. The outdoor coil temperature must remain below the initiate point continuously for 4-1/2 minutes to eliminate any unnecessary defrost cycles. Heat Pump units are available in the following configurations: heat pump with or without electric heat. Electric heaters are available as factory-installed options only.

Special Benefits

- Simplicity® control board.
- Time-temperature defrost circuit adjusts time between defrost cycles based on outdoor temperature.
- Provides optimal comfort control and ensures reliable operation.
- All model sizes share a common, compact design cabinet in two footprints for on-site flexibility.
- Installation time and costs are reduced by easy power and control wiring.
- All units are factory wired, piped, charged and tested prior to shipment.
- Factory-installed options such as electric heating elements, supply and return air smoke detectors, disconnect switch, powered or non-powered GFI convenience outlet, single enthalpy economizer, power exhaust, high static drive blower motor, phase monitor, coil guard, dirty filter switch, hinged filter door and tool less access panels further reduce installation costs.
- BAS factory-mounted controls include Novar®, Honeywell, Johnson and CPC.
- Electric utility knockouts are provided on unit side and bottom for easy connections.
- Convertible airflow design means no panel cutting is required and no accessory panel is necessary.
- Wide range of indoor airflows using adjustable belt-drive fan motors.
- Durable finish made of powder-painted, galvanized steel prevents corrosion.
- Full-perimeter base rails are permanently attached to provide a solid unit foundation.
- Compressor is internally protected against high pressure and temperature.
- Grooved copper tubes and enhanced aluminum fin construction improve heat transfer.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Complete line of field-installed accessories, including motorized dampers, supply and return air smoke detectors, CO₂ sensors, single enthalpy economizers, dual enthalpy sensors and more.



Nominal Capacities

XP 180 to 240 MBH

Efficiency Ratings

XP 10.5 - 10.6 EER/3.2 COP

Limited Warranties (Compressor/Other Parts)

XP 5 Years/1 Year

VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (XP)

| Model | AHRI Ratings (net) | | | Heating Capacity | | | 1" or 2" Filter Size (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|--|--------------------|--------|------|------------------|---------------|---------------------------------|-------------------------------------|---------------------|----|-----------|--|
| | MBH | (EER) | IEER | MBH @ 47°F | HSPF (COP) | Electric Heat Available (kW) | | H | W | D | |
| | | | | | | | | | | | |
| Sunline™ Packaged Heat Pumps (XP) Meet or Exceed ASHRAE 90.1 Standards | | | | | | | | | | | |
| XP180 | 180 | (10.6) | 11.9 | 166.0 | (3.2) | — | (4) 25 x 16 | 52-5/8 | 92 | 136-1/4 | 2140 |
| XP240 | 250 | (10.5) | 10.9 | 260.0 | (3.2) | — | (12) 24 x 12 | 52-5/8 | 92 | 180-19/32 | 2650 |

COMMERCIAL SPLIT SYSTEM EVAPORATOR BLOWERS

**Nominal Capacities**

NC/ND 90 to 300 MBH

**Limited Warranties
(Other Parts)**

NC/ND 1 Year

Predator™ Split System Evaporator Blowers**(NC/ND) 7-1/2 to 25 Tons**

The NC/ND line is a flexible performer. Units can be installed in up to sixteen different configurations and suspended in various positions. Evaporator blower units are designed with two distinct modules to provide maximum application flexibility. The 7.5 to 25 ton units are shipped as single packages with the blower module mounted on top of the coil module. The blower module can be repositioned in the field to meet almost any installation requirement. The blower module includes the blower wheels, drives and a factory-installed motor of your choice (excludes NC300). The coil module includes an R-410A direct expansion coil, two-inch throwaway filters, and a rack that can be easily field altered to accept four-inch filters.

Special Benefits

- Ease of service.
- Base sections.
- Supply plenums.
- Hot water coils.
- Electric Heat Kits.
- Steam coils.
- Standard and high static factory-installed blower motors.
- Factory-mounted expansion valve and filter drier in both refrigerant circuits.
- Adjustable TXVs.
- Two-inch throwaway filters.
- Field adaptable to accept four-inch air filters.
- Single point power connection.
- Various vertical and horizontal application options.
- NC/ND models designed to match up with both YC/YD condensing units and PC/PD heat pumps.

COMMERCIAL SPLIT SYSTEM EVAPORATOR BLOWERS

Predator™ Split System Evaporator Blowers

(NC/ND) 7-1/2 to 25 Tons



VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (NC/ND)

| Model | Nominal Capacity (tons) | Electric Heat Available (kW) | Rated CFM @ ARI | Dimensions (inches) | | | Filter Size (inches) | Liquid Line (inches) | Suction Line (inches) | Approximate Operating Weight (lbs.) |
|---|-------------------------|------------------------------|-----------------|---------------------|-------|------|----------------------|----------------------|-----------------------|-------------------------------------|
| | | | | H | W | D | | | | |
| Predator™ Split System Evaporator Blowers (NC/ND) | | | | | | | | | | |
| NC090 | 7.5 | 10, 16, 26, 36 | 3000 | 65 | 56.0 | 30 | (4) 16 x 25 | 5/8 | 1-1/8 | 498 |
| NC120 | 10 | 26, 36 | 4000 | 65 | 56.0 | 30 | (4) 16 x 25 | 7/8 | 1-3/8 | 539 |
| ND120 | 10 | 26, 36 | 4000 | 65 | 56.0 | 30 | (4) 16 x 25 | 5/8 | 1-1/8 | 541 |
| NC180 | 15 | 10, 16, 26, 36, 50 | 6000 | 75 | 74.5 | 33 | (6) 20 x 24 | 7/8 | 1-5/8 | 764 |
| ND180 | 15 | 10, 16, 26, 36, 50 | 6000 | 75 | 74.5 | 33 | (6) 20 x 24 | 5/8 | 1-3/8 | 764 |
| NC240 | 20 | 20, 32, 52 | 8000 | 65 | 98.0 | 30 | (8) 16 x 25 | 7/8 | 1-5/8 | 873 |
| ND240 | 20 | 20, 32, 52 | 8000 | 65 | 98.0 | 30 | (8) 16 x 25 | 7/8 | 1-3/8 | 873 |
| NC300 | 25 | — | 10,000 | 75 | 100.1 | 38.1 | (10) 20 x 25 | 2-1/8 | 7/8 | 1130 |

COMMERCIAL SPLIT SYSTEM EVAPORATOR BLOWERS



Nominal Capacities

ND 360 to 600 MBH

Limited Warranties
(Other Parts)

ND 1 Year

Millennium™ Split System Evaporator Blowers
(ND) 30, 40 and 50 Tons

A complete offering of field-installed accessories makes the York® Millennium™ split system evaporator blowers among the most flexible in the industry.

From a quality standpoint, these completely assembled units include a well-insulated cabinet, a cooling coil with copper tubes and aluminum fins, expansion valve(s), distributor(s), throwaway filters, a centrifugal blower, a blower motor contactor, and a small holding charge of Nitrogen.

All product units can easily be installed for vertical or horizontal operation, as well as suspended in various positions. Blower and evaporator sections can be separated for ease of handling and application requirements.

Special Benefits

- 30, 40 and 50 nominal tons.
- Designed for maximum application flexibility.
- Blower modules can be repositioned to meet application requirements.
- Controls include control volt transformer, blower motor starter and relay, and a low-voltage terminal block.
- 2" air filter standard.
- Hot water coils, steam coils, and supply plenums available for field installation.

VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (ND)

| Model | Nominal Capacity (tons) | Rated CFM @ ARI | Metering Device | Electric Heat Available (kW) | Dimensions (inches) | | | Filter Size (inches) | Liquid Line (inches) | Suction Line (inches) | Approximate Operating Weight (lbs.) |
|--|-------------------------|-----------------|-----------------|------------------------------|---------------------|---------|----|---|----------------------|-----------------------|-------------------------------------|
| | | | | | H | W | D | | | | |
| Millennium™ Split System Evaporator Blowers (ND) | | | | | | | | | | | |
| ND360 | 30 | 12,000 | TXV | — | 75 | 100-1/8 | 38 | (10) 20 x 25 x 2 | (2) 7/8 | (2) 1-1/8 | 1184 |
| ND480 | 40 | 16,000 | TXV | — | 89 | 103-1/8 | 45 | (6) 20 x 25 x 2 / (6) 16 x 20 x 2 / (3) 20 x 20 x 2 | (2) 7/8 | (2) 1-3/8 | 1348 |
| ND600 | 50 | 17,500 | TXV | — | 99 | 105-1/8 | 54 | (6) 20 x 25 x 2 / (6) 16 x 20 x 2 / (3) 20 x 20 x 2 | (2) 7/8 | (2) 2-1/8 | 1742 |

* Generation indicator.

COMMERCIAL SPLIT SYSTEM AIR CONDITIONERS/HEAT PUMPS

Predator™ Split System Air Conditioners/Heat Pumps**(YC/YD/PC/PD) 7-1/2 to 25 Tons**

These units are completely assembled, piped and wired at the factory to provide one-piece shipment and rigging. Each unit is pressurized with a holding charge of R-410A for storage and/or shipping.

All models include the Simplicity® controls system, engineered for ease of set up and programming, to provide alarm monitoring. Free local networking carries all alarm and diagnostic data directly to an on-site PC if desired. Along with the Simplicity® control system, products from 10–20 tons are available in single- or dual- (2- or 4-pipe) refrigerant circuits for redundancy in operation and various application choices, such as one outdoor unit matched with two indoor units.

The compact design, clean styling and quiet operation make these condensing units suitable for almost any outdoor location, especially on rooftops because they weigh much less than a single package unit of similar capacity and are much easier to rig and support. These units are also suitable at ground level, because their ample sub-cooling capacity allows them to be located three or more stories below the evaporator coil.

Every compressor, condenser fan motor, crankcase heater and electrical control circuit is checked to ensure trouble-free start-up and years of reliable operation. The condenser fan guards are vinyl-coated to provide additional rust protection and to enhance the appearance of the unit. Scroll compressors are mounted on rubber isolators to reduce the transmission of vibration. Vertical discharge condenser fans direct sound upward and away from any surrounding structures. All sheet metal parts are constructed of commercial-grade (G90) galvanized steel. The external parts are coated with a powder paint to assure a quality finish for many years. This UL approved coating system has passed the 1,000-hour, 20% salt-spray test per ASTM Standard B117.

Special Benefits

- Meets EPACK 2005 and exceeds ASHRAE 90.1-1999 efficiency standards.
- R-410A refrigerant.
- Simplicity® controls.
- Inherently protected condenser fan motors.
- 2-pipe and 4-pipe configurations available.
- Five-minute anti-short cycle timer and minimum compressor run time.
- Standard operation to 40°F. Factory or field-installed low-ambient VFD control to 0°F.
- Factory-installed disconnects, convenience outlet and technicoated coil option.
- Scroll compressors provide both high efficiency and reliability.
- Condenser coils constructed of MicroChannel aluminum tube, aluminum fins for durability and long lasting and efficient operation.
- Crankcase heaters that will be de-energized when the compressor is operating.
- Self-contained high and low pressure controls.
- Solid state or internal line break compressor motor protection.
- Class 2, 24-volt thermostat control circuit.
- A filter drier is shipped in the unit's control box for field installation in the liquid line. Copper stub-outs are factory-mounted on the suction and liquid lines to simplify the field piping connections.
- Compressor staging for capacity reduction provides more economical operation and even temperature levels within the conditioned space (except 7.5 ton).

**Nominal Capacities**

YC/YD/PC/PD
90 to 300 MBH

Efficiency Ratings

YC/YD/PC/PD
10.2 to 11.9 EER/3.3 to 3.4 COP

Limited Warranties
 (Compressor/Other Parts)

YC/YD/PC/PD
5 Years/1 Year

COMMERCIAL SPLIT SYSTEM AIR CONDITIONERS/HEAT PUMPS



Predator™ Split System* Air Conditioners/Heat Pumps

(YC/YD/PC/PD) 7-1/2 to 25 Tons

VOLTAGE: 208/230-3-60, 460-3-60, 575-3-60 (YC/YD/PC/PD)

| Model | Gross Capacity (MBH) | Cooling (EER) | Cooling (IEER) | Liquid Line (inches) | Suction Line (inches) | Dimensions (inches) | | | Approximate Operating Weight (lbs.) |
|--|----------------------|---------------|----------------|----------------------|-----------------------|---------------------|---------|---------|-------------------------------------|
| | | | | | | H | W | D | |
| Predator™ Split System Air Conditioners/Heat Pumps (YC/YD/PC/PD) | | | | | | | | | |
| PC090/NC090 | 92 | (11.00) | 11.4 | 5/8 | 1-1/8 | 44-1/2 | 59-1/10 | 31-9/10 | 415 |
| PC120/NC120 | 124 | (11.00) | 11.4 | 7/8 | 1-3/8 | 50 | 59-1/10 | 31-9/10 | 560 |
| PC180/NC180 | 180 | (10.60) | 11.5 | 7/8 | 1-5/8 | 44-1/2 | 59-1/10 | 64-1/10 | 840 |
| PD180/ND180 | 180 | (10.60) | 11.5 | 5/8 | 1-3/8 | 44-1/2 | 59-1/10 | 64-1/10 | 835 |
| PD240/ND240 | 238 | (10.60) | 11.7 | 7/8 | 1-3/8 | 50 | 59-1/10 | 64-1/10 | 1005 |
| YC090/NC090 | 94 | (11.20) | 13.0 | 5/8 | 1-1/8 | 44-1/2 | 59-1/10 | 31-9/10 | 325 |
| YC090/NC120 | 99 | (11.90) | 13.0 | 5/8 | 1-1/8 | 44-1/2 | 59-1/10 | 31-9/10 | 325 |
| YC120/NC120 | 124 | (11.40) | 12.5 | 7/8 | 1-3/8 | 50 | 59-1/10 | 31-9/10 | 445 |
| YD120/ND120 | 124 | (11.20) | 11.2 | 5/8 | 1-1/8 | 50 | 59-1/10 | 31-9/10 | 440 |
| YC150/NC180 | 150 | (11.00) | 13.3 | 7/8 | 1-3/8 | 50 | 59-1/10 | 31-9/10 | 445 |
| YD150/ND180 | 150 | (11.00) | 12.1 | 5/8 | 1-1/8 | 50 | 59-1/10 | 31-9/10 | 440 |
| YC180/NC180 | 181 | (11.20) | 12.2 | 7/8 | 1-5/8 | 44-1/2 | 59-1/10 | 64-1/10 | 675 |
| YC180/NC240 | 190 | (11.70) | 12.7 | 7/8 | 1-5/8 | 44-1/2 | 59-1/10 | 64-1/10 | 675 |
| YD180/ND180 | 181 | (11.20) | 11.6 | 5/8 | 1-3/8 | 44-1/2 | 59-1/10 | 64-1/10 | 675 |
| YD180/(2) NC090 | 187 | (11.20) | — | 5/8 | 1-3/8 | 44-1/2 | 59-1/10 | 64-1/10 | 675 |
| YD180/(2) NC120 | 187 | (11.20) | — | 5/8 | 1-3/8 | 44-1/2 | 59-1/10 | 64-1/10 | 675 |
| YD180/ND240 | 190 | (11.70) | 13.4 | 5/8 | 1-3/8 | 44-1/2 | 59-1/10 | 64-1/10 | 675 |
| YC240/NC240 | 242 | (11.30) | 13.6 | 7/8 | 1-5/8 | 50 | 59-1/10 | 64-1/10 | 710 |
| YD240/ND240 | 242 | (11.30) | 11.9 | 5/8 | 1-3/8 | 50 | 59-1/10 | 64-1/10 | 710 |
| YD240/(2) NC120 | 240 | (11.60) | — | 5/8 | 1-3/8 | 50 | 59-1/10 | 64-1/10 | 710 |
| YC300/NC300 | 299 | (10.20) | 12.2 | 7/8 | 1-5/8 | 50 | 59-1/10 | 64-1/10 | 942 |

* NOTE: The above split systems must be paired with compatible outdoor and indoor units.

UNITIZED ENERGY RECOVERY VENTILATORS

MAXA-MI\$ER® Air Quality Units**(ERV) 2 to 40 Tons**

The York® MAXA-MI\$ER® Energy Recovery Ventilator (ERV) reduces the cost of heating and cooling a building by using exhaust air to condition incoming outdoor air. The MAXA-MI\$ER® ERV uses an enthalpy wheel containing silica gel desiccant to absorb heat from the building's exhaust air. The wheel then turns and releases the absorbed energy into the intake air. This process warms the intake air in the winter and cools it in the summer, reducing the load and the associated energy costs.

Special Benefits

- **Increased Comfort**—As buildings begin using more outdoor air to improve indoor air quality (IAQ), ERVs become economically attractive for helping control heating, cooling and humidity levels in the conditioned space. By tempering the intake air temperature and humidity to levels closer to those of the indoor air, the ERV helps make IAQ more consistent with fewer fluctuations for the HVAC system to react to, thus the cost of frequent air exchanges is greatly reduced.
- **Maximum Efficiency**—The York® MAXA-MI\$ER® ERV directly mounts to the packaged air conditioning system for optimum operation and performance. The ERV reduces cooling and heating loads by eliminating the cost of additional ductwork and dampers associated with IAQ applications. An exclusive balancing damper makes the proper mix of exhaust and intake air simple to set.
- **True Economizer Operation**—Under proper conditions economizers offer significant savings by using cool outside air to condition a building without running the compressor(s). Most ERV systems offer limited economizer operation. But with the York® MAXA-MI\$ER® ERV system economizer operation is not hampered as the ERV wheel is removed from the airstream for full, economical economizer operation.

**ERV Range**

ERV 300 to 13000 CFM
(1-1/2 to 40 tons)

Efficiency Ratings

ERV 63% to 73% Effectiveness

**Limited Warranties
(Other Parts)**

ERV 1 Year

UNITIZED ENERGY RECOVERY VENTILATORS



MAXA-MISER® Air Quality Units

(ERV) 2 to 12-1/2 Tons

| | | | | | | Nominal ARI Data (Total) | | |
|---|------------------|---------------|--------------------|-----------------|--------------|--------------------------|---------|---------|
| | | | | | | Net Effectiveness | | |
| | | | | | | CFM | Heating | Cooling |
| Model | Unit Size (tons) | ERV CFM Range | Matching ERV Model | Voltage & Phase | Voltage Code | | | |
| MAXA-MISER® Air Quality Units “R” Series Stationary Wheel for Units without Economizers | | | | | | | | |
| B*HX024-060 B*HZ024-060 B*HQ024-060 D*EQ024-060 D*EX024-048 D*EY060 D*EZ024-060 | 2–5 | 300–550 | VR006B05H | 110v-1ph | 1 | 500 | 65% | 64% |
| 208/230v-1ph | | | | 9 | | | | |
| 208/240v-3ph | | | | 2 | | | | |
| 460v-3ph | | | | 4 | | | | |
| | | | | | | | | |
| | | | | | | | | |
| D*NQ024-060 D*NX024-048 D*NY024-060 D*NZ024-060 | 2–5 | 300–550 | VR006A05H | 110v-1ph | 1 | 500 | 65% | 64% |
| 208/230v-1ph | | | | 9 | | | | |
| 208/240v-3ph | | | | 2 | | | | |
| 460v-3ph | | | | 4 | | | | |
| ZF036-060 ZR036-060 XP036-060 | 3–5 | 300–550 | VR006A06H | 110v-1ph | 1 | 500 | 65% | 64% |
| | | | | 208/230v-1ph | 9 | | | |
| | | | | 208/240v-3ph | 2 | | | |
| | | | | 460v-3ph | 4 | | | |
| | | 600–1000 | VR011A06H | 208/230v-1ph | 9 | 900 | 73% | 72% |
| | | | | 208/230v-3ph | 2 | | | |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| ZF078,090 ZH037,049,061,078,090 ZJ037,049,061 ZR078,090 XP078,090 | 3–7.5 | 600–1000 | VR011A12H | 208/230v-3ph | 2 | 900 | 73% | 72% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| | | 1100–1700 | VR020A12H | 208/230v-3ph | 2 | 1600 | 65% | 64% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| | | 1500–2200 | VR028A12M | 208/230v-3ph | 2 | 1950 | 71% | 70% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| | | 2200–2800 | VR028A12H | 208/230v-3ph | 2 | 2600 | 65% | 63% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| ZF102,120,150 ZH102,120,150 ZJ078,090,102,120,150 ZR102,120,150 XP102,120,150 | 6.5–12.5 | 600–1000 | VR011B12H | 208/230v-ph | 2 | 900 | 73% | 72% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| | | 1100–1700 | UR020B12H | 208/230v-ph | 2 | 1600 | 65% | 64% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |

* Generation indicator.

UNITIZED ENERGY RECOVERY VENTILATORS

MAXA-MISER® Air Quality Units

(ERV) 3 to 40 Tons



| | | | | | | Nominal ARI Data (Total) | | |
|---|------------------|---------------|--------------------|-----------------|--------------|--------------------------|-------------------|---------|
| | | | | | | CFM | Net Effectiveness | |
| | | | | | | | Heating | Cooling |
| Model | Unit Size (tons) | ERV CFM Range | Matching ERV Model | Voltage & Phase | Voltage Code | | | |
| MAXA-MISER® Air Quality Units “R” Series Stationary Wheel for Units without Economizers | | | | | | | | |
| ZJ180 ZR180 ZF180 | 15 | 1500–2200 | VR028A15M | 208/230v-3ph | 2 | 1950 | 71% | 70% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| | | 2200–2800 | VR028A15H | 208/230v-3ph | 2 | 2600 | 65% | 63% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| | | 2800–3600 | VR036A15H | 208/230v-3ph | 2 | 3100 | 65% | 63% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| | | 3400–4600 | VR046A15H | 208/230v-3ph | 2 | 3900 | 65% | 63% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| | | 4800–5600 | VR062A15M | 208/230v-3ph | 2 | 4125 | 71% | 70% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| | | 5500–6200 | VR062A15H | 208/230v-3ph | 2 | 5500 | 65% | 63% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| ZJ210,240,300 ZR240,300 ZF210,240,300 | 17.5–25 | 2200–2800 | VR028A25H | 208/230v-3ph | 2 | 2600 | 65% | 63% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| | | 2800–3600 | VR036A25H | 208/230v-3ph | 2 | 3100 | 65% | 63% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| | | 3400–4600 | VR046A25H | 208/230v-3ph | 2 | 3900 | 65% | 63% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| | | 4800–5600 | VR062A25M | 208/230v-3ph | 2 | 4125 | 71% | 70% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| | | 5500–6200 | VR062A25H | 208/230v-3ph | 2 | 5500 | 65% | 63% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| Z32 Z33 Z34 | 25–40 | 6000-8000 | VR074A40 | 208/230v-3ph | 2 | 6600 | 65% | 63% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |
| | | 8000-13000 | VR122A40 | 208/230v-3ph | 2 | 10800 | 65% | 63% |
| | | | | 460v-3ph | 4 | | | |
| | | | | 575v-3ph | 5 | | | |

UNITIZED ENERGY RECOVERY VENTILATORS



MAXA-MISER® Air Quality Units

(ERV) 3 to 12-1/2 Tons

| | | | | | | | Nominal ARI Data (Total) | | |
|--|---------------------|------------------|---------------------------|-----------------------|--------------------|-----------------|--------------------------|-------------------|---------|
| | | | | | | | CFM | Net Effectiveness | |
| | | | | | | | | Heating | Cooling |
| Model | Unit Size (tons) | ERV CFM Range | Max. CFM Power Exhaust | Matching ERV Model | Voltage & Phase | Voltage Code | | | |
| MAXA-MISER® Air Quality Units “P” Series Pivoting Wheel for Units with Economizers | | | | | | | | | |
| ZF036-060 ZR036-060 XP036-060 | 3–5 | 600–1000 | 1900 | VP011A06H | 208/230v-1ph | 9 | 900 | 73% | 72% |
| | | | | | 208/240v-3ph | 2 | | | |
| | | | | | 460v-3ph | 4 | | | |
| | | | | | 575v-3ph | 5 | | | |
| ZF078-150 ZH037-150 ZJ037-150 ZR037-150 XP078-150 | 6.5–12.5 | 600–1000 | 1900 | VP011A12H | 208/230v-3ph | 2 | 900 | 73% | 72% |
| | | | | | 460v-3ph | 4 | | | |
| | | | | | 575v-3ph | 5 | | | |
| | | 1100–1700 | 3000 | VP020A12H | 208/230v-3ph | 2 | 1600 | 65% | 64% |
| | | | | | 460v-3ph | 4 | | | |
| | | | | | 575v-3ph | 5 | | | |
| | | 1500–2200 | 3450 | VP028A12M | 208/230v-3ph | 2 | 1950 | 71% | 70% |
| | | | | | 460v-3ph | 4 | | | |
| | | | | | 575v-3ph | 5 | | | |
| | | 2200–2800 | 4200 | VP028A12H | 208/230v-3ph | 2 | 2600 | 65% | 63% |
| | | | | | 460v-3ph | 4 | | | |
| | | | | | 575v-3ph | 5 | | | |

UNITIZED ENERGY RECOVERY VENTILATORS

MAXA-MISER® Air Quality Units

Stand-Alone ERVs



| | | | | Nominal ARI Data (Total) | | | |
|---|---------------|-----------------|--------------|--------------------------|---------|---------|---|
| | | | | Net Effectiveness | | | |
| | | | | CFM | Heating | Cooling | |
| Model | ERV CFM Range | Voltage & Phase | Voltage Code | | | | |
| MAXA-MISER® Stand-Alone Energy Recovery Ventilators Air Quality Units | | | | | | | |
| VS011 | 300-1100 | 208/230-1-60 | 9 | 900 | 73% | 72% | |
| | | 208/230-3-60 | 2 | | | | |
| | | 460-3-60 | 4 | | | | |
| | | 575-3-60 | 5 | | | | |
| VD011 | | 208/230-1-60 | 9 | 900 | 73% | 72% | |
| | | | 208/230-3-60 | | | | 2 |
| | | | 460-3-60 | | | | 4 |
| | | | 575-3-60 | | | | 5 |
| VO011 | | 208/230-1-60 | 9 | 900 | 73% | 72% | |
| | | | 208/230-3-60 | | | | 2 |
| | | | 460-3-60 | | | | 4 |
| | | | 575-3-60 | | | | 5 |
| VS020 | 1200-2000 | N/A | N/A | 1600 | 73% | 72% | |
| | | 208/230-3-60 | 2 | | | | |
| | | 460-3-60 | 4 | | | | |
| | | 575-3-60 | 5 | | | | |
| VD020 | | N/A | N/A | 1600 | 73% | 72% | |
| | | | 208/230-3-60 | | | | 2 |
| | | | 460-3-60 | | | | 4 |
| | | | 575-3-60 | | | | 5 |
| VO020 | | N/A | N/A | 1600 | 73% | 72% | |
| | | | 208/230-3-60 | | | | 2 |
| | | | 460-3-60 | | | | 4 |
| | | | 575-3-60 | | | | 5 |
| VS028 | 1200-2800 | N/A | N/A | 2000 | 73% | 72% | |
| | | 208/230-3-60 | 2 | | | | |
| | | 460-3-60 | 4 | | | | |
| | | 575-3-60 | 5 | | | | |
| VD028 | | N/A | N/A | 2000 | 73% | 72% | |
| | | | 208/230-3-60 | | | | 2 |
| | | | 460-3-60 | | | | 4 |
| | | | 575-3-60 | | | | 5 |
| VO028 | | N/A | N/A | 2000 | 73% | 72% | |
| | | | 208/230-3-60 | | | | 2 |
| | | | 460-3-60 | | | | 4 |
| | | | | | | | 5 |

UNITIZED ENERGY RECOVERY VENTILATORS



MAXA-MI\$ER® Air Quality Units

Stand-Alone ERVs

| | | | | Nominal ARI Data (Total) | | | |
|--|---------------|-----------------|--------------|--------------------------|---------|---------|-----|
| | | | | Net Effectiveness | | | |
| | | | | CFM | Heating | Cooling | |
| Model | ERV CFM Range | Voltage & Phase | Voltage Code | | | | |
| MAXA-MI\$ER® Stand-Alone Energy Recovery Ventilators Air Quality Units | | | | | | | |
| VS036 | 2000-3600 | N/A | N/A | 2800 | 73% | 72% | |
| | | 208/230-3-60 | 2 | | | | |
| | | 460-3-60 | 4 | | | | |
| | | 575-3-60 | 5 | | | | |
| VD036 | | 208/230-3-60 | N/A | N/A | 2800 | 73% | 72% |
| | | | 208/230-3-60 | 2 | | | |
| | | | 460-3-60 | 4 | | | |
| | | | 575-3-60 | 5 | | | |
| VO036 | | N/A | N/A | N/A | 2800 | 73% | 72% |
| | | | 208/230-3-60 | 2 | | | |
| | | | 460-3-60 | 4 | | | |
| | | | 575-3-60 | 5 | | | |
| VS046 | 3000-4600 | N/A | N/A | 3800 | 73% | 72% | |
| | | 208/230-3-60 | 2 | | | | |
| | | 460-3-60 | 4 | | | | |
| | | 575-3-60 | 5 | | | | |
| VD046 | | N/A | N/A | N/A | 3800 | 73% | 72% |
| | | | 208/230-3-60 | 2 | | | |
| | | | 460-3-60 | 4 | | | |
| | | | 575-3-60 | 5 | | | |
| VO046 | | N/A | N/A | N/A | 3800 | 73% | 72% |
| | | | 208/230-3-60 | 2 | | | |
| | | | 460-3-60 | 4 | | | |
| | | | 575-3-60 | 5 | | | |
| VS062 | 4600-6200 | N/A | N/A | 5400 | 73% | 72% | |
| | | 208/230-3-60 | 2 | | | | |
| | | 460-3-60 | 4 | | | | |
| | | 575-3-60 | 5 | | | | |
| VD062 | | N/A | N/A | N/A | 5400 | 73% | 72% |
| | | | 208/230-3-60 | 2 | | | |
| | | | 460-3-60 | 4 | | | |
| | | | 575-3-60 | 5 | | | |
| VO062 | | N/A | N/A | N/A | 5400 | 73% | 72% |
| | | | 208/230-3-60 | 2 | | | |
| | | | 460-3-60 | 4 | | | |
| | | | 575-3-60 | 5 | | | |

COMMERCIAL COMFORT SYSTEMS

York® Commercial Comfort System (YCCS)

With the York® Commercial Comfort System, building owners and operators can network single-zone, constant-volume or variable-volume HVAC units, multiple-zoned units or have a combination of both. Unlike complex and expensive building automation systems (BAS), YCCS is designed specifically for commercial unitary HVAC systems. YCCS application-specific unit controllers provide stand-alone functionality in a microprocessor-based device providing internal time-clock functions for 7/365 programming capability, holiday scheduling and automatic daylight savings time adjustment. Products include:

- System Manager
- Zone Coordinator
- Input/Output Module
- Universal Rooftop Unit (RTU) Controller
- Zone/Bypass Controllers
- Zone/Bypass Assembly
- VAV Terminal Units

Special Benefits

- Integrated Equipment Design—RTU's and damper assemblies are equipped with factory-installed controllers and are factory tested.
- Pre-Engineered Software—All hardware is configured at the factory using pre-designed and tested applications for the equipment controls.
- One System for Zoned or Single Zone Systems—Not only does YCCS provide a networked zone control system for multiple zoned units, individual single zone units can also be connected to the system, eliminating the need to use programmable thermostats.
- True Network Configuration—The YCCS controllers use an industry standard open protocol, BACnet MS/TP. This is a three wire, RS-485 loop for communication between all controllers in the system. This provides a very reliable form of communication with flexibility of installation.
- Advanced DDC Controls—All controllers in the YCCS system are state-of-the-art direct digital controllers. This is what gives the YCCS system powerful features and capabilities not found in other systems. Self-tuning control loops and advanced diagnostics provide simple and easy start-up. Facility tenants can rest assured that the controls will respond quickly and efficiently as environmental conditions change.
- Stand Alone Systems—All YCCS systems are true stand-alone and do not require a computer to operate. DDC controllers maintain their own control loops and set points.
- Menu Driven Operators Interface—All YCCS systems have an innovative color touch screen interface. This gives you access to system status and parameter values without the need for a computer.
- Modulating, Heavy Duty Actuators—All YCCS actuators utilize true modulating control, unlike many systems, which are two-position. This gives the system improved control, which translates to better comfort levels.
- Commercial-Grade Dampers—YCCS zone damper assemblies only use commercial-grade dampers, not cheap, flimsy, light commercial or residential style dampers. The damper assemblies are delivered with all control components factory mounted and wired.



Limited Warranties

All YCCS products have a 1-year limited parts warranty.



Limited Warranties

Every York® Indoor Air Quality product is backed by a 5-year limited warranty.

Indoor Air Quality Products

York has expanded its offering of outstanding indoor air quality (IAQ) products. We provide an array of choices designed to ventilate stale indoor air, zap airborne germs, trap airborne particles and moisturize parched air—all the features homeowners need to enhance their comfort and peace of mind. Products include:

- York® Hybrid Electronic Air Cleaners
- York® Ultraviolet Irradiation Systems
- York® Media Air Cleaners
- York® Whole-Home Humidifiers
- York® Central Dehumidifiers
- York® Energy and Heat Recovery Ventilators

Special Benefits

- York® Hybrid Electronic Air Cleaners—The most effective air cleaner in its class, 24 hours a day, 7 days a week, 365 days a year, it's been rated the #1 overall whole house air cleaner three years in a row by a leading consumer ratings magazine. It removes a broad range of harmful particles from the air, including invisible ones, and has an efficiency rating equivalent to MERV 16. It also has a convenient 1-year filter service life.
- York® Media Air Cleaners—This professional-grade air cleaner reduces antigens and allergens re-circulated through the air. It removes 97% of pollen-size particles, as well as 85% of fungi-size particles. It also has a convenient 1–2 year filter service life.
- York® Whole-Home Humidifiers—Available in bypass, fan powered and steam. These humidifiers replenish the much needed moisture inside a home. Includes a manual humidistat with the option to upgrade to an automatic humidifier control.
- York® Central Dehumidifiers—These whole house dehumidifiers integrate with your HVAC system to quietly and effectively control moisture levels in the home. All three models also have built-in intelligent fan cycling and an optional ventilation feature.
- York® Ultraviolet Irradiation Systems—One of the best performers in the industry at low ambient temperature, this UV system mounts on the evaporator coil for maximum efficiency. Indicator lights let homeowners know how it is functioning. A blue light shows normal operation, a yellow light appears after 9 months of operation and a red light indicates a problem or appears after 12 months of operation.
- York® Energy and Heat Recovery Ventilators—These units transfer heat, help reduce window condensation, include a defrost package and have intermittent and continuous ventilation operating modes.

Indoor Air Quality Products



| Model | Description | Product Features | Efficiency Rating |
|---|--|--------------------------------|-----------------------|
| York® Hybrid Electronic Air Cleaner | | | |
| S1-HEAC3000T | Hybrid Electronic/Media Air Cleaner | — | Equivalent to MERV 16 |
| York® Media Air Cleaner | | | |
| S1-TM11PAC20202 | 20x20 Expandable Media Air Cleaner | — | MERV 11 |
| S1-TM11PAC16252 | 16 x 25 Expandable Media Air Cleaner | — | MERV 11 |
| S1-TM11PAC20252 | 20 x 25 Expandable Media Air Cleaner | — | MERV 11 |
| S1-TM13PAC20202 | 20x20 Expandable Media Air Cleaner | — | MERV 13 |
| S1-TM13PAC16252 | 16 x 25 Expandable Media Air Cleaner | — | MERV 13 |
| S1-TM13PAC20252 | 20 x 25 Expandable Media Air Cleaner | — | MERV 13 |
| York® Whole-Home Humidifiers | | | |
| S1-BP4000MT | Water Saver Bypass Humidifier | — | — |
| S1-BP5000MT | Small Bypass Humidifier | Manual humidistat, 24V, 3 GPH | — |
| S1-BP6000MT | Large Bypass Humidifier | Manual humidistat, 24V, 3 GPH | — |
| S1-FP7000MT | Large Fan Powered Humidifier | Manual humidistat, 120V, 6 GPH | — |
| S1-STEAM8000T01 | Steam Humidifier | — | — |
| S1-HUSTATAUT056 | Automatic Humidistat | — | — |
| York® Ultraviolet Coil Irradiation Systems | | | |
| S1-YUVCS120A | Single Bulb UV Coil Irradiation System | 120V | — |
| S1-YUVCS220A | Single Bulb UV Coil Irradiation System | 208/230V | — |
| S1-YUVCS024A | Single Bulb UV Coil Irradiation System | 24V | — |
| S1-YUVCD120A | Dual Bulb UV Coil Irradiation System | 120V | — |
| S1-YUVCD220A | Dual Bulb UV Coil Irradiation System | 208/230V | — |
| York® Energy and Heat Recovery Ventilators | | | |
| S1-ERV160 | Energy Recovery Ventilator | — | 30–160 CFM |
| S1-ERV220 | Energy Recovery Ventilator | — | 50–220 CFM |
| S1-HRV160 | Heat Recovery Ventilator | — | 30–160 CFM |
| S1-HRV220 | Heat Recovery Ventilator | — | 50–220 CFM |
| York® Central Dehumidifiers | | | |
| S1-CD070T01 | 70 Pints Central Ventilating Dehumidifier | — | — |
| S1-CVD095T01 | 95 Pints Central Ventilating Dehumidifier | — | — |
| S1-CVD135T01 | 135 Pints Central Ventilating Dehumidifier | — | — |

THERMOSTATS

**Limited Warranties**

Every York® THE Thermostat is backed by a 1-year limited warranty.

THE Thermostats

York offers a line of digital thermostats for the residential and commercial markets, available in four battery models, a residential multi-pack model and a system-powered commercial model. Products include:

- Heat Pump 5-Day/2-Day Programmable Digital Thermostat (S1-THEH21P5Y)
- Heat Pump Non-Programmable Digital Thermostat (S1-THEH21NY)
- 5-Day/2-Day Programmable Digital Thermostat (S1-THEC11P5Y)
- Non-Programmable Digital Thermostat (S1-THEC11NY)
- Residential Heat/Cool and Heat Pump 7-Day Programmable Digital Thermostat (S1-THEU22P7Y)
- Commercial Heat/Cool and Heat Pump 7-Day Programmable Digital Thermostat (S1-THEM22P7Y)

Special Benefits

Heat Pump 5-Day/2-Day Programmable Digital Thermostat (S1-THEH21P5Y)

- Stages: 2-heat, 1-cool.
- Auxiliary heat indicator.
- Fahrenheit or celsius.
- Easy access, front battery compartment.
- Battery or system powered.
- Backlit digital display.
- Service filter indicator.

Heat Pump Non-Programmable Digital Thermostat (S1-THEH21NY)

- Stages: 2-heat, 1-cool.
- Auxiliary heat indicator.
- Easy access, front battery compartment.
- Battery or system powered.
- Fahrenheit or celsius.

5-Day/2-Day Programmable Digital Thermostat (S1-THEC11P5Y)

- Stages: 2-heat, 1-cool.
- Backlit digital display.
- Service filter indicator.
- Battery or system powered.
- Fahrenheit or celsius.
- Easy access, front battery compartment.

Non-Programmable Digital Thermostat (S1-THEC11NY)

- Stages: 2-heat, 1-cool.
- Fully electronic.
- Battery or system powered.
- Gas/electric or heat pump compatible.
- Fahrenheit or celsius.
- Easy access, front battery compartment.

Residential Heat/Cool and Heat Pump 7-Day Programmable Digital Thermostat (S1-THEU22P7Y)

- Stages: 2-heat, 2-cool.
- Auxiliary heat indicator.
- System powered.
- Backlit digital display.
- Fahrenheit or celsius.

Commercial Heat/Cool and Heat Pump 7-Day Programmable Digital Thermostat (S1-TBEU22P7Y)

- Stages: 2-heat, 2-cool.
- Auxiliary heat indicator.
- Fahrenheit or celsius.
- Up to 4-hour override.
- Clock backup in the event of power failure.
- Backlit digital display.
- System powered.
- Auto changeover capabilities.
- Keypad lockout.

LX Series Thermostat (Residential)

All LX Series thermostats offer simple operation and a bi-color LED to indicate a cooling or heating demand. They also come switchable from auto-changeover to non-auto changeover, heat-only or cool-only. For easy operation the new LX series thermostat can be controlled by 3 buttons. Under the front cover users will find more options for complete comfort and control. From here you can access the Fan, Program, and Outdoor temperature buttons. Additional advanced options and setup buttons are discreetly located under a concealed drop down door. If needed, all standard and advanced programming can be done in advance on a PC through the optional USB programmer. Contractors can also put their name and phone number on the LX thermostat's scrolling marquee.

Its well thought-out programming steps and optional software are effortless. The large display panel can illuminate your hallway from its soft LED light pipe design. This backlit panel is adjustable for different lighting requirements or can be turned off if needed. The LX series of thermostats can meet all of your HVAC control needs from gas-electric, heat pumps, and dual fuel. Its universal connections are a perfect fit for any HVAC application.

Special Benefits

- Programmable.
- Backlit display.
- Adjustable backlight intensity.
- Customizable scrolling marquee with English, Spanish, and French language support.
- Customizable service alerts and error messages.
- Switchable manual and auto changeover.
- Morning, day, evening, and night time periods.
- Outdoor sensor ready.
- Programmer compatible.
- Wireless accessories available.
- Service filter reminder.
- UV lamp replacement reminder.
- Aux heat indicator.
- Random start.
- Dual units (F or C).
- Dry contact input for condensate overflow.

Models

S1-THSU21P1Y

- Stages: 2-heat; 1-cool
- Programming: 24-hr or Non-programmable

S1-THSU32P7Y

- Stages: 3-heat; 2-cool
- Programming: 7-day, 5-2 day, 1-day, or non-programmable
- Adjustable timers and deadbands.
- Adjustable trailing fan delay.
- Hi/Lo outdoor temp for the day.
- Control to or monitor 2nd sensor.
- Security levels.
- Comfort recovery.
- Y2 indicator.
- Programmable fan.
- Vacation/Holiday mode.

S1-THSU32HP7Y

- Stages: 3-heat; 2-cool
- Programming: 7-day, 5-2 day, 1-day, or non-programmable
- Adjustable timers and deadbands.
- Adjustable trailing fan delay.
- Hi/Lo outdoor temp for the day.
- Control to or monitor 2nd sensor.
- Security levels.
- Comfort recovery.
- Y2 indicator.
- Programmable fan.
- Vacation/Holiday mode.
- Dual fuel support.
- Aux heat lockout.
- Programmable output.
- Can average 1 remote sensor with thermostat.
- Humidification.
- Cooling for dehumidification.
- Humidifier pad replacement reminder.
- Reheat capable.
- Energy watch.



Limited Warranties

Every York® LX Series thermostat is backed by a 5-year limited warranty.

THERMOSTATS

**Limited Warranties**

Every York® LX Series thermostat is backed by a 5-year limited warranty.

LX Series Thermostats (Commercial)

The LX series of commercial thermostats can meet all of your HVAC control needs from large multi-stage gas-electric packaged units to small heat pumps and air handlers. Its universal connections are a perfect fit for any commercial HVAC application. All commercial LX thermostats offer simple operation and a bi-color LED to indicate a cooling or heating demand. They also come switchable from auto-changeover to non-auto changeover, heat-only or cool-only.

The LX series of thermostats offer an optional USB programmer that can be used to copy programming information from one thermostat to the next. It works on any commercial job with multiple thermostats. This time saving USB programmer is a huge advantage to help contractors cut labor costs on jobsites. Also the USB programmer's basic and advanced settings can be preset in advance on a PC. Contractors can also put their name and phone number on the LX thermostat's scrolling marquee. Its well thought out programming steps and optional software are effortless.

Three built-in password protected security levels and optional locking covers are available for higher grades of protection. With the optional locking cover in place all advanced buttons can be secured under the cover giving the end user only limited operation by 3 simple buttons; temperature up, temperature down, and override. Under the front cover users will find more options for complete comfort and control. From here you can access the fan, program, and outdoor temperature buttons. Additional advanced options and setup buttons are discreetly located under a concealed drop down door.

A random start feature is included to help keep the building owners peak usage low on equipment start up, dry contact closures or after a power failure. In the deluxe version of the LX's thermostat you can also average with up to 8 indoor remote sensors and have an "econ" terminal that will energize any time the LX thermostat is in the occupied mode.

Special Benefits

- Backlit display.
- Adjustable backlight intensity.
- Customizable scrolling marquee with English, Spanish, and French language support.
- Customizable service alerts and error messages.
- Switchable manual and auto changeover.
- Outdoor sensor ready.
- Programmer compatible.
- Wireless accessories.
- Fault input.
- Service filter reminder.
- UV lamp replacement reminder.
- Aux heat indicator.
- Random start.
- Dual units (F or C).

Models**S1-TBSU22HNY**

- Stages: 2-heat; 2-cool
- Non-programmable.
- Control to or monitor 2nd sensor.
- Humidification.
- Cooling for dehumidification.
- Humidifier pad replacement reminder.

S1-TBSU32P7Y

- Stages: 3-heat; 2-cool
- Programming: 7-day, 5-1-1 day, 24-hr, or non-programmable
- Adjustable timers and deadbands.
- Adjustable trailing fan delay.
- Hi/Lo outdoor temp for the day.
- Comfort recovery.
- Vacation/holiday mode.

S1-TBSU32HP7Y

- Stages: 3-heat; 2-cool
- Programming: 7-day, 5-1-1 day, 24-hr, or non-programmable
- Adjustable timers and deadbands.
- Adjustable trailing fan delay.
- Programmable output.
- Hi/Lo outdoor temp for the day.
- Control to or monitor 2nd sensor.
- Comfort recovery.

- Vacation/holiday mode.
- Can average 1 remote sensor with thermostat.
- Humidification.
- Cooling for dehumidification.
- Humidifier pad replacement reminder.
- Reheat capable.
- Comfort recovery.
- Energy watch.

THERMOSTATS

CTS Series Thermostat (Residential)

All CTS Series thermostats offer a high-resolution color touch screen display. Intuitive, menu-driven programming makes the operator's manual nearly unnecessary. "Simple as you want operation" allows the cooling references to be removed from the display for installations without air conditioning and allows CTS to be installed as a programmable or non-programmable thermostat. "Simple Stat" mode provides enlarged display numbers and fewer display items, making it perfect for the most basic users. CTS is compatible with most heating and air conditioning equipment and controls gas/electric or heat pump equipment, with up to 4 heating and 2 cooling stages. All models are dual-fuel capable. They are switchable from auto-changeover to non-auto changeover, heat-only or cool-only. Configuration and programming can be done in advance on a PC and transferred to the thermostat via an SD card. Contractors can also put their logo and contact information for on-screen display when service is needed. Companion CTS Assistant software and optional plug-in Wi-Fi® module open a variety of possibilities to the contractor and user.

Special Benefits

- Customizable wallpaper and slideshow.
- Built-in nature and holiday wallpaper themes.
- Customizable alerts.
- "Simple as you want" operation with easy to read display.
- CTS assistant for fast and easy programming.
- SD memory card for easy importing and exporting of thermostat data, including copying data between thermostats.
- At a glance screen lets users see temperature and heating/cooling status.
- Programmable nighttime dimmer.
- 7-Day programmable time period scheduler.
- Automatic daylight savings adjustments.
- 7-Day energy usage graph.
- Passcode security for screen lock and setpoint limits.
- Multiple languages: English, Spanish, and French.
- Universal compatibility including dual fuel.
- Wi-Fi® compatible with plug-in accessory.

Models

S1-THPU32P7S

- Stages: Up to 4-heat/2-cool
- Programming: 7-day, 5-2 day, 1-day, or nonprogrammed
- Gas electric or heat pump control.
- Dual fuel capable.
- Independently adjustable timers & deadbands for all stages of heating and cooling.
- Passcode security for screen lock and setpoint limits.
- Simple-stat operation.
- Programmable fan.
- Outdoor sensor ready (hardwired).
- Choice of English, Spanish and French.
- Customizable screensaver.
- Customizable wallpaper.

S1-THPU32HP7S

- Stages: Up to 4-heat/2-cool
- Programming: 7-day, 5-2 day, 1-day, or nonprogrammed
- Gas electric or heat pump control.
- Dual fuel capable.
- Humidification and dehumidification.
- Independently adjustable timers & deadbands for all stages of heating and cooling.
- Passcode security for screen lock and setpoint limits.
- Simple-stat operation.
- Programmable fan.
- Outdoor sensor ready (hardwired).
- Choice of English, Spanish and French.
- Customizable screensaver.
- Customizable wallpaper.

S1-CTSIAM (Plug-In Wi-Fi® Access Module)

- Enables remote Internet access and control from PCs and mobile devices via home/business Wi-Fi® network.



Limited Warranties

Every York® CTS Series thermostat is backed by a 5-year limited warranty.

THERMOSTATS

**Limited Warranties**

Every York® CTS Thermostat is backed by a 5-year limited warranty.

CTS Series Thermostat (Commercial)

All CTS Series thermostats offer a high-resolution color touch screen display. Intuitive, menu-driven programming makes the operator's manual nearly unnecessary. "Simple as you want operation" allows the cooling references to be removed from the display for installations without air conditioning and allows CTS to be installed as a programmable or non-programmable thermostat. "Simple Stat" mode provides enlarged display numbers and fewer display items, making it perfect for the most basic users. CTS is compatible with most heating and air conditioning equipment and controls gas/electric or heat pump equipment, with up to 4 heating and 2 cooling stages. All models are dual-fuel capable. They are switchable from auto-changeover to non-auto changeover, heat-only or cool-only. Configuration and programming can be done in advance on a PC and transferred to the thermostat via an SD card. Contractors can also put their logo and contact information for on-screen display when service is needed. Companion CTS Assistant software and optional plug-in Wi-Fi® module open a variety of possibilities to the contractor and user.

Special Benefits

- Customizable wallpaper and slideshow.
- Built-in nature and holiday wallpaper themes.
- Customizable service alerts.
- "Simple as you want" operation with easy to read display.
- CTS assistant for fast and easy programming.
- SD memory card for easy importing and exporting of thermostat data, including copying data between thermostats.
- At a glance screen lets users see temperature and heating/cooling status.
- Programmable nighttime dimmer.
- 7-Day programmable time period scheduler.
- Automatic daylight savings adjustments.
- 7-Day energy usage graph.
- Passcode security for screen lock and setpoint limits.
- Multiple Languages: English, Spanish, and French.
- Universal Compatibility Including Dual Fuel.
- Wi-Fi® compatible with plug-in accessory.

Models**S1-TBPU32P7S**

- Stages: Up to 4-heat/2-cool
- Programming: 7-Day Time Period Programming with Occupied/Unoccupied periods
- 365-day Holiday Scheduler.
- Gas Electric or Heat Pump Control.
- Independently Adjustable Timers & Deadbands for all Stages of Heating and Cooling.
- Multi-Level Passcode Security for Screen Lock and Setpoint Limits.
- Fan Purge.
- Outdoor or Remote Temperature Sensing.
- Override Functionality.
- Smart Recovery.
- Choice of English, Spanish and French.
- Customizable Screensaver.
- Customizable Wallpaper.

S1-TBPU32HP7S

- Stages: Up to 4-heat/2-cool
- Programming: 7-Day Time Period Programming with Occupied/Unoccupied periods
- 365-day Holiday Scheduler.
- Gas Electric or Heat Pump Control.
- Humidification and Dehumidification.
- Independently Adjustable Timers & Deadbands for all Stages of Heating and Cooling.
- Multi-Level Passcode Security for Screen Lock and Setpoint Limits.
- Fan Purge.
- Outdoor or Remote Temperature Sensing.
- Override Functionality.
- Smart Recovery.
- Choice of English, Spanish and French.
- Customizable Screensaver.
- Customizable Wallpaper.

S1-CTSIAM (Plug-In Wi-Fi® Access Module)

- Enables remote Internet access and control from PCs and mobile devices via home/business Wi-Fi® network.

THERMOSTATS

York® Affinity™ Residential Communicating Control with Wi-Fi®

(S1-TTSC02)

The York® Residential Communicating Control with Wi-Fi® capability is simple to sell, easy to work with from anywhere, because the Communicating Control does just that: it communicates with your customers—and with you! Contractors and customers can install our Intelli-Comfort™ app for iPhone®, Android® or other compatible devices to talk to the home comfort system over Wi-Fi®, 3G or 4G networks. The interface is as friendly as a smartphone. For contractors, that means installation and troubleshooting routines are easy to access and operate even for the inexperienced technician. And consumers enjoy the comfort and energy savings that fit today's mobile lifestyle.

Special Benefits

- **Easy Access From Your Service Van or Office**—Wi-Fi® communications capability gives you the option of remote access to the Communicating Control from your mobile device or desktop PC to simplify setup and troubleshooting.
- **Plug And Play Saves Time and Money**—Get in sync instantly with an integrated control that reaches out and shakes hands with every piece of intelligent equipment to simplify configuration, monitoring and troubleshooting.
- **See Exactly What's on Your Wall in Your Hand**—Eliminate the learning curve by seeing the control screen that is on the homeowner's wall appearing on your smartphone or digital device. It works the same because it practically is the same!
- **Foresee Problems with Alert Notifications**—System status alerts can be sent as optional email notifications to alert your service tech about service or operational issues.
- **Talk to the System with Built-In Intelligence**—Easily monitor the status and modify the parameters of every enabled system device—from the air conditioner to the furnace to the air handler—thanks to integrated smart control boards.
- **Keep Customers More Comfortable with the Advanced "Quick Heat and Cool" Feature**—This "speed up" feature temporarily puts the heating or cooling mode at the highest capacity to make homeowners feel more comfortable with their system.
- **Sell Homeowners on Energy Savings**—Multiple custom day/night and vacation schedules can be easily programmed to reduce your customer's utility bills.

Zoning Benefits*

- **Zone Control for Up to Six Zones/Rooms Appeals to Owners of Larger Homes**—Individualized control of every zone means precise comfort levels can be programmed from a single touch screen panel to make everybody happy.
- **3 communicating zone sensors to choose from.**
 - Touch Screen Sensor—Ability to monitor and adjust all zones' information.
- **Ability to control the zone's temperature and humidity levels.**
 - Zone Display—Allows for temperature and fan adjustability.
 - Zone Sensor.

* Not available in all models.



Limited Warranties
(Other Parts)

5 Years

[illegible]



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