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RESIDENTIAL & LIGHT COMMERCIAL

PRODUCT CATALOG

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SPLIT SYSTEM AIR CONDITIONERS

**Nominal Capacities**

YXV	24 to 60 MBH
CZH	24 to 60 MBH
CZF	24 to 60 MBH

Efficiency Ratings

YXV	Up to 20 SEER
CZH	Up to 18.75 SEER
CZF	Up to 17.5 SEER



CZH060 does not meet new energy star.

Most Efficient 2017**CZH***

These models are recognized as the Most Efficient of ENERGY STAR® 2017 when used with the Hx™ Touch-screen Thermostat.

*CZH04812 and CZH06012 are not ENERGY STAR® Most Efficient Products

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

YXV	Lifetime/10 Years*
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 3-Phase models, or Internet sales. Please see Limited Warranty certificate in User's Manual for details.

**Affinity™ Series
(YXV, 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:

- (YXV) Up to 20 SEER Variable Capacity Air Conditioner, with Tube-in-Fin Coil
- (CZH) Up to 18.75 SEER Two Stage Air Conditioner, with Tube-in-Fin Coil
- (CZF) Up to 17.5 SEER Single Stage Air Conditioner, with Tube-in-Fin Coil

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.

Affinity™ Common Features

- 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.
- Environmentally Friendly Refrigerant—Refrigerant R-410A delivers environmentally friendly performance with zero ozone depletion.
- Quality Condenser Coils—Enhanced aluminum fins are mechanically bonded to copper tubing.
- Durable Finish—An automotive quality powder paint finish meets 1,000-hour salt-spray requirements and provides the ultimate protection from harmful UV rays and corrosion, ensuring a long-lasting, high quality appearance.
- Composite Base Pan—A robust corrosion-resistant composite base pan provides strength while reducing sound and vibration.
- 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.
- QuietDrive™ Sound Reduction Technology—Features combination of swept-wing fan, composite base pan, isolated compressor compartment and quiet scroll compressor to reduce overall sound to a mere whisper.
- Factory charged for a 15-foot line set.
- Filter Drier—A factory-installed, corrosion-resistant, powder-painted, stainless steel, liquid line filter-drier further protects the compressor against harmful moisture and debris.

YXV Unique Features

- Variable Capacity—Dynamically adjusts capacity and sensible balance to meet changing comfort needs. Adjust from 30-100% of nominal capacity with overdrive ability to meet the most demanding outdoor conditions.
- Charge Assurance™—A built-in feature that ensures optimized setup without connecting gauges, sensors or accessories, and provides built-in system refrigerant charge measurements by simply removing two screws. This leads to faster, more accurate installations and more efficient yearly maintenance.
- Designed as a communicating system using the Hx™ Touch-screen Thermostat.
- Precise Refrigerant Control—Uses indoor and outdoor electronic expansion valves (EEV) controlled by advanced algorithms to maximize efficiency and capacity while protecting the system from abnormal occurrences.
- Climate Set™—Intuitively select a preconfigured operating profile based on the unit's operating location. The humid, dry or normal setting options help contractors quickly set up a home comfort system with a greater degree of accuracy and confidence, maximizing efficiency and homeowner comfort.
- Quality Condenser Coils—Enhanced aluminum fins are mechanically bonded to copper tubing.
- Superior Coil Protection—A stamped, decorative metal coil guard completely protects the coil from debris and other damaging material.
- Swept Wing Fan—A fan design boasting technology adapted from aeronautic and defense engineering provides whisper quiet operation by allowing air to flow smoothly and efficiently across the fan edges.
- Easy Service Access—A swing open electrical box provides full corner access for maintenance or service.

CZH Unique Features

- Control Flexibility—Can be installed as part of a communicating system using a simple 4-wire installation and a Touch Screen Communicating Control or as a conventional system using a conventional non-communicating thermostat.
- Isolated Compressor Compartment—A molded composite bulkhead isolates the refrigeration components and the compressor from the rest of the unit, reducing sound and vibration.
- Easy Service Access—A full end, full-service access panel with built-in access handle makes for easy entry to internal components.

SPLIT SYSTEM AIR CONDITIONERS

Affinity™ Series
 (YXZ, CZH, CZF)


Model	Nominal Cooling MBH	Cooling SEER** (up to)	Voltage	MCA	Liquid Line (inches)	Suction Line (inches)	Dimensions (inches)			Approximate Operating Weight (lbs.)	MOCP
							H	W	D		
(YXV) Up to 20 SEER Variable Capacity Air Conditioners w/R410A											
YXV24B21SA 	23.0	19.25	208/230V	17.4	3/8	3/4	40-1/4	35-1/2	35-1/2	194	30.0
YXV36B21SA 	34.2	19.0	208/230V	25.7	3/8	3/4	40-1/4	35-1/2	35-1/2	205	40.0
YXV48B21SA 	44.5	19.5	208/230V	28.6	3/8	7/8	43-1/4	38-1/4	38-1/4	264	45.0
YXV60B21SA 	52.5	20.0	208/230V	33.9	3/8	7/8	46-1/2	38-1/4	38-1/4	270	50.0
(CZH) Up to 18.75 SEER Two Stage Single Phase Air Conditioners w/ R410A											
CZH02412† 	24.0	18.0	208/230V	17.4	3/8	3/4	40	42-1/4	34	285	25.0
CZH03612† 	36.0	18.5	208/230V	21.8	3/8	3/4	40	42-1/4	34	285	35.0
CZH04812 	48.0	17.0	208/230V	29.2	3/8	7/8	40	42-1/4	34	310	35.0
CZH06012	60.0	16.0	208/230V	36.6	3/8	7/8	40	42-1/4	34	315	35.0
(CZF) Up to 17.5 SEER Single Stage Single Phase Air Conditioners w/ R410A											
CZF02413 	24.0	16.0	208/230V	17.3	3/8	3/4	30	37	31	159	30.0
CZF03013 	30.0	16.0	208/230V	18.1	3/8	3/4	30	37	31	166	30.0
CZF03614 	36.0	16.0	208/230V	18.9	3/8	3/4	40	37	31	200	30.0
CZF04213 	42.0	16.0	208/230V	23.7	3/8	7/8	40	37	31	209	40.0
CZF04814 	48.0	16.0	208/230V	26.1	3/8	7/8	40	42-1/4	34	250	45.0
CZF06013 	60.0	16.0	208/230V	29.5	3/8	7/8*	40	42-1/4	34	235	50.0

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

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

† CZH models are recognized as the Most Efficient of ENERGY STAR® 2017 when used with the Hx™ Touch-screen Thermostat.

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 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:

- (TCHD) 13 SEER optimized for Northern U.S.A. and Canadian Regions Air Conditioner, with MicroChannel Coil

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	
(TCHD) 13 SEER Single-Phase Condensing Unit 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
(TCHD) 13 SEER Three-Phase Condensing Unit 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
(TCHD) 13 SEER Three-Phase Condensing Unit 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**

YCG	18 to 60 MBH
YCS	18 to 60 MBH
YCE	18 to 60 MBH
YCD	18 to 60 MBH
YFE	18 to 60 MBH
TCG	30 to 60 MBH (Three-Phase)

Efficiency Ratings

YCG Up to 18.5 SEER



TCG Up to 18.5 SEER

YCS 14 SEER

YCE 14 SEER

YCD 13 SEER

YFE 14 SEER

Limited Warranties

(Compressor/Other Parts)

TCG 10 Years/10 Years**

YCG 10 Years/10 Years**

YCS 10 Years/10 Years**

YCE 10 Years/10 Years**

YCD 10 Years/10 Years**

YFE 10 Years/10 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 3-Phase models, or Internet sales. Please see Limited Warranty certificate in User's Manual for details.

LX Series

(YCG, YCS, YCE, YCD, YFE, TCG)

The LX Series is the YORK® mid-tier line of residential central air conditioning units. Models include:

- (YCG) Up to 18.5 SEER Air Conditioner, with MicroChannel Coil
- (YCS) 14 SEER Optimized for Southwest U.S.A. Region Air Conditioner, with MicroChannel Coil
- (YCE) 14 SEER Optimized for Southeast U.S.A. Region Air Conditioner, with MicroChannel Coil
- (YCD) 13 SEER Optimized for Northern U.S.A. and Canadian Regions Air Conditioner, with MicroChannel Coil
- (YFE) 14 SEER Optimized for Southeast U.S.A. Region Air Conditioner, with Tube-in-Fin Coil
- (TCG) Up to 18.5 SEER Three-Phase Air Conditioner, with MicroChannel Coil

These condensing units are the outdoor section of a versatile central cooling 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 for specific applications. 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 space constrained applications.
- **Quality Condenser Coils**—The coil is constructed of aluminum MicroChannel tubing (YCG, YCS, YCE, YCD, TCG). Enhanced aluminum fins are mechanically bonded to copper tubing (YFE).
- **Coil Protection**—Coils are protected from damage by powder painted 2-piece extruded louver 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**—Refrigerant R-410A delivers environmentally friendly performance with zero ozone depletion.
- **Durable Finish**—An automotive quality powder paint finish rated at 1,000 hrs. salt spray provides the ultimate protection from harmful UV rays and corrosion ensuring a long-lasting, high quality appearance.
- **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.
- **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 (Select YCG 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**—A swing-open electrical box provides easy full corner access for service or maintenance. 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

(YCG, YCS, YCE, YCD)



Model	Nominal Cooling MBH	Nominal Cooling SEER†	Voltage	MCA	Liquid Line (inches)	Suction Line (inches)	Dimensions (inches)			Approximate Operating Weight (lbs.)	MOCP
							H	W	D		
(YCG) Up to 18.5 SEER Single-Stage Single-Phase Air Conditioners w/R-410A 											
YCG18B21S	18.0	17.0	208/230V	14	3/8	3/4	30	29-1/4	29-1/4	150	20.0
YCG24B21S	24.0	17.0	208/230V	16.4	3/8	3/4	30	29-1/4	29-1/4	150	25.0
YCG30B21S	30.0	17.0	208/230V	18.8	3/8	3/4	36-1/4	35-1/4	31-3/4	165	30.0
YCG36B21S	36.0	17.0	208/230V	22	3/8	3/4	36-1/4	35-1/4	31-3/4	175	35.0
YCG42B21S	42.0	17.0	208/230V	23.6	3/8	7/8	39-1/2	38	34-1/4	220	40.0
YCG48B21S	48.0	17.0	208/230V	25.9	3/8	7/8	39-1/2	38	34-1/4	220	40.0
YCG60B21S	60.0	16.0	208/230V	32.4	3/8	7/8*	42-3/4	38	34-1/4	220	50.0
(YCS) 14.0 SEER Single-Stage Single-Phase Air Conditioners w/R-410A											
YCS18B21S	18.0	14.0	208/230V	11.8	3/8	3/4	33-1/4	24	24	130	20.0
YCS24B21S	24.0	14.0	208/230V	13.6	3/8	3/4	30	29-1/4	29-1/4	135	20.0
YCS30B21S	30.0	14.0	208/230V	17.6	3/8	3/4	30	29-1/4	29-1/4	140	30.0
YCS36B21S	36.0	14.0	208/230V	20.5	3/8	3/4	36-1/4	29-1/4	29-1/4	155	35.0
YCS42B21S	42.0	14.0	208/230V	22.1	3/8	7/8	33-1/4	35-1/4	31-3/4	200	35.0
YCS48B21S	48.0	14.0	208/230V	25.7	3/8	7/8	33-1/4	35-1/4	31-3/4	200	45.0
YCS60B21S	60.0	14.0	208/230V	31.7	3/8	7/8*	36-1/4	38	34-1/4	205	50.0
(YCE) 14.0 SEER Single-Stage Single-Phase Air Conditioners w/R-410A											
YCE18B21H	18.0	14.0	208/230V	10.2	3/8	3/4	33-1/4	24	24	140	15.0
YCE24B21H	24.0	14.0	208/230V	11.6	3/8	3/4	30	29-1/4	29-1/4	155	20.0
YCE30B21H	30.0	14.0	208/230V	14.2	3/8	3/4	30	29-1/4	29-1/4	155	20.0
YCE36B21H	36.0	14.0	208/230V	18.9	3/8	3/4	36-1/4	29-1/4	29-1/4	180	30.0
YCE42B21H	42.0	14.0	208/230V	21.5	3/8	7/8	33-1/4	35-1/4	31-3/4	215	35.0
YCE48B21S	48.0	14.0	208/230V	25.7	3/8	7/8	33-1/4	35-1/4	31-3/4	200	45.0
YCE60B21S	60.0	14.0	208/230V	31.7	3/8	7/8*	36-1/4	38	34-1/4	205	50.0
(YCD) 13.0 SEER Single-Stage Single-Phase Air Conditioners w/R-410A											
YCD18B21S	18.0	13.0	208/230V	9.6	3/8	3/4	23-1/2	24	24	125	15.0
YCD24B21S	24.0	13.0	208/230V	12.3	3/8	3/4	26-3/4	24	24	130	20.0
YCD30B21S	30.0	13.0	208/230V	14.2	3/8	3/4	30	24	24	140	20.0
YCD36B21S	36.0	13.0	208/230V	19.9	3/8	3/4	33-1/4	24	24	140	30.0
YCD42B21S	42.0	13.0	208/230V	21.9	3/8	7/8	26-3/4	29-1/4	29-1/4	175	35.0
YCD48B21S	48.0	13.0	208/230V	28.5	3/8	7/8	30	29-1/4	29-1/4	165	50.0
YCD60B21S	60.0	13.0	208/230V	34.3	3/8	7/8*	36-1/4	29-1/4	29-1/4	175	60.0

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

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

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

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



LX Series (YFE)

Model	Nominal Cooling MBH	Nominal Cooling SEER†	Voltage	MCA	Liquid Line (inches)	Suction Line (inches)	Dimensions (inches)			Approximate Operating Weight (lbs.)	MOCP
							H	W	D		
(YFE) 14.0 SEER Single-Stage Single-Phase Air Conditioners w/R-410A											
YFE18B21S	18.0	14.0	208/230V	11.8	3/8	3/4	36-1/4	24	24	120	20.0
YFE24B21S	24.0	14.0	208/230V	13.6	3/8	3/4	30	29-1/4	29-1/4	131	20.0
YFE30B21S	30.0	14.0	208/230V	18.1	3/8	3/4	39-1/2	35-1/4	31-3/4	176	30.0
YFE36B21S	36.0	14.0	208/230V	20.5	3/8	3/4	39-1/2	35-1/4	31-3/4	176	35.0
YFE42B21S	42.0	14.0	208/230V	22.1	3/8	7/8	39-1/2	35-1/4	31-3/4	230	35.0
YFE48B21S	48.0	14.0	208/230V	25.7	3/8	7/8	39-1/2	35-1/4	31-3/4	235	45.0
YFE60B21S	60.0	14.0	208/230V	31.7	3/8	7/8*	39-1/2	38	34-1/4	256	50.0

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

† 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

LX Series (TCG)



Model	Nominal Cooling MBH	Nominal Cooling SEER†	Voltage	MCA	Liquid Line (inches)	Suction Line (inches)	Dimensions (inches)			Approximate Operating Weight (lbs.)	MOCP
							H	W	D		
(TCG) Up to 18.5 SEER Single-Stage Three-Phase Air Conditioners w/R410A**											
TCG36B31S	36.0	17.0	208/230V	15.8	3/8	3/4	36-1/4	35-1/4	31-3/4	175	25.0
TCG48B31S	48.0	17.0	208/230V	20	3/8	7/8	39-1/2	38	31-3/4	220	30.0
TCG60B31S	60.0	17.0	208/230V	22.6	3/8	1-1/8*	42-3/4	38	31-3/4	235	35.0
TCG36B41S	36.0	17.0	460V	8.8	3/8	3/4	36-1/4	35-1/4	31-3/4	175	15.0
TCG48B41S	48.0	17.0	460V	9.4	3/8	7/8	39-1/2	38	31-3/4	220	15.0
TCG60B41S	60.0	17.0	460V	10.4	3/8	1-1/8*	42-3/4	38	31-3/4	235	15.0

* 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.

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**

YZV	24 to 60 MBH
YZH	24 to 60 MBH
YZF	24 to 60 MBH

Efficiency Ratings

YZV	Up to 20 SEER/10.2-11 HSPF
YZH	Up to 19 SEER/10 HSPF
YZF	Up to 16 SEER/9.0 HSPF



YZF060 does not meet new energy star.

Most Efficient 2017**YZH***

**Most Efficient
2017**
www.energystar.gov

This model is recognized as the Most Efficient of ENERGY STAR® 2017 when used with the Affinity™ Residential Communicating Control.

*YZH03612 is an ENERGY STAR® Most Efficient Product

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

YZV	Lifetime/10 Years*
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 3-Phase models, or Internet sales. Please see Limited Warranty certificate in User's Manual for details.

Affinity™ Series**(YZV, YZH, YZF)**

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

- (YZV) Up to 20 SEER Variable Capacity Heat Pump
- (YZH) Up to 19 SEER Two-Stage Heat Pumps
- (YZF) Up to 16 SEER Single-Stage† Heat Pumps

These 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.

Affinity™ Common Features

- 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.
- Environmentally Friendly Refrigerant—Refrigerant R-410A delivers environmentally friendly performance with zero ozone depletion.
- Durable Finish—An automotive quality powder paint finish meets 1,000-hour salt-spray requirements and provides the ultimate protection from harmful UV rays and corrosion ensuring a long-lasting, high quality appearance.
- Composite Base Pan—A robust corrosion-resistant composite base pan provides strength while reducing sound and vibration.
- 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.
- QuietDrive™ Sound Reduction Technology—Features combination of swept-wing fan, composite base pan, isolated compressor compartment and quiet scroll compressor to reduce overall sound to a mere whisper.
- Factory charged for a 15-foot line set.
- Filter Drier—A factory-installed, corrosion-resistant, powder-painted, stainless steel, liquid line filter-drier further protects the compressor against harmful moisture and debris.

YZV Unique Features

- Variable Capacity—Dynamically adjusts capacity and sensible balance to meet changing comfort needs. Adjust from 30-100% of nominal capacity with overdrive ability to meet the most demanding outdoor conditions.
- Precise Refrigerant Control—Uses indoor and outdoor electronic expansion valves (EEV) controlled by advanced algorithms to maximize efficiency and capacity while protecting the system from abnormal occurrences.
- Charge Assurance™—A built-in feature that ensures optimized setup without connecting gauges, sensors or accessories, and provides built-in system refrigerant charge measurements by simply removing two screws. This leads to faster, more accurate installations and more efficient yearly maintenance.
- Designed as a communicating system using the Hx™ Touch-screen Thermostat.
- Climate Set™—intuitively select a preconfigured operating profile based on the unit's operating location. The humid, dry or normal setting options help contractors quickly set up a home comfort system with a greater degree of accuracy and confidence, maximizing efficiency and homeowner comfort.
- Superior Coil Protection—A stamped, decorative metal coil guard completely protects the coil from debris and other damaging material.
- Swept Wing Fan—A fan design boasting technology adapted from aeronautic and defense engineering provides whisper quiet operation by allowing air to flow smoothly and efficiently across the fan edges.
- Easy Service Access—A swing open electrical box provides full corner access for maintenance or service.
- Adaptive Defrost—A learning defrost system based on demand that eliminates unnecessary defrost cycles while improving consumer comfort and lowering energy bills.

YZH Unique Features

- Demand Defrost—Minimizes defrost cycles while maximizing consumer comfort and energy savings.
- Control Flexibility—Can be installed as part of a communicating system using a simple 4-wire installation and a Touch Screen Communicating Control or as a conventional system using a conventional non-communicating thermostat.
- Isolated Compressor Compartment—A molded composite bulkhead isolates the refrigeration components and the compressor from the rest of the unit, reducing sound and vibration.
- Easy Service Access—A full end, full-service access panel with access handle makes for easy entry to internal components.

SPLIT SYSTEM HEAT PUMPS

Affinity™ Series
 (YZV, YZH, YZF)


Model	Nominal Cooling MBH	Cooling SEER* (up to)	Voltage	MCA	Nominal Heating MBH 47°	Heating HSPF* (up to)	Liquid Line (inches)	Suction Line (inches)	Dimensions (inches)			Approximate Operating Weight (lbs.)	MOCP	
									H	W	D			
(YZV) Up to 20 SEER Variable Capacity Heat Pumps w/R410A														
YZV24B21SA 	23.6	19.4	208/230V	17.7	22.4	11.0	3/8	3/4	40-1/4	32	35-1/2	265	30.0	
YZV36B21SA 	34.6	20.0	208/230V	25.7	33.5	11.0	3/8	3/4	40-1/4	32	35-1/2	282	40.0	
YZV48B21SA 	45.0	19.3	208/230V	28.6	46.0	10.5	3/8	7/8	46-1/2	34-1/2	38-1/4	322	45.0	
YZV60B21SA 	53.0	18.8	208/230V	33.9	53.5	10.0	3/8	1-1/8**	46-1/2	34-1/2	38-1/4	334	50.0	
(YZH) Up to 19 SEER Two-Stage Single-Phase Heat Pumps w/R-410A														
YZH02412 	24.0	17.0	208/230V	17.5	24.0	9.9	3/8	3/4	40	42-1/4	34	295	20.0	
YZH03612† 	36.0	18.0	208/230V	21.8	36.0	10.2	3/8	3/4	40	42-1/4	34	295	25.0	
YZH04812 	48.0	17.0	208/230V	29.2	48.0	10.0	3/8	7/8	40	42-1/4	34	320	30.0	
YZH06012	60.0	15.5	208/230V	36.9	58.0	9.4	3/8	7/8	40	42-1/4	34	325	40.0	
(YZF) Up to 16 SEER Single Stage Single-Phase Heat Pumps w/R-410A														
YZF02413 	24.0	15.0	208/230V	17.5	24.0	9.0	3/8	3/4	40	37	31	199	30.0	
YZF03013 	30.0	16.0	208/230V	17.3	29.4	9.0	3/8	3/4	40	42-1/4	34	228	30.0	
YZF03613 	36.0	15.0	208/230V	22.6	36.0	9.0	3/8	3/4	40	42-1/4	34	230	35.0	
YZF04214 	42.0	15.0	208/230V	23.7	39.5	9.0	3/8	7/8	40	42-1/4	34	234	40.0	
YZF04813 	48.0	15.0	208/230V	26.9	47.0	9.0	3/8	7/8	40	42-1/4	34	283	45.0	
YZF06013† 	60.0	15.0	208/230V	33.8	58.0	9.0	3/8	7/8**	40	42-1/4	34	298	60.0	

* 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.

‡ YZH model is recognized as the Most Efficient of ENERGY STAR® 2017 when used with the Hx™ Touch-screen Thermostat.

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**

YHM	24 to 60 MBH (Modulating)
YHE	18 to 60 MBH
THE	30 to 60 MBH (Three-Phase)

Efficiency Ratings

YHM	Up to 17.75 SEER/ Up to 10.0 HSPF
YHE	14 SEER/8.2 HSPF
THE	14 SEER/8.2 HSPF

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

YHM	10 Years/10 Years/1 Year*
YHE	10 Years/10 Years/1 Year*
THE	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.

LX Series**(YHM, YHE, THE)**

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

- (YHM) Up to 17.75 SEER Modulating Heat Pump
- (YHE) 14 SEER Single Stage Heat Pump
- (THE) 14 SEER Three-Phase Heat Pump

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 steel coil guard with extruded louvers.
- **Protected Compressor**—All compressors are protected by a suction accumulator and high and low pressure switches. A factory installed liquid line filter-drier further protects the compressor and system 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 powder-coated steel, with special primer formulas 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**—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 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**—Swing-open electrical box for full corner access to the inside of the unit for maintenance or service.
- **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.

In addition to the benefits listed above, the LX 16 SEER Modulating Heat Pump (YHM) includes these special benefits:

- Uses a conventional two-stage heat pump thermostat.
- Automatically adjusts capacity from 50 to 100% of nominal capacity to more closely hold temperature.
- Matches with AVC/MVC, AE and ME air handlers.
- Inverter driven compressor and outdoor fan motor.

SPLIT SYSTEM HEAT PUMPS

LX Series

(YHM, YHE, THE)



Model	Nominal Cooling MBH	Nominal Cooling SEER*	Voltage	MCA	Nominal Heating MBH 47°	Heating HSPF†	Liquid Line (inches)	Suction Line (inches)	Dimensions (inches)			Approximate Operating Weight (lbs.)		
									H	W	D	MOC	MOCP	
(YHM) Up To 17.75 SEER Modulating Heat Pumps w/R410A														
YHM24B21S	24.0	16.0	208/230V	17.2	23.0	9.0	3/8	3/4	33.25	29.25	29.25	151	30.0	
YHM36B21S	35.0	16.0	208/230V	21	35.0	10.0	3/8	3/4	39.50	29.25	29.25	167	35.0	
YHM48B21S	47.0	16.0	208/230V	35.6	47.0	9.5	3/8	7/8	39.50	31.75	35.25	198	60.0	
YHM60B21S	56.0	16.0	208/230V	34.7	57.0	9.5	3/8	1-1/8	39.50	31.75	35.25	219	60.0	
(YHE) 14 SEER Single-Stage Heat Pumps w/R410A														
YHE18B21S	17.8	14.0	208/230V	12	17.5	9.0	3/8	3/4	33-1/4	29-1/4	29-1/4	120	20.0	
YHE24B21S	23.8	14.0	208/230V	15.4	24.0	8.5	3/8	3/4	36-1/4	29-1/4	29-1/4	131	25.0	
YHE30B21S	28.8	14.0	208/230V	18.1	29.6	9.0	3/8	3/4	39-1/2	35-1/4	31-3/4	176	30.0	
YHE35B21S	35.2	14.5	208/230V	20.5	34.0	8.8	3/8	3/4	39-1/2	35-1/4	31-3/4	176	35.0	
YHE36B21H	34.0	14.0	208/230V	19.7	34.0	8.5	3/8	3/4	39-1/2	35-1/4	31-3/4	230	30.0	
YHE42B21H	41.5	14.0	208/230V	25.5	40.5	9.0	3/8	7/8	39-1/2	35-1/4	31-3/4	230	40.0	
YHE48B21S	46.5	14.0	208/230V	30.8	48.0	9.0	3/8	7/8	39-1/2	38	31-3/4	235	50.0	
YHE60B21S	55.5	14.0	208/230V	31.7	57.0	9.3	3/8	1-1/8	42-1/2	38	34-1/4	256	50.0	
(THE) 14 SEER Three-Phase Heat Pumps w/ R-410A														
THE30B31S	28.8	14.0	230/3	12.42	28.2	8.5	3/8	3/4	39-1/2	35-1/4	31-3/4	176	20.0	
THE30B41S	28.8	14.0	460/3	5.93	28.2	8.5	3/8	3/4	39-1/2	35-1/4	31-3/4	176	20.0	
THE36B31H	34.0	14.0	230/3	12.58	34.6	8.2	3/8	3/4	39-1/2	35-1/4	31-3/4	230	25.0	
THE36B41H	34.0	14.0	460/3	7.05	34.6	8.2	3/8	3/4	39-1/2	35-1/4	31-3/4	230	30.0	
THE42B31H	42.0	14.0	230/3	16.1	39.0	8.5	3/8	7/8	39-1/2	35-1/4	31-3/4	230	35.0	
THE42B41H	42.0	14.0	460/3	7.25	39.0	8.5	3/8	7/8	39-1/2	35-1/4	31-3/4	230	15.0	
THE48B31S	47.0	14.0	230/3	18.42	45.5	9	3/8	7/8	39-1/2	38	31-3/4	235	15.0	
THE48B41S	47.0	14.0	460/3	8.66	45.5	9	3/8	7/8	39-1/2	38	31-3/4	235	15.0	
THE60B31S	55.0	14.0	230/3	21.22	56.0	9	3/8	7/8	42-1/2	38	34-1/4	256	15.0	
THE60B41S	55.0	14.0	460/3	10.33	56.0	9	3/8	7/8	42-1/2	38	34-1/4	256	15.0	

* 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.

DUCT-FREE MINI-SPLITS


Limited Warranties
 (Compressor/Other Parts)

All Models 7 Years/5 Years

Duct-Free Mini-Splits

(22, 16, 30.5, 27, 23, 20, 18)

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:

- (W-Series) Up to 22 SEER/8.2 HSPF Multi-Zone System
- (M-Series) Up to 16 SEER/9.0–10.2 HSPF Multi-Zone System
- (Z-Series) Up to 30.5 SEER/10.5 HSPF Single-Zone System
- (Y-Series) Up to 27 SEER/10.0 HSPF Single-Zone System
- (X-Series) Up to 23 SEER/10.0–10.5 HSPF Single-Zone System
- (R-Series) Up to 20 SEER/9.0–10.0 HSPF Single-Zone System
- (P-Series) Up to 18 SEER/9.0 HSPF Single-Zone System

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.
- 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 notice gradual temperature change.

For more information about Duct-Free Mini-Splits please see the YORK® Duct-Free Mini Splits product catalog located on the MAC and UPGNet.

AIR HANDLERS

Air Handlers

(AVV, AVC, MVC, AE, ME, AP, MP)

YORK® offers top-quality air handlers for use in virtually any application. They are applicable to installations in upflow, downflow, horizontal left or right position with no kits or extra parts required. Models include:

- (AVV, AVC, MVC) Series Variable-Speed Air Handlers
- (AE, ME) Series Standard ECM Air Handlers
- (AP, MP) Series Air Handlers

All air handler cabinets are thermally insulated with cleanable, foil-faced insulation to prevent sweating. Compact cabinet design fits space constrained installations for easy application in crawl spaces and attic access openings. Cabinet prevents air loss and keep contaminants out of the air flow with contained edges on foil-faced insulation. Pre-painted steel provides added durability that resists corrosion and rust creep. Positive-slope drain pan produces a drained condensate pan after each cycle. Advanced MaxAlloy™ aluminum coil is optimized for effective airflow.

Special Benefits

Affinity™ Series Single-Piece Variable-Speed Constant CFM Air Handlers (AVV, AVC)

- Advanced, ultra-quiet variable-speed ECM motor helps save energy and 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 operation to match the comfort requirements specific to different climate regions.
- Can be controlled using a conventional two-stage heat pump thermostat or using the YORK® Affinity™ Hx™ Touch-screen Thermostat
- AVV comes with a factory mounted electronic expansion valve (EEV).

LX Series Single-Piece Air Handlers (AE, AP)

- Quiet, high-efficiency standard ECM motors.
- Constant torque motor improves system performance.
- Proven PSC motor ensures reliable performance and improved efficiency.

Modular Air Handlers (MVC, ME, MP)

- Flexible, modular design handles any applications.
- Match with cased coils for specific system ratings.
- Modular air handler can be used as a stand-alone electric furnace with approved heat kits.
- MVC models use variable-speed ECM motors and include *ClimaTraK™* technology and are communications capable with YORK® Affinity™ Hx™ Touch-Screen Thermostat or Residential Communicating Control
- ME models use standard ECM motors.
- MP models use multi-speed PSC motors.

All Series Models:

- TXV's are installed using chatleff style fittings.
- Cabinet air leakage less than 2.0% at 1.0 inch when tested in accordance with ASHRAE standard 193.



Nominal Capacities

AVV	18 to 60 MBH
AVC	18 to 60 MBH
MVC	18 to 60 MBH
AE	18 to 60 MBH
ME	18 to 60 MBH
AP	18 to 60 MBH
MP	18 to 60 MBH

Limited Warranties (Limited Parts)

AVV	10 Years*/1 Year
AVC	10 Years*/1 Year
MVC	10 Years*/1 Year
AE	10 Years*/1 Year
ME	10 Years*/1 Year
AP	10 Years*/1 Year
MP	10 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.

AIR HANDLERS



Air Handlers (AVV)

Model	Nominal Capacity (tons)	Nominal CFM	Dimensions (inches)			
			H	W	D (Casing)	D (W/Doors)
AVV-VARIABLE SPEED AIR HANDLER WITH FACTORY MOUNTED EEV*						
AVV25BE121	2.0	800	47-1/2	17-1/2	20-1/2	21-1/2
AVV37BE221	3.0	1,200	47-1/2	17-1/2	20-1/2	21-1/2
AVV37CE221	3.0	1,200	51-1/2	21	20-1/2	21-1/2
AVV38BE221	3.0	1,200	51-1/2	17-1/2	20-1/2	21-1/2
AVV38CE221	3.0	1,200	55-3/4	17-1/2	20-1/2	21-1/2
AVV49CE321	4.0	1,600	55-3/4	17-1/2	20-1/2	21-1/2
AVV49DE321	4.0	1,600	55-1/2	24-1/2	20-1/2	21-1/2
AVV50CE321	4.0	1,600	60	21	20-1/2	21-1/2
AVV50DE321	4.0	1,600	60	24-1/2	20-1/2	21-1/2
AVV61CE421	5.0	1,800	60	21	20-1/2	21-1/2
AVV61DE421	5.0	1,800	60	24-1/2	20-1/2	21-1/2

*To be used with YXV and YZV variable capacity units only
Communicating Control only

AIR HANDLERS

Air Handlers

(AVC, MVC)



Model	Nominal Capacity (tons)	Refrigerant Metering Device	Electric Available (kW)	Dimensions (inches)			Voltage	Filter Size (inches)	Approximate Operating Weight (lbs.)
				H	W	D*			
(AVC) Variable-Speed Air Handlers or (MVC) Modular Air Handlers									
AVC18BX21	1.5	Flex	2,5,8,10	41	17-1/2	20-1/2	208/230V	16 x 20	85
AVC24BX21	2.0	Flex	2,5,8,10,13	41	17-1/2	20-1/2	208/230V	16 x 20	87
AVC30BX21	2.5	Flex	2,5,8,10,13,15	47-1/2	17-1/2	20-1/2	208/230V	16 x 20	113
AVC36BX21	3.0	Flex	2,5,8,10,13,15,18,20	47-1/2	17-1/2	20-1/2	208/230V	16 x 20	113
AVC36CX21	3.0	Flex	2,5,8,10,13,15,18,20	51-1/2	21	20-1/2	208/230V	20 x 20	114
AVC42CX21	3.5	Flex	2,5,8,10,13,15,18,20	51-1/2	21	20-1/2	208/230V	20 x 20	230
AVC48CX21	4.0	Flex	2,5,8,10,13,15,18,20	51-1/2	21	20-1/2	208/230V	20 x 20	150
AVC48DX21	4.0	Flex	2,5,8,10,13,15,18,20,25	55-1/2	24-1/2	20-1/2	208/230V	20 x 20	153
AVC60CX21	5.0	Flex	2,5,8,10,13,15,18,20	55-3/4	21	20-1/2	208/230V	20 x 20	146
AVC60DX21	5.0	Flex	2,5,8,10,13,15,18,20,25	55-1/2	24-1/2	20-1/2	208/230V	22 x 20	170
MVC08BN21	1.5-2.0	Flex	2,5,8,10,13	21-1/2	17-1/2	20-1/2	208/230V	16 x 20	51
MVC12BN21	3.0	Flex	2,5,8,10,13,15,18,20	21-1/2	17-1/2	20-1/2	208/230V	16 x 20	51
MVC14DN21	3.5	Flex	2,5,8,10,13,15,18	22-1/2	24-1/2	20-1/2	208/230V	22 x 20	74
MVC16CN21	4.0	Flex	2,5,8,10,13,15,18,20	22-1/2	21	20-1/2	208/230V	20 x 20	67
MVC20DN21	5.0	Flex	2,5,8,10,13,15,18,20,25	22-1/2	24-1/2	20-1/2	208/230V	22 x 20	74

*With doors removed

Variable Speed, Communicating or Conventional Control

AIR HANDLERS



Air Handlers

(AE, ME)

Model	Nominal Capacity (tons)	Refrigerant Metering Device	Electric Available (kW)	Dimensions (inches)			Voltage	Filter Size (inches)	Approximate Operating Weight (lbs.)
				H	W	D*			
(AE) Single-Piece Air Handlers or (ME) Modular Air Handlers									
AE18BX21	1.5	Flex	2,5,8,10	41	17-1/2	20-1/2	208/230V	16 x 20	136
AE24BX21	2.0	Flex	2,5,8,10,13	41	17-1/2	20-1/2	208/230V	20 x 20	150
AE30BX21	2.5	Flex	2,5,8,10,13,15	47-1/2	17-1/2	20-1/2	208/230V	22 x 20	153
AE36BX21	3.0	Flex	2,5,8,10,13,15,18,20	47-1/2	17-1/2	20-1/2	208/230V	20 x 20	146
AE36CX21	3.0	Flex	2,5,8,10,13,15,18,20	51-1/2	21	20-1/2	208/230V	22 x 20	170
AE36BBE21	3.0	TXV	2,5,8,10,13,15,18,20	51-1/2	21	20-1/2	208/230v	22x20	170
AE36CBE21	3.0	TXV	2,5,8,10,13,15,18,20	51-1/2	21	20-1/2	208/230V	22 x 20	170
AE42CX21	3.5	Flex	2,5,8,10,13,15,18,20	51-1/2	21	20-1/2	208/230V	20 x 20	136
AE42CBF21	3.5	TXV	2,5,8,10,13,15,18,20,	51-1/2	21	20-1/2	208/230V	20 x 20	136
AE48CB21	4.0	TXV	2,5,8,10,13,15,18,20,25	55-1/2	24-1/2	20-1/2	208/260V	22x20	153
AE48CBC21	4.0	Flex	2,5,8,10,13,15,18,20	51-1/2	21	20-1/2	208/230V	20 x 20	150
AE48DX21	4.0	Flex	2,5,8,10,13,15,18,20,25	55-1/2	24-1/2	20-1/2	208/230V	22 x 20	153
AE48DBC21	4.0	TXV	2,5,8,10,13,15,18,20,25	55-1/2	24-1/2	20-1/2	208/230V	22 x 20	153
AE60CX21	5.0	Flex	2,5,8,10,13,15,18,20	55-3/4	21	20-1/2	208/230V	20 x 20	146
AE60DX21	5.0	Flex	2,5,8,10,13,15,18,20,25	55-1/2	24-1/2	20-1/2	208/230V	22 x 20	170
AE60DBG21	5.0	TXV	2,5,8,10,13,15,18,20,25	55-1/2	24-1/2	20-1/2	208/230V	22 x 20	170
ME08BN21	1.5-2.0	Flex	2,5,8,10,13	21-1/2	17-1/2	20-1/2	208/230V	16 x 20	51
ME12BN21	3.0	Flex	2,5,8,10,13,15,18,20	21-1/2	17-1/2	20-1/2	208/230V	16 x 20	51
ME14DN21	3.5	Flex	2,5,8,10,13,15,18	22-1/2	24-1/2	20-1/2	208/230V	22 x 20	74
ME16CN21	4.0	Flex	2,5,8,10,13,15,18,20	22-1/2	21	20-1/2	208/230V	20 x 20	67
ME20DN21	5.0	Flex	2,5,8,10,13,15,18,20,25	22-1/2	24-1/2	20-1/2	208/230V	22 x 20	74

*With doors removed

Standard high-efficiency ECM air handlers use conventional controls and provides five blower speeds

AIR HANDLERS

Air Handlers

(AP, MP)



Model	Nominal Capacity (tons)	Refrigerant Metering Device	Electric Available (kW)	Dimensions (inches)			Voltage	Filter Size (inches)	Approximate Operating Weight (lbs.)
				H	W	D*			
(AP) Single-Piece Air Handlers or (MP) Modular Air Handlers									
AP18BX21	1.5	Flex	2,5,8,10	41	17-1/2	20-1/2	208/230V	16 x 20	85
AP18BBA21	1.5	TXV	2,5,8,10	41	17-1/2	20-1/2	208/230V	16 x 20	85
AP24BX21	2.0	Flex	2,5,8,10,13	41	17-1/2	20-1/2	208/230V	16 x 20	87
AP24BBA21	2.0	TXV	2,5,8,10,13	41	17-1/2	20-1/2	208/230V	16 x 20	87
AP30BX21	2.5	Flex	2,5,8,10,13,15	47-1/2	17-1/2	20-1/2	208/230V	16 x 20	113
AP30BBB21	2.5	TXV	2,5,8,10,13,15	47-1/2	17-1/2	20-1/2	208/230V	16 x 20	113
AP36BX21	3.0	Flex	2,5,8,10,13,15,18,20	47-1/2	17-1/2	20-1/2	208/230V	16 x 20	113
AP36CX21	3.0	Flex	2,5,8,10,13,15,18,20	51-1/2	21	20-1/2	208/230V	20 x 20	114
AP37CX21	3.0	Flex	2,5,8,10,13,15,18,20	51-1/2	21	20-1/2	208/230V	20 x 20	150
AP37CBD21	3.0	TXV	2,5,8,10,13,15,18,20	51-1/2	21	20-1/2	208/230V	20 x 20	150
AP42CX21	3.5	Flex	2,5,8,10,13,15,18,20	51-1/2	21	20-1/2	208/230V	20 x 20	136
AP48CX21	4.0	Flex	2,5,8,10,13,15,18,20	51-1/2	21	20-1/2	208/230V	20 x 20	150
AP48DX21	4.0	Flex	2,5,8,10,13,15,18,20,25	55-1/2	24-1/2	20-1/2	208/230V	22 x 20	153
AP60CX21	5.0	Flex	2,5,8,10,13,15,18,20	55-3/4	21	20-1/2	208/230V	20 x 20	146
AP60DX21	5.0	Flex	2,5,8,10,13,15,18,20,25	55-1/2	24-1/2	20-1/2	208/230V	22 x 20	170
MP08BN21	1.5-2.0	Flex	2,5,8,10,13	21-1/2	17-1/2	20-1/2	208/230V	16 x 20	51
MP12BN21	3.0	Flex	2,5,8,10,13,15,18,20	21-1/2	17-1/2	20-1/2	208/230V	16 x 20	51
MP14DN21	3.5	Flex	2,5,8,10,13,15,18,20	22-1/2	24-1/2	20-1/2	208/230V	22 x 20	74
MP16CN21	4.0	Flex	2,5,8,10,13,15,18,20	22-1/2	21	20-1/2	208/230V	20 x 20	67
MP20DN21	5.0	Flex	2,5,8,10,13,15,18,20	22-1/2	24-1/2	20-1/2	208/230V	22 x 20	74

*With doors removed
PSC multi-speed motor

INDOOR COILS

**Nominal Capacities**

**CM, CM (EEV), CF, CU,
FC, MC, UC, PC, HD**

18 to 60 MBH
1-1/2 to 5-1/2-ton coils

Limited Warranties

**CM, CM (EEV), CF, CU,
FC, MC, UC, PC, HD**
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.

Indoor Coils

(CM, CF, CU, FC, MC, UC, PC, HD)

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

MaxAlloy™ Aluminum Coils:

- CM-Coil Multiposition
- CF- Coil Upflow/downflow
- CU- Coil Uncased

Copper Coils:

- Full cased (MC)
- Full cased (FC)
- Uncased upflow (UC)
- Half cased upflow (PC)
- Horizontal duct (HD)

Special Benefits**MaxAlloy™ Aluminum Coils (CM, CF, CU)**

- Rigid Case Construction—Interior endoskeleton provides structural support, flush sides, and locks in insulation.
- Powder-Coated—G30 galvanized steel case provides a coated edge that resists corrosion and rust creep.
- MaxAlloy™ Coil—Long life aluminum tube-in-fin coils built to deliver lasting performance, efficiency and reliability.
- Quality Construction—Structural components are made of Aluminum or G90 galvanized steel to prevent corrosion.
- Improved Insulation Design—Single piece with no external screws to reduce thermal transmission paths to prevent sweating. Foil faced insulation for ease of cleaning.
- Thermostatic Expansion Valve—Chateff style TXV provides easy installation to convert the indoor coil to the required refrigerant and does not require brazing to replace or install.
- Select CM coil models come standard with a factory mounted electronic expansion valve (EEV) as part of the Variable Capacity Affinity™ system.
- Select models are available with factory installed TXV.

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

- Upflow, downflow and multi-position coils are available and high-capacity models to match many system applications with furnaces or modular 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.
- Fully cased coils may be used with modular air handlers to make a two piece air handler for certain applications.

INDOOR COILS

Indoor Coils
(CM)

Model	Dimensions (inches)				Weight (lbs.)		TXV
	W	H	D	D (w/ doors)	Shipping	Operating	
(CM) Indoor Coil Multiposition MaxAlloy™ Flex Coils							
CM18AXA1	14-1/2	19-1/2	20-1/2	21-1/2	40	39	Flex
CM18BXA1	17-1/2	19	20-1/2	21-1/2	42	41	Flex
CM24AXA1	14-1/2	19-1/2	20-1/2	21-1/2	43	42	Flex
CM24BXA1	17-1/2	19	20-1/2	21-1/2	44	43	Flex
CM24CXA1	21	21	20-1/2	21-1/2	45	44	Flex
CM30AXA1	14-1/2	25-1/2	20-1/2	21-1/2	49	48	Flex
CM30BXA1	17-1/2	23	20-1/2	21-1/2	52	51	Flex
CM30CXA1	21	23	20-1/2	21-1/2	53	52	Flex
CM30DXA1	24-1/2	25	20-1/2	21-1/2	54	53	Flex
CM36AXA1	14-1/2	25-1/2	20-1/2	21-1/2	53	52	Flex
CM36BXA1	17-1/2	25-5/8	20-1/2	21-1/2	55	54	Flex
CM36CXA1	21	25	20-1/2	21-1/2	56	55	Flex
CM36DXA1	24-1/2	25	20-1/2	21-1/2	63	62	Flex
CM42CXA1	21	27	20-1/2	21-1/2	61	60	Flex
CM42DXA1	24-1/2	27	20-1/2	21-1/2	64	63	Flex
CM48CXA1	21	33	20-1/2	21-1/2	65	64	Flex
CM48DXA1	24-1/2	32-3/4	20-1/2	21-1/2	67	66	Flex
CM60CXA1	21	33	20-1/2	21-1/2	75	74	Flex
CM60DXA1	24-1/2	32-3/4	20-1/2	21-1/2	77	76	Flex
CM64DXA1	24-1/2	32-3/4	20-1/2	21-1/2	83	82	Flex
(CM) Indoor Coil Multiposition MaxAlloy™ Factory Installed TXV Coils							
CM18ABAA1	14-1/2	19-1/2	20-1/2	21-1/2	42	41	FMID
CM24ABAA1	14-1/2	19-1/2	20-1/2	21-1/2	44	43	FMID
CM24BBAA1	17-1/2	19	20-1/2	21-1/2	45	44	FMID
CM30ABBA1	14-1/2	25-1/2	20-1/2	21-1/2	50	49	FMID
CM30BBBA1	17-1/2	23	20-1/2	21-1/2	52	51	FMID
CM36BBCA1	17-1/2	25-5/8	20-1/2	21-1/2	56	55	FMID
CM36CBCA1	21	25	20-1/2	21-1/2	57	56	FMID
CM42CBCA1	21	27	20-1/2	21-1/2	62	61	FMID
CM48CBCA1	21	33	20-1/2	21-1/2	68	67	FMID
CM48DBCA1	24-1/2	32-3/4	20-1/2	21-1/2	69	68	FMID
CM60CBDA1	21	33	20-1/2	21-1/2	78	77	FMID
CM60DBDA1	24-1/2	32-3/4	20-1/2	21-1/2	80	79	FMID

FMID – Factory Mounted Indoor

INDOOR COILS



Indoor Coils

(CM, CF)

Model	Dimensions (inches)				Weight (lbs.)		TXV
	W	H	D	D (w/doors)	Shipping	Operating	
(CM) Indoor Coil Upflow/Downflow MaxAlloy™ Flex Coils (EEV)							
CM25BE1A1	17-1/2	25-5/8	20-1/2	21-1/2	56	55	EEV
CM37BE2A1	17-1/2	25-5/8	20-1/2	21-1/2	56	55	EEV
CM37CE2A1	21	25	20-1/2	21-1/2	57	56	EEV
CM38BE2A1	17-1/2	25-5/8	20-1/2	21-1/2	56	55	EEV
CM49CE3A1	21	33	20-1/2	21-1/2	76	75	EEV
CM49DE3A1	24-1/2	32-3/4	20-1/2	21-1/2	78	77	EEV
CM50CE3A1	21	37-1/4	20-1/2	21-1/2	80	79	EEV
CM50DE3A1	24-1/2	37-1/4	20-1/2	21-1/2	81	80	EEV
CM61CE4A1	21	37-1/4	20-1/2	21-1/2	80	79	EEV
CM61DE4A1	24-1/2	37-1/4	20-1/2	21-1/2	81	80	EEV
(CF) Indoor Coil Upflow/Downflow MaxAlloy™ Flex Coils							
CF18AXA1	14-1/2	19-1/2	20-1/2	21-1/2	38	37	Flex
CF18BXA1	17-1/2	19	20-1/2	21-1/2	40	39	Flex
CF24AXA1	14-1/2	19-1/2	20-1/2	21-1/2	41	40	Flex
CF24BXA1	17-1/2	19	20-1/2	21-1/2	42	41	Flex
CF24CXA1	21	21	20-1/2	21-1/2	43	42	Flex
CF30AXA1	14-1/2	21-5/8	20-1/2	21-1/2	47	46	Flex
CF30BXA1	17-1/2	23	20-1/2	21-1/2	50	49	Flex
CF30CXA1	21	21	20-1/2	21-1/2	51	50	Flex
CF30DXA1	24-1/2	25	20-1/2	21-1/2	52	51	Flex
CF36AXA1	14-1/2	25-1/2	20-1/2	21-1/2	51	50	Flex
CF36BXA1	17-1/2	25-5/8	20-1/2	21-1/2	53	52	Flex
CF36CXA1	21	23	20-1/2	21-1/2	54	53	Flex
CF36DXA1	24-1/2	25	20-1/2	21-1/2	61	60	Flex
CF42BXA1	17-1/2	25	20-1/2	21-1/2	57	56	Flex
CF42CXA1	21	25	20-1/2	21-1/2	59	58	Flex
CF42DXA1	24-1/2	25	20-1/2	21-1/2	62	61	Flex
CF48CXA1	21	27	20-1/2	21-1/2	63	62	Flex
CF48DXA1	24-1/2	27	20-1/2	21-1/2	65	64	Flex
CF60CXA1	21	33	20-1/2	21-1/2	73	72	Flex
CF60DXA1	24-1/2	32-3/4	20-1/2	21-1/2	75	74	Flex
CF64DXA1	24-1/2	32-3/4	20-1/2	21-1/2	80	79	Flex
(CF) Indoor Coil Upflow/Downflow MaxAlloy™ Factory-installed TXV Coils							
CF18ABAA1	14-1/2	19-1/2	20-1/2	21-1/2	40	38	FMID
CF24ABAA1	14-1/2	19-1/2	20-1/2	21-1/2	42	41	FMID
CF30BBBA1	17-1/2	23	20-1/2	21-1/2	51	50	FMID
CF36BBCA1	17-1/2	25-5/8	20-1/2	21-1/2	54	53	FMID
CF42CBCA1	21	25	20-1/2	21-1/2	60	59	FMID
CF48CBCA1	21	27	20-1/2	21-1/2	65	64	FMID
CF60CBDA1	21	33	20-1/2	21-1/2	75	74	FMID

INDOOR COILS

Indoor Coils
(CU, FC)

Model	Dimensions (inches)				Weight (lbs.)		TXV
	W	H	D	D (w/ doors)	Shipping	Operating	
(CU) Indoor Coil Uncased Upflow MaxAlloy™ Flex Coils							
CU18AXA1	13-1/2	13-3/8	—	—	23	20	Flex
CU18BXA1	16-3/8	13-1/4	—	—	25	20	Flex
CU24AXA1	13-1/2	15-3/8	—	—	25	22	Flex
CU24BXA1	16-3/8	15-1/4	—	—	26	23	Flex
CU24CXA1	19-3/4	14-7/8	—	—	27	24	Flex
CU30AXA1	13-1/2	19-3/8	—	—	31	28	Flex
CU30BXA1	16-1/2	19-1/2	—	—	31	28	Flex
CU30CXA1	19-7/8	19-1/4	—	—	32	29	Flex
CU30DXA1	23-3/8	19	—	—	33	30	Flex
CU36BXA1	16-1/2	21-1/2	—	—	34	31	Flex
CU36CXA1	19-7/8	21-1/8	—	—	35	32	Flex
CU36DXA1	23-3/8	21-1/4	—	—	36	33	Flex
CU42CXA1	20	23-1/8	—	—	38	35	Flex
CU42DXA1	23-3/8	22-7/8	—	—	39	36	Flex
CU48CXA1	20	25-1/8	—	—	41	38	Flex
CU48DXA1	23-3/8	25	—	—	42	39	Flex
CU60CXA1	20	29-1/4	—	—	46	43	Flex
CU60DXA1	23-3/8	29	—	—	47	44	Flex

Model	Nominal Capacity Range	Application	Metering Device	Dimensions (inches)			Liquid Line (inches)	Suction Line (inches)	Approximate Operating Weight (lbs.)
				H	W	D			
(FC) Full Cased Upflow/Downflow Evaporator Copper Coils									
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
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
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

INDOOR COILS



Indoor 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			
(MC) Full Cased Multi-position Evaporator Copper Coils									
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
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
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
(UC) Uncased Upflow/Downflow Evaporator Copper Coils									
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
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

INDOOR COILS

Indoor Coils
(PC, HD)

Model	Nominal Capacity Range	Application	Metering Device	Dimensions (inches)			Liquid Line (inches)	Suction Line (inches)	Approximate Operating Weight (lbs.)
				H	W	D			
(PC) Half Cased Upflow Evaporator Copper Coils									
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
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
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
(HD) Horizontal Duct Evaporator Copper Coils									
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

GAS FURNACES

**Nominal Capacities**

YP9C 60 to 120 MBH

Efficiency Ratings

YP9C 97.5–98.0% AFUE

**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.

Affinity™ Series (YP9C)

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

- (YP9C) Modulating ECM Multi-position

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 YORK® Affinity™ Hx™ Touch-Screen Thermostat or 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.
- Easily removable base for bottom air return (Upflow application).
- Rotatable inducer allows the flexibility of top or side venting to accommodate installations or added IAQ features (Upflow application).

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		
(YP9C) Variable-Speed Up to 98% AFUE Furnaces 											
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

Affinity™ Series

(YPLC)

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

- (YPLC) Modulating ECM Multi-position Furnace

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 YORK® Affinity™ Hx™ Touch-Screen Thermostat or 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.
- Easily removable base for bottom air return (Upflow application).
- Rotatable inducer allows the flexibility of top or side venting to accommodate installations or added IAQ features (Upflow application).



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.

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		
(YPLC) Variable-Speed 80% AFUE Furnaces											
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

**Nominal Capacities**

TM9Y	40 to 120 MBH
TM9V	40 to 120 MBH
TM9T	60 to 120 MBH
TM9E	40 to 120 MBH

Efficiency Ratings

TM9Y	96.0% AFUE
TM9V	96.0% AFUE
TM9E	95.0% AFUE



TM9T	96.0% AFUE
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**Limited Warranties
(Heat Exchanger/Other Parts)**

TM9Y	Lifetime/10 Years*
TM9V	Lifetime/10 Years*
TM9T	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.

LX Series**(TM9Y, TM9V, TM9T, TM9E)**

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

Models include:

- (TM9Y) Two-Stage Standard ECM Multi-position Furnace
- (TM9V) Two-Stage Variable-Speed ECM Multi-position Furnace
- (TM9T) Two-Stage PSC Multi-position Furnace
- (TM9E) Single-Stage Standard ECM Multi-position Furnace

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.
- Fully-supported, slide-out blower assembly for easy service access.
- Motor Technology:
 - TM9Y uses high efficiency standard ECM motor for efficiency and comfort.
 - TM9V uses advanced variable-speed ECM motor for efficiency and comfort.
 - TM9E uses high efficiency standard ECM motor for cooling SEER enhancement.
- 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 YORK® Affinity™ Hx™ Touch-Screen Thermostat or 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.
- Easily removable base for bottom air return (Upflow application).
- Rotatable inducer allows the flexibility of top or side venting to accommodate installations or added IAQ features (Upflow application).

GAS FURNACES

LX Series

(TM9Y, TM9V)



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		
(TM9Y) Two Stage Standard ECM Multi-Position 96% AFUE Gas Furnaces  											
TM9Y040A10MP11	40	38	96	33	14-1/2	29-1/2	113	16 x 25	14 x 25	1000	—
TM9Y060B12MP11	60	58	96	33	17-1/2	29-1/2	119	16 x 25	16 x 25	1200	—
TM9Y080B12MP11	80	77	96	33	17-1/2	29-1/2	123	16 x 25	16 x 25	1200	—
TM9Y080C10MP11	80	77	96	33	21	29-1/2	130	16 x 25	20 x 25	1600	—
TM9Y100C16MP11	100	96	96	33	21	29-1/2	136	16 x 25	20 x 25	1600	—
TM9Y100C20MP11	100	96	96	33	21	29-1/2	143	20 x 25	20 x 25	2000	—
TM9Y120D20MP11	120	115	96	33	24-1/2	29-1/2	154	20 x 25	22 x 25	2000	—
(TM9V) Two-Stage 96% AFUE Furnaces 											
TM9V040A10MP12	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	—

GAS FURNACES



LX Series

(TM9T, 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		
(TM9T) Two-Stage 96% AFUE Furnaces											
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	—
(TM9E) Single-Stage 95.0% AFUE Furnaces											
TM9E040A10MP11	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	17-1/2	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

(TM8Y, TM8V, TMLV, TM8T, TMLT, TM8X, TMLX)

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

- (TM8Y) Two-Stage Standard ECM Multi-Position Furnace
- (TM8V, TMLV) Two-Stage Variable-Speed ECM Multi-position Furnace
- (TM8T, TMLT) Two-Stage PSC Multi-position Furnace
- (TM8X, TMLX) Single-Stage Standard ECM Multi-position Furnace

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.
- Motor Technology:
 - TM8Y uses high efficiency standard ECM motor for efficiency and comfort.
 - 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 YORK® Affinity™ Hx™ Touch-Screen Thermostat or 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).
- Easily removable base for bottom air return (Upflow application).
- Rotatable inducer allows the flexibility of top or side venting to accommodate installations or added IAQ features (Upflow application).



Nominal Capacities

TM8Y	60 to 120 MBH
TM8V, TMLV	60 to 120 MBH
TM8T, TMLT	60 to 120 MBH
TM8X, TMLX	60 to 120 MBH

Efficiency Ratings

TM8Y	80.0% AFUE
TM8V, TMLV	80.0% AFUE
TM8T, TMLT	80.0% AFUE
TM8X, TMLX	80.0% AFUE

Limited Warranties

(Heat Exchanger/Other Parts)

TM8Y	Lifetime**/10 Years*
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.

**Must be registered online within 90 days of installation. If not registered within 90 days, the parts warranty reverts to a 5-year limited warranty and the heat exchanger warranty reverts to a 20-year limited warranty.

GAS FURNACES



LX Series

(TM8Y, 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		
(TM8Y) Two Stage Standard ECM Multi-Position 80% AFUE Gas Furnaces 											
TM8Y060A12MP11	60	48	80	33	14-1/2	29-1/2	94	16 x 25	14 x 25	1200	—
TM8Y080B12MP11	80	64	80	33	17-1/2	29-1/2	103	16 x 25	16 x 25	1200	—
TM8Y080C16MP11	80	64	80	33	21	29-1/2	114	16 x 25	20 x 25	1600	—
TM8Y100C16MP11	100	80	80	33	21	29-1/2	118	16 x 25	20 x 25	1600	—
TM8Y100C20MP11	100	80	80	33	21	29-1/2	122	(2) 16 x 25	20 x 25	2000	—
TM8Y120C20MP11	120	96	80	33	21	29-1/2	129	(2) 16 x 25	22 x 25	2000	—
(TM8V/TMLV) Two-Stage 80% AFUE Furnaces											
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	—
(TM8T/TMLT) Two-Stage 80% AFUE Furnaces											
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	—
(TM8X/TMLX) Single-Stage 80% AFUE Furnaces											
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	—

Latitude™ Series

(TG9S)

The YORK® Latitude™ Series includes 33" single-stage residential gas furnaces. Models include:

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

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.
- Easily removable base for bottom air return (Upflow application).
- Rotatable inducer allows the flexibility of top or side venting to accommodate installations or added IAQ features (Upflow application).



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			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	% AFUE	H	W	D				Side	Bottom		
(TG9S) Single-Stage 95.5% AFUE Furnaces													
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)

The YORK® Latitude™ Series line includes 33" single-stage residential gas furnaces. Models include:

- (TG8S, TGLS) Single-Stage PSC Multi-position Furnace

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.
- Easily removable base for bottom air return (Upflow application).
- Rotatable inducer allows the flexibility of top or side venting to accommodate installations or added IAQ features (Upflow application).



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			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	% AFUE	H	W	D				Side	Bottom		
(TG8S, TGLS) Single-Stage 80% AFUE Furnaces													
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

PACKAGED COOLING AND HEATING UNITS

LX Series Packaged Heating and Cooling Units

(PCE6, PCG6, PCE4, PCG4) 2 to 5 Tons

The YORK® LX Series packaged cooling and heating units meet the latest energy efficiency requirements with advanced features and a competitive price point for jobs requiring a space-saving design.

Installation and service are easy. Only utility and duct connections are required for installation. To simplify servicing, individual access panels are provided for all major components – compressors, evaporator coils, blower, controls/electric heat kits, filters, etc. Removing these panels allows easy access to the components, such as the blower assembly, to make maintenance and troubleshooting easy.

Special Benefits

- **Small Footprint** – All model sizes use a compact cabinet design in one of two footprints. A small base dimension requires less space on the ground or roof. Field convertible duct connections from side shot to down shot give the installer more flexibility with less inventory.
- **Lower Installation Cost** – Simple power and control wiring connections reduce installation time and costs.
- **Utility Connections Made Easy** – Electric and gas utility access is provided through the bottom or the side of the unit. (A field supplied and field installed electrical disconnect switch must be installed.)
- **Convertible Airflow Design** – If a bottom supply/bottom return application is desired, simply remove the two panels from the bottom of the unit and place them in the side supply/side return duct openings. No panel cutting or accessory panel is required.
- **Corrosion-resistant condensate pan.**
- **Durable Finish** – The cabinet is made of G90 galvanized steel with a powder paint coating for superior appearance and corrosion protection (1,000-hour salt spray tested).
- **Full Perimeter Base Rails** – Easily removable base rails provide a solid foundation for the entire unit and protect the unit during shipment.
- **Top Discharge** – The top-discharge outdoor fan does not disrupt neighboring areas or dry out surrounding vegetation. The upward air flow carries the normal operating noise up and away from the living area.
- **Advanced Fan System** – Long life, permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance. Advanced ECM indoor fan motor is standard.
- **Simple Control Circuit** – Field thermostat wiring connects to color-coded leads using twist-on wire connectors.
- **Protected Compressor** – The compressor is internally protected against high pressure and temperature.
- **Exclusive Coil Design** – Grooved copper tubes and enhanced aluminum fin construction improve heat transfer for maximum efficiency and durability. Indoor coils use tin-coated copper tubing with aluminum fins for effective heat transfer.
- **Electric Heat (PCE6, PCE4)** – Electric heat models handle up to 25kW with staged capacities to handle extreme cold.
- **Gas Heat (PCG6, PCG4)** – Gas heat exchangers use corrosion-resistant, stainless-steel tubular construction backed with a lifetime warranty as standard with registration. Post purge induced draft combustion prolongs heat exchanger life. Spark to burner ignition eliminates pilot assembly. Multi-port in-shot burners require no field adjustment. (All models meet California Low-Nox requirements of 40 ng/joule emission level for Air Quality Management Districts.)



Nominal Capacities

PCE6*	24 to 60 MBH
PCG6*	24 to 60 MBH
PCE4*	24 to 60 MBH
PCG4*	24 to 60 MBH (50–125 MBH Heat Input)

* Single- and Three-Phase

Efficiency Ratings

PCE6	Up to 16 SEER/ 12.5 EER/81% AFUE
PCG6	Up to 16 SEER/ 12.5 EER
	
PCE4	14 SEER/11 EER
PCG4	14 SEER/11 EER/81% AFUE

PCE4 and PCG4 do not meet new energy star.

Limited Warranties (Compressor/Parts/Other)

PCE6	Years/10 Years/ 10 Years Electric Heat
PCG6	10 Years/10 Years/ Lifetime Heat Exchanger*
PCE4	10 Years/10 Years/ 10 Years Electric Heat
PCG4	10 Years/10 Years/ Lifetime Heat Exchanger*

* Lifetime heat exchanger limited warranty if registered within 90 days of installation. Otherwise, warranty reverts to the standard 20-year heat exchanger limited warranty.

PACKAGED COOLING AND HEATING UNITS



LX Series Packaged Heating and Cooling Units

(PCE6, PCG6) 2 to 5 Tons

MODEL	TONS	SEER	EER	COOLING BTUH (NOMINAL)	HEATING BTUH (NOMINAL)
(PCE6) Electric/Electric Packaged Units 208/230-1-60 					
PCE6A2421	2.0	16.0	12.5	24,000	Up to 13k W
PCE6A3021	2.5	16.0	12.5	30,000	Up to 15k W
PCE6B3621	3.0	16.0	12.5	36,000	Up to 15k W
PCE6B4221	3.5	16.0	12.5	42,000	Up to 20 k W
PCE6B4821	4.0	16.0	12.5	48,000	Up to 25k W
PCE6B6021	5.0	16.0	12.0	60,000	Up to 25k W

MODEL	TONS	SEER	EER	AFUE	COOLING BTUH	HEATING BTUH (NOMINAL)
(PCG6) Electric Cooling/Gas Heating Packaged Units 208/230-1-60 						
PCG6A240502X1	2.0	16.0	12.5	81%	24,000	50,000
PCG6A240752X1	2.0	16.0	12.5	81%	24,000	75,000
PCG6A300502X1	2.5	16.0	12.5	81%	30,000	50,000
PCG6 A300752X1	2.5	16.0	12.5	81%	30,000	75,000
PCG6B360652X1	3.0	16.0	12.5	81%	36,000	65,000
PCG6B361002X1	3.0	16.0	12.5	81%	36,000	100,000
PCG6B420652X1	3.5	16.0	12.5	81%	42,000	65,000
PCG6B421002X1	3.5	16.0	12.5	81%	42,000	100,000
PCG6B480652 X1	4.0	16.0	12.5	81%	48,000	65,000
PCG6B481002 X1	4.0	16.0	12.5	81%	48,000	100,000
PCG6B481252 X1	4.0	16.0	12.5	81%	48,000	125,000
PCG6B600652 X1	5.0	16.0	12.0	81%	60,000	65,000
PCG6B601002 X1	5.0	16.0	12.0	81%	60,000	100,000
PCG6B601252 X1	5.0	16.0	12.0	81%	60,000	125,000

MODEL	TONS	SEER	EER	COOLING BTUH	HEATING BTUH
(PCE6) Up-to 16 SEER Three-Phase Electric Cooling/Gas Heating Packaged Units 208/230v and 460v 					
PCE6B3631	3.0	16.0	12.5	36,000	Elec Heat Field Installed
PCE6B4831	4.0	16.0	12.5	48,000	Elec Heat Field Installed
PCE6B6031	5.0	16.0	12.0	60,000	Elec Heat Field Installed

MODEL	TONS	SEER	EER	AFUE	COOLING BTUH	HEATING BTUH (NOMINAL)
(PCG6) Up-to 16 SEER Three-Phase Electric Cooling/Gas Heating Packaged Units 208/230v and 460v 						
PCG6B36	3.0	16.0	12.5	81%	36,000	65 or 100
PCG6B42	3.5	16.0	12.5	81%	42,000	65 or 100
PCG6B48	4.0	16.0	12.5	81%	48,000	65, 100 or 125
PCG6B60	5.0	16.0	12.0	81%	60,000	-

PACKAGED COOLING AND HEATING UNITS

LX Series Packaged Heating and Cooling Units

(PCE4, PCG4) 2 to 5 Tons



MODEL	TONS	SEER	EER	AFUE	COOLING BTUH	HEATING BTUH
(PCG4) Electric Cooling/Gas Heating Packaged Units 208/230-1-60						
PCG4A240502X1A	2.0	14.0	11.0	81%	24,000	50,000
PCG4A240752X1A	2.0	14.0	11.0	81%	24,000	75,000
PCG4A300502X1A	2.5	14.0	11.0	81%	30,000	50,000
PCG4A300752X1A	2.5	14.0	11.0	81%	30,000	75,000
PCG4A360502X1A	3.0	14.0	11.0	81%	36,000	50,000
PCG4A360752X1A	3.0	14.0	11.0	81%	36,000	75,000
PCG4A361002X1A	3.0	14.0	11.0	81%	36,000	100,000
PCG4B420652X1A	3.5	14.0	11.0	81%	42,000	65,000
PCG4B421002X1A	3.5	14.0	11.0	81%	42,000	100,000
PCG4B480652X1A	4.0	14.0	11.0	81%	48,000	65,000
PCG4B481002X1A	4.0	14.0	11.0	81%	48,000	100,000
PCG4B481252X1A	4.0	14.0	11.0	81%	48,000	125,000
PCG4B600652X1A	5.0	14.0	11.0	81%	60,000	65,000
PCG4B601002X1A	5.0	14.0	11.0	81%	60,000	100,000
PCG4B601252X1A	5.0	14.0	11.0	81%	60,000	125,000
(PCE4) Electric Cooling/Electric Heating Packaged Units 208/230-1-60						
PCE4A2421A	2.0	14.0	11.0		24,000	Up to 13kW
PCE4A3021A	2.5	14.0	11.0		30,000	Up to 15kW
PCE4A3621A	3.0	14.0	11.0		36,000	Up to 15kW
PCE4B4221A	3.5	14.0	11.0		42,000	Up to 20kW
PCE4B4821A	4.0	14.0	11.0		48,000	Up to 20kW
PCE4B6021A	5.0	14.0	11.0		60,000	Up to 25kW
(PCG4) Three-Phase Electric Cooling/Gas Heat Packaged Units 208/230v and 460v						
PCG4A36	3.0	14.0	11.0	81%	34.6	50,75,100
PCG4A42	3.5	14.0	11.0	81%	41.0	75,100
PCG4B48	4.0	14.0	11.0	81%	45.5	65,100,125
PCG4B60	5.0	14.0	11.0	81%	52.5	65,100,125
(PCE4) Three-Phase Electric Cooling/Gas Heat Packaged Units 208/230v and 460v						
PCE4A3641	3.0	14.0	11.0	-	34.6	Field Installed Kit Selection
PCE4B4841	4.0	14.0	11.0	-	45.5	Field Installed Kit Selection
PCE4B6041	5.0	14.0	11.0	-	52.5	Field Installed Kit Selection

PACKAGED HEAT PUMPS

**Nominal Capacities**

PHE6*	24 to 60 MBH
PHG6	24 to 60 MBH (50–125 MBH Heat Input)
PHE4*	24 to 60 MBH
PHG4*	24 to 60 MBH (50–125 MBH Heat Input)

* Single- and Three-Phase

Efficiency Ratings

PHE6	Up To 16 SEER/ 12.5 EER/8.2 HSPF
PHG6	16 SEER/12.5 EER/ 8.2 HSPF/81% AFUE
	
PHE4	14 SEER/11 EER/ 8.0 HSPF
PHG4	14 SEER/11 EER/ 8.0 HSPF/81% AFUE

PHE4 and PHG4 do not meet new energy star.

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

PHE6	10 Years/10 Years/ Lifetime Heat Exchanger*
PHG6	10 Years/10 Years/ Lifetime Heat Exchanger*
PHE4	10 Years/10 Years/ Lifetime Heat Exchanger*
PHG4	10 Years/10 Years/ Lifetime Heat Exchanger*

* Lifetime heat exchanger limited warranty if registered within 90 days of installation. Otherwise, warranty reverts to the standard 20-year heat exchanger limited warranty.

LX Series Packaged Heat Pumps

(PHE6, PHG6, PHE4, PHG4) 2 to 5 Tons

LX Series packaged heat pumps meet the latest energy efficiency requirements with advanced features and a competitive price point for jobs requiring a space-saving design.

Installation and service are easy. Only utility and duct connections are required for installation. To simplify servicing, individual access panels are provided for all major components – compressors, evaporator coils, blower, controls/electric heat kits, filters, etc. Removing these panels allows easy access to the components, such as the blower assembly, to make maintenance and troubleshooting easy.

Special Benefits

- **Small Footprint** – All model sizes use a compact cabinet design in one of two footprints. A small base dimension requires less space on the ground or roof. Field convertible duct connections from side shot to down shot give the installer more flexibility with less inventory.
- **Lower Installation Cost** – Simple power and control wiring connections reduce installation time and costs.
- **Utility Connections Made Easy** – Electric and gas utility access is provided through the bottom or the side of the unit. (A field supplied and field installed electrical disconnect switch must be installed.)
- **Convertible Airflow Design** – If a bottom supply/bottom return application is desired, simply remove the two panels from the bottom of the unit and place them in the side supply/side return duct openings. No panel cutting or accessory panel is required.
- **Corrosion-resistant condensate pan.**
- **Durable Finish** – The cabinet is made of G90 galvanized steel with a powder paint coating for superior appearance and corrosion protection (1,000-hour salt spray tested).
- **Full Perimeter Base Rails** – Easily removable base rails provide a solid foundation for the entire unit and protect the unit during shipment.
- **Top Discharge** – The top-discharge outdoor fan does not disrupt neighboring areas or dry out surrounding vegetation. The upward air flow carries the normal operating noise up and away from the living area.
- **Advanced Fan System** – Long life, permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance. Advanced ECM indoor fan motor is standard.
- **Simple Control Circuit** – Field thermostat wiring connects to color-coded leads using twist-on wire connectors.
- **Protected Compressor** – The compressor is internally protected against high pressure and temperature.
- **Exclusive Coil Design** – Grooved copper tubes and enhanced aluminum fin construction improve heat transfer for maximum efficiency and durability. Indoor coils use tin-coated copper tubing with aluminum fins for effective heat transfer.
- **Demand Defrost Controls** – Demand defrost curves are pre-loaded into the demand defrost control for optimized performance.
- **Gas Heat (PHG6 & PHG4)** – Gas heat exchangers use corrosion-resistant, stainless-steel tubular construction backed with a lifetime warranty as standard with registration. Post purge induced draft combustion prolongs heat exchanger life. Spark to burner ignition eliminates pilot assembly. Multi-port in-shot burners require no field adjustment. (All models meet California Low-Nox requirements of 40 ng/joule emission level for Air Quality Management Districts.)

PACKAGED HEAT PUMPS

LX Series Packaged Heat Pumps

(PHE6, PHG6) 2 to 5 Tons



MODEL	TONS	SEER	EER	HSPF	COOLING BTUH (NOMINAL)	HEATING kW (NOMINAL)
(PHE6) Electric Cooling/Gas Heating Packaged Units 208/230-1-60 						
PHE6 A 2421	2.0	16.0	12.5	8.2	24,000	Up to 13k W
PHE6 A 3021	2.5	16.0	12.5	8.2	30,000	Up to 15k W
PHE6B 3621	3.0	16.0	12.5	8.2	36,000	Up to 15k W
PHE6B 4221	3.5	16.0	12.5	8.2	42,000	Up to 20 k W
PHE6B 4821	4.0	16.0	12.5	8.2	48,000	Up to 25k W
PHE6B 6021	5.0	16.0	12.0	8.2	60,000	Up to 25k W

MODEL	TONS	SEER	EER	HSPF	COOLING BTUH	HEATING BTUH
(PHE6) Up-to 16 SEER Three-Phase Heat Pump/Gas Heating Packaged Units 208/230v and 460v 						
PHE6B36	3.0	16.0	12.5	8.2	36,000	Elec Heat Field Installed
PHE6B48	4.0	16.0	12.5	8.2	48,000	Elec Heat Field Installed
PHE6B60	5.0	16.0	12.0	8.2	60,000	Elec Heat Field Installed

MODEL	TONS	SEER	EER	HSPF	AFUE	COOLING BTUH	HEATING BTUH
(PHG6) Heat Pump/Gas Heating Packaged Units 208/230-1-60 							
PHG6A24	2.0	16.0	12.5	8.2	81%	23,400	22,200
PHG6A30	2.5	16.0	12.5	8.2	81%	29,000	27,200
PHG6B36	3.0	16.0	12.5	8.2	81%	36,400	33,800
PHG6B42	3.5	16.0	12.5	8.2	81%	42,500	38,000
PHG6B48	4.0	16.0	12.5	8.2	81%	47,500	45,500
PHG6B60	5.0	16.0	12.5	8.2	81%	57,500	56,000

PACKAGED HEAT PUMPS



LX Series Packaged Heat Pumps

(PHE4, PHG4) 2 to 5 Tons

MODEL	TONS	SEER	EER	HSPF		COOLING BTUH	HEATING kW
(PHE4) Heat Pump Packaged Units 208/230-1-60							
PHE4A2421A	2.0	14.0	11.0	8.0		24,000	Up to 13kW
PHE4A3021A	2.5	14.0	11.0	8.0		30,000	Up to 15kW
PHE4B36201A	3.0	14.0	11.0	8.0		36,000	Up to 15kW
PHE4B4221A	3.5	14.0	11.0	8.0		42,000	Up to 20kW
PHE4B4821A	4.0	14.0	11.0	8.0		48,000	Up to 20kW
PHE4B6021A	5.0	14.0	11.0	8.0		60,000	Up to 25kW
MODEL	TONS	SEER	EER	HSPF	AFUE	COOLING BTUH	HEATING BTUH
(PHG4) Heat Pump/Gas Heating Packaged Units 208/230-1-60							
PHG4A240502X1A	2.0	14.0	11.0	8.0	81%	24,000	50,000
PHG4A240752X1A	2.0	14.0	11.0	8.0	81%	24,000	75,000
PHG4A300502X1A	2.5	14.0	11.0	8.0	81%	30,000	50,000
PHG4A300752X1A	2.5	14.0	11.0	8.0	81%	30,000	75,000
PHG4B360652X1A	3.0	14.0	11.0	8.0	81%	36,000	65,000
PHG4B361002X1A	3.0	14.0	11.0	8.0	81%	36,000	100,000
PHG4B420652X1A	3.5	14.0	11.0	8.0	81%	42,000	65,000
PHG4B421002X1A	3.5	14.0	11.0	8.0	81%	42,000	100,000
PHG4B480652X1A	4.0	14.0	11.0	8.0	81%	48,000	65,000
PHG4B481002X1A	4.0	14.0	11.0	8.0	81%	48,000	100,000
PHG4B481252X1A	4.0	14.0	11.0	8.0	81%	48,000	125,000
PHG4B600652X1A	5.0	14.0	11.0	8.0	81%	60,000	65,000
PHG4B601002X1A	5.0	14.0	11.0	8.0	81%	60,000	100,000
PHG4B601252X1A	5.0	14.0	11.0	8.0	81%	60,000	125,000

PACKAGED HEAT PUMPS

LX Series Packaged Heat Pumps

(PHE4) 2 to 5 Tons



MODEL	TONS	SEER	EER	HSPF	Cooling BTUH	Heating BTUH
(PHE4) Three-Phase Heat Pump / Gas Heating Packaged Units 230v and 460v						
PHE4B36	3.0	14.0	11.0	8.0	35.8	Field Installed Kit Selection
PHE4B48	4.0	14.0	11.0	8.0	47.0	Field Installed Kit Selection
PHE4B60	5.0	14.0	11.0	8.0	58.0	Field Installed Kit Selection

PACKAGE COOLING AND HEATING UNITS

**Nominal Capacities**

ZE 36–60 MBH

Efficiency Ratings

ZE 14 SEER/11.8–12.0 EER

**Limited Warranties****(Heat Exchanger/
Compressor/Other Parts)**ZE 10 Years/5 Years/1 Year¹

1. 5-year electric strip heater.

Sunline™ Rooftop Package Units**(ZE) 3, 4 and 5 Tons**

Available in cooling only, cooling with electric heat 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 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 epoxy-coated evaporator and condenser coils. Honeywell, Novar®, Verasys™ and CPC BAS unit controls are also available.

Special Benefits

- Option of the innovative Smart Equipment or Simplicity® Lite control boards — see Smart Equipment pages for details.
- Compatible with our Verasys™ plug-and-play control solution for enhanced performance. Featuring real-time access to critical information, integrated building system operational data and seamless connection to mechanical and electrical equipment.
- 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 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 sensor is available.
- 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.

PACKAGE COOLING AND HEATING UNITS

Sunline™ Rooftop Package Units
(ZE) 3, 4 and 5 Tons



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

Model	AHRI Ratings (net)			Heating Performance			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	
(ZE) Gas/Electric Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards													
ZE036H05	35.5	14.0	(12.0)	50.0	40.0	81.0	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	540
ZE036H10	35.5	14.0	(12.0)	100.0	80.0	81.0	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	540
ZE036N07	35.5	14.0	(12.0)	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	540
ZE036N11	35.5	14.0	(12.0)	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	540
ZE048H07	47.5	14.0	(12.0)	75.0	60.0	81.0	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	668
ZE048H12	47.5	14.0	(12.0)	125.0	100.0	81.0	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	668
ZE048N07	47.5	14.0	(12.0)	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	668
ZE048N12	47.5	14.0	(12.0)	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	668
ZE060H10	57.0	14.0	(11.8)	100.0	80.0	81.0	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	702
ZE060H12	57.0	14.0	(11.8)	125.0	100.0	81.0	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	702
ZE060N07	57.0	14.0	(11.8)	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	702
ZE060N12	57.0	14.0	(11.8)	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	702
Model	AHRI Ratings (net)			Heating Performance			Bottom Supply Air Opening (inches)	Bottom Return Air Opening (inches)	Filter Size (inches)	Dimensions (inches)			Approximate Operating Weight (lbs.)
	MBH	SEER	(EER)	230V	460V	575V				H	W	D	
(ZE) Electric/Electric Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards													
ZE036E	35.5	14.0	(12.0)	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	498
ZE048E	47.5	14.0	(12.0)	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	626
ZE060E	57.0	14.0	(11.8)	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	660
Model	AHRI Ratings (net)			Bottom Supply Air Opening (inches)	Bottom Return Air Opening (inches)	Filter Size (inches)	Dimensions (inches)			Approximate Operating Weight (lbs.)			
	MBH	SEER	(EER)				H	W	D				
(ZE) Cooling Only Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards													
ZE036C00	35.5	14.0	(12.0)	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			
ZE048C00	47.5	14.0	(12.0)	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	598			
ZE060C00	57.0	14.0	(11.8)	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	632			

PACKAGE COOLING AND HEATING UNITS

**Nominal Capacities**

ZX	72-150 MBH
ZY	36-120 MBH
ZQ	36-60 MBH

Efficiency Ratings

ZY	15-15.4 SEER/11.5-12.2 EER
ZQ	14 SEER/12-12.2 EER



ZX	10.8-11.2 EER
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Limited Warranties

(Heat Exchanger/
Compressor/Other Parts)

ZX/ZY/ZQ	10 Years/5 Years/1 Year
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Direct Fit™ Rooftop Package Units

(ZX) 6 to 12.5 Tons

(ZY) 3 to 10 Tons

(ZQ) 3 to 5 Tons

The new YORK® Direct Fit™ 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® Direct Fit™ 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 Direct Fit™ packaged products not only saves time, but money on installation costs.

Features like an 11.2 EER/12.9 IEER (6-12.5 tons) rating, 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 Direct Fit™ 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® Direct Fit™ line of packaged units is designed to match up directly with select competitor electrical, control and gas connections, thus reducing job cost and time.
- **Smart Equipment**—The new generation of UPG control is provided as a standard component on the Direct Fit™ packaged unit that provides the reliability and ease of use found in our line of controls — see Smart Equipment pages for details.
- **Compatible with our Verasys™ plug-and-play control solution** for enhanced performance. Featuring real-time access to critical information, integrated building system operational data and seamless connection to mechanical and electrical equipment.
- **Advanced Control Features**—Smart Equipment 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 Smart Equipment.
- **Rigid, Sturdy Construction**—The YORK® Direct Fit™ 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 AHUs 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.
- **Powder-paint 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 Smart Equipment. 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 Direct Fit™ 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 electric heat, economizers, manual OA dampers, power exhaust, head pressure/low ambient kits (below 0°F or process applications), propane conversion, high-altitude conversion kits, alternate motors and drives along with other field installed options.
- **Warranty**—The Direct Fit™ 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.

PACKAGE COOLING AND HEATING UNITS

Direct Fit™ Rooftop Package Units

(ZX) 6 to 12-1/2 Tons

(ZY) 3 to 10 Tons

(ZQ) 3 to 5 Tons



Model	Ton	Type	AHRI Net Cooling Capacity (BTUH)	Gas Heating Input (Mbh)			EER	(SEER) IEER ¹	CFM	Operating Weight (lbs.)
				Low	Med	High				
(ZX) Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards										
ZX07	6	A/C w/GAS HEAT (first stage)	69,000	-	-	100	11.0	11.9	2,300	646
		A/C w/GAS HEAT (second stage)	69,000	70	114	145	11.0	11.9	2,300	646
		A/C COOLING ONLY	69,000				11.2	12.1	2,300	592
ZX08*	7.5	A/C w/GAS HEAT (first stage)	85,000	90	125	176	11.0	11.5	2,900	893
		A/C w/GAS HEAT (second stage)	85,000	125	180	220	11.0	11.5	2,900	893
		A/C COOLING ONLY	85,000				11.2	11.7	2,900	791
ZX09*	8.5	A/C w/GAS HEAT (first stage)	99,000	90	125	176	11.0	11.7	3,300	954
		A/C w/GAS HEAT (second stage)	99,000	125	180	220	11.0	11.7	3,300	954
		A/C COOLING ONLY	99,000				11.2	11.9	3,300	852
ZX12*	10	A/C w/GAS HEAT (first stage)	116,000	125	176	200	11.0	12.5	3,400	985
		A/C w/GAS HEAT (second stage)	116,000	180	220	250	11.0	12.5	3,400	985
		A/C COOLING ONLY	116,000				11.2	12.7	3,400	879
ZX14*	12.5	A/C w/GAS HEAT (first stage)	135,000	125	176	200	10.8	11.0	4,000	1,047
		A/C w/GAS HEAT (second stage)	135,000	180	220	250	10.8	11.0	4,000	1,047
		A/C COOLING ONLY	135,000				11.0	11.2	4,000	941
(ZY) Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards										
ZY04	3	A/C w/GAS HEAT (first stage)	36,000	49	82	-	12.0	(15.0)	1,200	527
		A/C w/GAS HEAT (second stage)	36,000	70	112	-	12.0	(15.0)	1,200	527
		A/C COOLING ONLY	36,000				12.0	(15.0)	1,200	481
ZY05	4	A/C w/GAS HEAT (first stage)	49,000	49	82	100	12.0	(15.4)	1,600	618
		A/C w/GAS HEAT (second stage)	49,000	70	112	145	12.0	(15.4)	1,600	618
		A/C COOLING ONLY	49,000				12.0	(15.4)	1,600	564
ZY06	5	A/C w/GAS HEAT (first stage)	58,000	49	82	100	12.0	(15.2)	1,600	636
		A/C w/GAS HEAT (second stage)	58,000	70	112	145	12.0	(15.2)	1,600	636
		A/C COOLING ONLY	58,000				12.0	(15.2)	1,600	582
ZY07	6	A/C w/GAS HEAT (first stage)	72,000	57	90	110	12.0	12.7	2,400	804
		A/C w/GAS HEAT (second stage)	72,000	72	125	150	12.0	12.7	2,400	804
		A/C COOLING ONLY	72,000				12.2	12.9	2,400	734
ZY08*	7.5	A/C w/GAS HEAT (first stage)	89,000	90	125	176	12.0	12.7	2,900	980
		A/C w/GAS HEAT (second stage)	89,000	125	180	220	12.0	12.7	2,900	980
		A/C COOLING ONLY	89,000				12.2	12.9	2,900	878
ZY09*	8.5	A/C w/GAS HEAT (first stage)	98,000	90	125	176	12.0	12.7	3,300	980
		A/C w/GAS HEAT (second stage)	98,000	125	180	220	12.0	12.7	3,300	980
		A/C COOLING ONLY	98,000				12.2	12.9	3,300	878
ZY12*	10	A/C w/GAS HEAT (first stage)	116,000	125	176	200	11.5	12.7	3,200	1,008
		A/C w/GAS HEAT (second stage)	116,000	180	220	250	11.5	12.7	3,200	1,008
		A/C COOLING ONLY	116,000				11.7	12.9	3,200	902
(ZQ) Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards										
ZQ04	3	A/C w/GAS HEAT (Second/First Stage)	35,000	70	112/82	-	12.2	(14.0)	1,200	498
		A/C COOLING ONLY	35,000	-	-	-	12.2	(14.0)	1,200	450
ZQ05	4	A/C w/GAS HEAT (Second/First Stage)	48,000	70	112	145/100	12.0	(14.0)	1,575	538
		A/C COOLING ONLY	48,000	-	-	-	12.0	(14.0)	1,575	487
ZQ06	5	A/C w/GAS HEAT (Second/First Stage)	58,500	70	112	145/100	12.1	(14.1)	1,950	615
		A/C COOLING ONLY	58,500	-	-	-	12.1	(14.1)	1,950	566

* Available only as two-stage units .

1. IEER values up to 14.6 (ZX) and 14.8 (ZY) available with the IntelliSpeed™ option.

PACKAGE COOLING AND HEATING UNITS

**Nominal Capacities****ZF** 78–150 MBH**Efficiency Ratings****ZF** 11.0–11.2 EER/12.1–14.4 IEER**Limited Warranties**
(Heat Exchanger/
Compressor/Other Parts)**ZF** 10 Years/5 Years/1 Year¹¹. 5-year electric heat warranty.**Predator™ Entry-Level Efficiency Rooftop Package Units**
(ZF) 6.5 to 12.5 Tons

The YORK® Predator™ line 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. Two compressors and independent refrigerant circuits ensure reliability.

Special Benefits

- All model sizes share a common footprint for on-site flexibility.
- Smart Equipment—The new generation of UPG control is provided as a standard component on the Predator™ packaged unit that provides the reliability and ease of use found in our line of controls — see Smart Equipment pages for details.
- Compatible with our Verasys™ plug-and-play control solution for enhanced performance. Featuring real-time access to critical information, integrated building system operational data and seamless connection to mechanical and electrical equipment.
- 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, is available.
- 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.
- Constant (CV), multiple-speed (IntelliSpeed™) and 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).

PACKAGE COOLING AND HEATING UNITS

Predator™ Entry Level Efficiency
Rooftop Packaged Units
(ZF) 6.5to 12.5 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/IEER ¹)	MBH Input	MBH Output	% SSE				H	W	D	
(ZF) Gas/Electric Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards												
ZF078N12	78	(11.2/12.7)	120	96	80	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	970
ZF078N18	78	(11.2/12.7)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	970
ZF090N12	83.5	(11.0/12.2)	120	96	80	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	990
ZF090N18	83.5	(11.0/12.2)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	990
ZF102N12	101	(11.0/12.7)	120	96	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1117
ZF102N18	101	(11.0/12.7)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1117
ZF120N18	118	(11.0/12.1)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1170
ZF120N24	118	(11.0/12.1)	240	192	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1170
ZF150N18	149.5	(10.8/12.0)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	119-7/16	1363
ZF150N24	149.5	(10.8/12.0)	240	192	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	119-7/16	1363
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/IEER ¹)	240V	480V	600V				H	W	D	
(ZF) Electric/Electric Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards												
ZF078E	78	(11.2/12.9)	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	909
ZF090E	83.5	(11.2/12.2)	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	909
ZF102E	101	(11.2/12.9)	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	1056
ZF120E	118	(11.2/12.1)	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	1109
ZF150E	149.5	(11.0/12.4)	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	1302
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			
(ZF) Cooling Only Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards												
ZF078C00	78	(11.2)	12.9	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	860		
ZF090C00	83.5	(11.2)	12.2	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	880		
ZF102C00	101	(11.2)	12.9	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1007		
ZF120C00	118	(11.2)	12.1	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1060		
ZF150C00	149.5	(11.0)	12.4	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	119-7/16	1253		

1. IEER values up to 14.4 available with the IntelliSpeed™ option.

PACKAGE COOLING AND HEATING UNITS

**Nominal Capacities**

ZH 36–150 MBH

Efficiency Ratings

ZH 14 SEER/11.8 EER
(3–5 Tons)

ZH 11.5–11.7 EER
12.0–14.8 IEER
(6.5–12.5 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 12.5 Tons

The YORK® Predator™ Mid Efficiency line 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. All 6.5 through 12.5 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.
- Smart Equipment—The new generation of UPG control is provided as a standard component on the Predator™ packaged unit that provides the reliability and ease of use found in our line of controls — see Smart Equipment pages for details.
- Compatible with our Verasys™ plug-and-play control solution for enhanced performance. Featuring real-time access to critical information, integrated building system operational data and seamless connection to mechanical and electrical equipment.
- 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, is available.
- 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.
- Constant (CV), multiple-speed (IntelliSpeed™) and 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 (6.5 – 12.5 ton only).

PACKAGE COOLING AND HEATING UNITS

Predator™ Mid Efficiency Rooftop Package Units
(ZH) 3 to 12.5 Tons



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

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	SEER	(EER/IEER ¹)	MBH Input	MBH Output	% SSE				H	W	D	
(ZH) Gas/Electric Mid Efficiency Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards													
ZH037H06	36	14	(11.8)	60	49	81.5	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	833
ZH037H08	36	14	(11.8)	80	65	81	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	833
ZH037H12	36	14	(11.8)	120	97	81	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	833
ZH049H06	48	14	(11.8)	60	49	81.5	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	873
ZH049H08	48	14	(11.8)	80	65	81	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	873
ZH049H12	48	14	(11.8)	120	97	81	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	873
ZH061H08	58	14	(11.8)	80	65	81	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	974
ZH061H12	58	14	(11.8)	120	97	81	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	974
ZH061H16	58	14	(11.8)	160	129	80.5	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	974
ZH078N12	77	—	(11.5/12.7)	120	96	80	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1020
ZH078N15	77	—	(11.5/12.7)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1020
ZH090N18	88	—	(11.5/12.7)	120	96	80	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1020
ZH090N12	88	—	(11.5/12.7)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1020
ZH102N18	100	—	(11.5/12.7)	120	96	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1157
ZH102N18	100	—	(11.5/12.7)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1157
ZH120N24	118	—	(11.5/12.0)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1200
ZH120N20	118	—	(11.5/12.0)	240	192	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1200
ZH150N15	150	—	(11.5/12.6)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	119-7/16	1390
ZH150N24	150	—	(11.5/12.6)	240	192	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	119-7/16	1390

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	SEER	(EER/IEER ¹)	240V	480V	600V				H	W	D	
(ZH) Electric/Electric Mid Efficiency Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards													
ZH037E	36	14	(11.8)	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	772
ZH049E	48	14	(11.8)	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	812
ZH061E	58	14	(11.8)	6, 9, 15, 20, 24	9, 15, 20, 24	15, 20, 24	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	913
ZH078E	77	—	(11.7/12.9)	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	959
ZH090E	88	—	(11.7/12.9)	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	959
ZH102E	102	—	(11.7/12.9)	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	1096
ZH120E	120	—	(11.7/12.0)	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	1139
ZH150E	150	—	(11.7/12.8)	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	1329

1. IEER values up to 14.0 available with the IntelliSpeed™ option.

PACKAGE COOLING AND HEATING UNITS



Predator™ Mid Efficiency Rooftop Package Units

(ZH) 3 to 12.5 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 ¹				H	W	D	
(ZH) Cooling Only Mid Efficiency Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards 											
ZH037C00	36	14	(11.8)	—	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	723
ZH049C00	48	14	(11.8)	—	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	763
ZH061C00	58	14	(11.8)	—	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	864
ZH078C00	77	—	(11.7)	12.9	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	910
ZH090C00	88	—	(11.7)	12.9	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	910
ZH102C00	100	—	(11.7)	12.9	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1047
ZH120C00	118	—	(11.7)	12.0	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1090
ZH150C00	150	—	(11.7)	12.8	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	119-7/16	1280

1. IEER values up to 14.0 available with the IntelliSpeed™ option.

PACKAGE COOLING AND HEATING UNITS

Predator™ High Efficiency Rooftop Package Units

(ZJ) 3 to 12.5 Tons

The YORK® Predator™ High Efficiency line 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. All 6.5 through 12.5 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.
- Smart Equipment—The new generation of UPG control is provided as a standard component on the Predator™ packaged unit that provides the reliability and ease of use found in our line of controls — see Smart Equipment pages for details.
- Compatible with our Verasys™ plug-and-play control solution for enhanced performance. Featuring real-time access to critical information, integrated building system operational data and seamless connection to mechanical and electrical equipment.
- 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, is available.
- 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.
- Constant (CV), multiple-speed (IntelliSpeed™) and 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 (6.5–12.5 ton only).



Nominal Capacities

ZJ 36–150 MBH

Efficiency Ratings

ZJ 15 SEER/12.2 EER
(3–5 Tons)

ZJ 11.6–12.2 EER /12.8–15.5 IEER
(6.5–12.5 Tons)



Limited Warranties (Heat Exchanger/ Compressor/Other Parts)

ZJ 10 Years/5 Years/1 Year¹

¹ 5-year electric heat warranty.

PACKAGE COOLING AND HEATING UNITS



Predator™ High Efficiency Rooftop Package Units

(ZJ) 3 to 12.5 Tons

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

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	SEER	(EER/IEER ¹)	MBH Input	MBH Output	% SSE				H	W	D	
(ZJ) Gas/Electric High Efficiency Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards 													
ZJ037N06	36	14.5	(12.2)	60	49	81.5	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	850
ZJ037N08	36	14.5	(12.2)	80	65	81	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	850
ZJ037N12	36	14.5	(12.2)	120	97	81	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	850
ZJ049N06	48	15	(12.2)	60	49	81.5	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	885
ZJ049N08	48	15	(12.2)	80	65	81	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	885
ZJ049N12	48	15	(12.2)	120	97	81	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	885
ZJ061N08	60	15	(12.2)	80	65	81	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	880
ZJ061N12	60	15	(12.2)	120	97	81	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	880
ZJ061N16	60	15	(12.2)	160	129	80.5	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	880
ZJ078N12	77	—	(11.8/14.0)	120	96	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1140
ZJ078N18	77	—	(11.8/14.0)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1140
ZJ090N12	90	—	(12.0/13.0)	120	96	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1160
ZJ090N18	90	—	(12.0/13.0)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1160
ZJ102N12	102	—	(12.0/13.0)	120	96	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1170
ZJ102N18	102	—	(12.0/13.0)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1170
ZJ120N18	120	—	(12.0/12.8)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1180
ZJ120N24	120	—	(12.0/12.8)	240	192	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1180
ZJ150N18	150	—	(12.1/13.5)	180	144	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	119-7/16	1390
ZJ150N24	150	—	(12.1/13.5)	240	192	80	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	119-7/16	1390
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	SEER	(EER/IEER ¹)	240V	480V	600V				H	W	D	
(ZJ) Electric/Electric High Efficiency Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards 													
ZJ037E	37	14.5	(12.2)	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	789
ZJ049E	48	15	(12.2)	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	824
ZJ061E	60	15	(12.2)	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	819
ZJ078E	78	—	(12.2/14.0)	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	1079
ZJ090E	90	—	(12.2/13.2)	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	1099
ZJ102E	102	—	(12.2/13.0)	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	1119
ZJ120E	120	—	(12.0/12.9)	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	1119
ZJ150E	150	—	(12.1/13.7)	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	1329

1. IEER values up to 15.2 available with the IntelliSpeed™ option.

PACKAGE COOLING AND HEATING UNITS

Predator™ High Efficiency Rooftop Package Units
(ZJ) 3 to 12.5 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 ¹				H	W	D	
(ZJ) Cooling Only High Efficiency Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards 											
ZJ037C00	36	14.5	(12.2)	—	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	740
ZJ049C00	48	15	(12.2)	—	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	775
ZJ061C00	60	15	(12.2)	—	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	770
ZJ078C00	78	—	(12.2)	14.0	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1030
ZJ090C00	90	—	(12.2)	13.2	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1050
ZJ102C00	102	—	(12.2)	13.0	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1060
ZJ120C00	120	—	(12.0)	12.9	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	89	1070
ZJ150C00	150	—	(12.1)	13.7	24 x 21	27-1/2 x 18	(4) 24 x 20	50-3/4	59	119-7/16	1280

1. IEER values up to 15.2 available with the IntelliSpeed® option.

PACKAGE COOLING AND HEATING UNITS

**Nominal Capacities**

ZT 38–64 MBH

Efficiency Ratings

ZT (3 Ton) 15.95 SEER/13.05 EER

ZT (4 Ton) 17.5 SEER/14.0 EER

ZT (5 Ton) 17.2 SEER/13.5 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 Package Units (ZT) 3 to 5 Tons

Introducing the YORK® Predator™ Ultra high efficiency line, which features up to 17+ SEER/14 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. All units are equipped with a single, two-stage scroll compressor and two-stage, belt-drive, VFD supply fan (InteliSpeed™).

Special Benefits

- All model sizes share a common footprint for on-site flexibility.
- Smart Equipment—The new generation of UPG control is provided as a standard component on the Predator™ packaged unit that provides the reliability and ease of use found in our line of controls — see Smart Equipment pages for details.
- 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, is available.
- 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.

PACKAGE COOLING AND HEATING UNITS

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



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

Model	AHRI Ratings			Heating Performance			Bottom Supply Air Opening (inches)	Bottom Return Air Opening (inches)	2" Filter Size (inches)	Dimensions (inches)			Approximate Operating Weight (lbs.)
	MBH	SEER	(EER)	MBH Input	MBH Output	% SSE				H	W	D	
(ZT) Gas/Electric Ultra-High Efficiency Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards													
ZT037N06	38	15.95	(13.05)	60	49	81.5	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1032
ZT037N08	38	15.95	(13.05)	80	65	81.0	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1032
ZT037N12	38	15.95	(13.05)	120	97	81.0	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1032
ZT049N06	52	17.5	(14.0)	60	49	81.5	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1070
ZT049N08	52	17.5	(14.0)	80	65	81.0	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1070
ZT049N12	52	17.5	(14.0)	120	97	81.0	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1070
ZT061N08	64	17.2	(13.5)	80	65	81.0	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1078
ZT061N12	64	17.2	(13.5)	120	97	81.0	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1078
ZT061N16	64	17.2	(13.5)	160	129	80.5	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1078

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	
(ZT) Electric/Electric Ultra-High Efficiency Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards													
ZT037E	38	15.95	(13.05)	3, 6, 9, 15	3, 6, 9, 15	9, 15	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	971
ZT049E	52	17.5	(14.0)	6, 9, 15, 20	6, 9, 15, 20	9, 15, 20	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1009
ZT061E	64	17.2	(13.5)	6, 9, 15, 20, 24	6, 9, 15, 20, 24	9, 15, 20, 24	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	1017

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

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	
(ZT) Cooling Only Ultra-High Efficiency Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards											
ZT037C00	38	15.95	(13.05)	—	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	922
ZT049C00	52	17.5	(14.0)	—	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	960
ZT061C00	64	17.2	(13.5)	—	24 x 21	27-1/2 x 18	(4) 24 x 16	42	59	89	968

PACKAGE COOLING AND HEATING UNITS

**Nominal Capacities**

ZR 36–150 MBH

Efficiency Ratings

ZR Up to 14.7 SEER/12.2 EER
(3–5 Tons)

ZR 11.0–11.2 EER/11.4–14.0 IEER
(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™ Package Rooftop Units

(ZR) 3 to 12.5 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. 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.
- All model sizes share a common footprint for on-site flexibility.
- Smart Equipment—The new generation of UPG control is provided as a standard component on the Predator™ packaged unit that provides the reliability and ease of use found in our line of controls — see Smart Equipment pages for details.
- Compatible with our Verasys™ plug-and-play control solution for enhanced performance. Featuring real-time access to critical information, integrated building system operational data and seamless connection to mechanical and electrical equipment.
- 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, is available.
- Constant (CV), multiple-speed (IntelliSpeed™) and 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 (6.5 – 12.5 ton only).

PACKAGE COOLING AND HEATING UNITS



Predator™ MagnaDRY™ Package Rooftop Units
(ZR) 3 to 12.5 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/IEER ¹)	MBH Input	MBH Output	% SSE				H	W	D	
(ZR) Gas/Electric Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards												
ZR037H06*	35.5	(12.2)	60	49	81.5	24 x 21	27-1/2 x 18	(4) 25 x 16	42	59	89	977
ZR037H08*	35.5	(12.2)	80	65	81	24 x 21	27-1/2 x 18	(4) 25 x 16	42	59	89	977
ZR037H12*	35.5	(12.2)	120	97	81	24 x 21	27-1/2 x 18	(4) 25 x 16	42	59	89	977
ZR049H06*	46.9	(12.1)	60	49	81.5	24 x 21	27-1/2 x 18	(4) 25 x 16	42	59	89	990
ZR049H08*	46.9	(12.1)	80	65	81	24 x 21	27-1/2 x 18	(4) 25 x 20	42	59	89	990
ZR049H12*	46.9	(12.1)	120	97	81	24 x 21	27-1/2 x 18	(4) 25 x 20	42	59	89	990
ZR061H08*	58	(12.1)	80	65	81	24 x 21	27-1/2 x 18	(4) 25 x 20	42	59	89	977
ZR061H12*	58	(12.1)	120	97	81	24 x 21	27-1/2 x 18	(4) 25 x 20	42	59	89	977
ZR061H16*	58	(12.1)	160	129	80.5	24 x 21	27-1/2 x 18	(4) 25 x 20	42	59	89	977
ZR078N12	78	(11.2/12.5)	120	96	80	24 x 21	27-1/2 x 18	(4) 25 x 20	42	59	89	1067
ZR078N18	78	(11.2/12.5)	180	144	80	24 x 21	27-1/2 x 18	(4) 25 x 16	42	59	89	1067
ZR090N12	87	(11.2/12.5)	120	96	80	24 x 21	27-1/2 x 18	(4) 25 x 16	42	59	89	1075
ZR090N18	87	(11.2/12.5)	180	144	80	24 x 21	27-1/2 x 18	(4) 25 x 16	42	59	89	1075
ZR102N12	100	(11.2/12.2)	120	96	80	24 x 21	27-1/2 x 18	(4) 25 x 20	50-3/4	59	89	1310
ZR102N18	100	(11.2/12.2)	180	144	80	24 x 21	27-1/2 x 18	(4) 25 x 20	50-3/4	59	89	1310
ZR120N18	118	(11.2/11.4)	180	144	80	24 x 21	27-1/2 x 18	(4) 25 x 20	50-3/4	59	89	1310
ZR120N24	118	(11.2/11.4)	240	192	80	24 x 21	27-1/2 x 18	(4) 25 x 20	50-3/4	59	89	1310
ZR150N18	150	(11.0/11.4)	180	144	80	24 x 21	27-1/2 x 18	(4) 25 x 20	50-3/4	59	119-7/16	1575
ZR150N24	150	(11.0/11.4)	240	192	80	24 x 21	27-1/2 x 18	(4) 25 x 20	50-3/4	59	119-7/16	1575

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/IEER ¹)	240V	480V	600V				H	W	D	
(ZR) Electric/Electric Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards												
ZR037E*	35.5	(12.2)	3, 6, 9, 15	3, 6, 9, 15	9, 15	24 x 21	27-1/2 x 18	(4) 25 x 16	42	59	89	916
ZR049E*	46.9	(12.1)	6, 9, 15, 20	6, 9, 15, 20	9, 15, 20	24 x 21	27-1/2 x 18	(4) 25 x 16	42	59	89	929
ZR061E*	58	(12.1)	6, 9, 15, 20, 24	6, 9, 15, 20, 24	9, 15, 20, 24	24 x 21	27-1/2 x 18	(4) 25 x 16	42	59	89	916
ZR078E	78	(11.2/12.5)	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	1006
ZR090E	87	(11.2/12.5)	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	1014
ZR102E	102	(11.2/12.4)	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	1249
ZR120E	118	(11.2/11.4)	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	1249
ZR150E	150	(11.0/11.4)	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	1514

*This model meets requirements for ENERGY STAR® qualification.
1. IEER values up to 14.0 available with the IntelliSpeed™ option

PACKAGE COOLING AND HEATING UNITS



Predator™ MagnaDRY™ Package Rooftop Units (ZR) 3 to 12.5 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 ¹				H	W	D	
(ZR) Cooling Only Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards										
ZR037C00	37	(12.2)	14.7	24 x 21	27-1/2 x 18	(2) 24 x 16	42	59	89	867
ZR049C00	49	(12.1)	14.5	24 x 21	27-1/2 x 18	(2) 24 x 16	42	59	89	880
ZR061C00	61	(12.1)	14.2	24 x 21	27-1/2 x 18	(2) 24 x 16	42	59	89	867
ZR078C00	78	(11.2)	12.5	24 x 21	27-1/2 x 18	(4) 25 x 16	42	59	89	957
ZR090C00	88	(11.2)	12.5	24 x 21	27-1/2 x 18	(4) 25 x 16	42	59	89	965
ZR102C00	102	(11.2)	12.4	24 x 21	27-1/2 x 18	(4) 25 x 20	50-3/4	59	89	1200
ZR120C00	118	(11.2)	11.4	24 x 21	27-1/2 x 18	(4) 25 x 20	50-3/4	59	89	1200
ZR150C00	150	(11.0)	11.4	24 x 21	27-1/2 x 18	(4) 25 x 20	50-3/4	59	119-7/16	1465

1. IEER values up to 14.0 available with the IntelliSpeed™ option.

PACKAGE COOLING AND HEATING UNITS

Sunline™ Rooftop Package Units

(ZF) 15 to 25 Tons

Available in cooling only and cooling with gas heat, these package units have ultra-high cooling efficiencies, and the gas models have impressive heating 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 epoxy-coated evaporator and condenser coils. Smart Equipment and Verasys™ controls along with Honeywell, Novar®, and CPC BAS unit controls are also available.

Special Benefits

- Smart Equipment—The new generation of UPG control is provided as a standard component on the Sunline™ packaged unit that provides the reliability and ease of use found in our line of controls — see Smart Equipment pages for details.
- Compatible with our Verasys™ plug-and-play control solution for enhanced performance. Featuring real-time access to critical information, integrated building system operational data and seamless connection to mechanical and electrical equipment.
- 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, and single- and dual-enthalpy sensors, is available.
- Constant (CV), multiple-speed (IntelliSpeed™) and 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.



Nominal Capacities

ZF 180–300 MBH

Efficiency Ratings

ZF 9.8–11 EER/10.5–13.2 IEER

Limited Warranties

(Heat Exchanger/
Compressor/Other Parts)

ZF 10 Years/5 Years/1 Year¹

¹ 5-year electric strip heater.

PACKAGE COOLING AND HEATING UNITS



Sunline™ Rooftop Package Units

(ZF) 15 to 25 Tons

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

Model	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.)
	MBH	(EER)	IEER ¹	MBH Input	MBH Output	% AFUE	SSE				H	W	D	
(ZF) Gas/Electric Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards														
ZF180N30	166	(10.8)	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
ZF180N40	166	(10.8)	12.1	375	300	—	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
ZF210N30	204	(10.8)	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
ZF210N40	204	(10.8)	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
ZF240N30	240	(9.8)	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
ZF240N40	240	(9.8)	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
ZF300N30	270	(10.0)	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
ZF300N40	270	(10.0)	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

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 ¹				H	W	D	
(ZF) Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards										
ZF180C00	166	(11.0)	12.1	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
ZF210C00	204	(11.0)	11.9	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
ZF240C00	240	(10.0)	11.0	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
ZF300C00	270	(10.0)	10.5	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

1. IEER values up to 13.2 available with the IntelliSpeed™ option.

PACKAGE COOLING AND HEATING UNITS

Sunline™ MAGNUM™ Rooftop Package Units

(ZJ) 15, 17.5, 20 and 25 Tons

Available in cooling only and cooling with gas heat, these packaged units have extremely high cooling efficiencies, and the gas 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 epoxy-coated evaporator and condenser coils. Smart Equipment and Verasys™ controls along with Honeywell, Novar®, and CPC BAS unit controls are also available.

Special Benefits

- Smart Equipment—The new generation of UPG control is provided as a standard component on the Sunline™ packaged unit that provides the reliability and ease of use found in our line of controls — see Smart Equipment pages for details.
- Compatible with our Verasys™ plug-and-play control solution for enhanced performance. Featuring real-time access to critical information, integrated building system operational data and seamless connection to mechanical and electrical equipment.
- 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 1,000-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.
- Constant (CV), multiple-speed (IntelliSpeed™) and 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.



Nominal Capacities

ZJ 180–300 MBH

Efficiency Ratings

ZJ 10.6–12.2 EER/11–14.2 IEER

Limited Warranties (Heat Exchanger/ Compressor/Other Parts)

ZJ 10 Years/5 Years/1 Year¹

1. 5-year electric strip heater.

PACKAGE COOLING AND HEATING UNITS



Sunline™ MAGNUM™ Rooftop Package 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 ¹	MBH Input	MBH Output	% AFUE	% SSE		H	W	D	
(ZJ) MAGNUM™ Gas/Electric Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards												
ZJ180N30	172	(12.2)	13.4	300	240	—	80.0	(12) 12 x 24	52-5/8	92	180-19/32	2609
ZJ180N40	172	(12.2)	13.4	400	320	—	80.0	(12) 12 x 24	52-5/8	92	180-19/32	2609
ZJ210N30	202	(12.1)	13.0	300	240	—	80.0	(12) 12 x 24	52-5/8	92	180-19/32	2665
ZJ210N40	202	(12.1)	13.0	400	320	—	80.0	(12) 12 x 24	52-5/8	92	180-19/32	2665
ZJ240N30	242	(11.0)	12.0	300	240	—	80.0	(12) 12 x 24	52-5/8	92	180-19/32	2697
ZJ240N40	242	(11.0)	12.0	400	320	—	80.0	(12) 12 x 24	52-5/8	92	180-19/32	2697
ZJ300N30	280	(10.6)	11.0	300	240	—	80.0	(12) 12 x 24	52-5/8	92	180-19/32	2783
ZJ300N40	280	(10.6)	11.0	400	320	—	80.0	(12) 12 x 24	52-5/8	92	180-19/32	2783
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 ¹				H	W	D			
(ZJ) MAGNUM™ Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards												
ZJ180C00	172	(12.2)	13.4	22-1/2 x 35-5/8	32-7/8 x 35-5/8	(12) 12 x 24	52-5/8	92	180-19/32	2609		
ZJ210C00	202	(12.1)	13.0	22-1/2 x 35-5/8	32-7/8 x 35-5/8	(12) 12 x 24	52-5/8	92	180-19/32	2665		
ZJ240C00	242	(11.0)	12.0	22-1/2 x 35-5/8	32-7/8 x 35-5/8	(12) 12 x 24	52-5/8	92	180-19/32	2697		
ZJ300C00	280	(10.6)	11.0	22-1/2 x 35-5/8	32-7/8 x 35-5/8	(12) 12 x 24	52-5/8	92	180-19/32	2783		

1. IEER values up to 14.2 available with the IntelliSpeed™ option.

PACKAGE COOLING AND HEATING UNITS

Sunline™ MagnaDRY™ Rooftop Package Units

(ZR) 15 to 25 Tons

YORK® Sunline™ MagnaDRY™ Hot Gas Reheat units are convertible package 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.
- Smart Equipment—The new generation of UPG control is provided as a standard component on the Sunline™ packaged unit that provides the reliability and ease of use found in our line of controls — see Smart Equipment pages for details.
- Compatible with our Verasys™ plug-and-play control solution for enhanced performance. Featuring real-time access to critical information, integrated building system operational data and seamless connection to mechanical and electrical equipment.
- 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®, Verasys™ 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, is available.
- Constant (CV), multiple-speed (IntelliSpeed™) and 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.



Nominal Capacities

ZR 180–300 MBH

Efficiency Ratings

ZR 10.0–11.2 EER/10.3–13.2 IEER

Limited Warranties

(Heat Exchanger/
Compressor/Other Parts)

ZR 10 Years/5 Years/1 Year¹

¹ 5-year electric strip heater.

PACKAGE COOLING AND HEATING UNITS



Sunline™ MagnaDRY™ Rooftop Package 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 ¹				H	W	D	
(ZR) MagnaDRY™ Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards										
ZR180C00	180	(11.2)	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	228	(11.0)	11.9	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	(10.0)	10.3	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	
(ZR) MagnaDRY™ Gas/Electric Rooftop Package Units Meet or Exceed ASHRAE 90.1 Standards												
ZR180N30	180	(11.2)	12.2	300	240	—	80.0	(4) 16 x 25 / (4) 16 x 20	52-5/8	92	180-19/32	2360
ZR180N40	180	(11.2)	12.2	400	320	—	80.0	(4) 16 x 25 / (4) 16 x 20	52-5/8	92	180-19/32	2360
ZR240N30	228	(11.0)	11.9	300	240	—	80.0	(4) 16 x 25 / (4) 16 x 20	52-5/8	92	180-19/32	2660
ZR240N40	228	(11.0)	11.9	400	320	—	80.0	(4) 16 x 25 / (4) 16 x 20	52-5/8	92	180-19/32	2660
ZR300N30	288	(10.0)	10.3	300	240	—	80.0	(4) 16 x 25 / (4) 16 x 20	52-5/8	92	180-19/32	2760
ZR300N40	288	(10.0)	10.3	400	320	—	80.0	(4) 16 x 25 / (4) 16 x 20	52-5/8	92	180-19/32	2760

1. IEER values up to 13.2 available with the IntelliSpeed® option

PACKAGE 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.
- Extended flue connection on gas units eliminates the possibility of corrosion in the furnace heat exchanger.
- Constant, multiple-speed, single-zone and variable-air volume configurations available.
- 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.
- Optional modulating gas heat (CV units only).
- Optional stainless steel gas heat exchangers provide extended heating section life.
- Standard Smart Equipment control system provides capabilities such as on-board, wireless and internet monitoring, scheduling, setpoint adjustment and troubleshooting. The standard Millennium™ Smart Equipment is field convertible to speak several different communication protocols such as BACNET (MSTP), JCI N2 and ModBUS (RTU).
- Compatible with our Verasys™ plug-and-play control solution for enhanced performance. Featuring real-time access to critical information, integrated building system operational data and seamless connection to mechanical and electrical equipment.
- 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 310–485 MBH

Efficiency Ratings

Z 10.5–10.7 EER/11.0–13.8 IEER

Limited Warranties

(Heat Exchanger/
Compressor/Other Parts)

Z 10 Years/1 Year/1 Year¹

1. 5-year electric strip heater.

PACKAGE 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/IEER ¹)				H	W	D	
(Z) Electric/Electric Large Commercial Rooftop Units Meet or Exceed ASHRAE 90.1 Standards									
Z2E4	310	(10.5/13.8)	71-5/8 x 26	83 x 38-9/16	(4) 16 x 25 / (6) 20 x 25	64	92	240	4450
Z2E8	310	(10.5/13.8)	71-5/8 x 26	83 x 38-9/16	(4) 16 x 25 / (6) 20 x 25	64	92	240	4515
Z2E1	310	(10.5/13.8)	71-5/8 x 26	83 x 38-9/16	(4) 16 x 25 / (6) 20 x 25	64	92	240	4520
Z3E4	380	(10.0/13.5)	71-5/8 x 26	83 x 38-9/16	(4) 16 x 25 / (6) 20 x 25	64	92	255	4645
Z3E8	380	(10.0/13.5)	71-5/8 x 26	83 x 38-9/16	(4) 16 x 25 / (6) 20 x 25	64	92	255	4710
Z3E1	380	(10.0/13.5)	71-5/8 x 26	83 x 38-9/16	(4) 16 x 25 / (6) 20 x 25	64	92	255	4715
Z4E4	485	(10.0/13.6)	71-5/8 x 26	83 x 38-9/16	(4) 16 x 25 / (6) 20 x 25	64	92	255	4825
Z4E8	485	(10.0/13.6)	71-5/8 x 26	83 x 38-9/16	(4) 16 x 25 / (6) 20 x 25	64	92	255	4890
Z4E1	485	(10.0/13.6)	71-5/8 x 26	83 x 38-9/16	(4) 16 x 25 / (6) 20 x 25	64	92	255	4895

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

1. Variable air volume IEER ratings.

PACKAGE 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)		Heating Performance			Bottom Supply Air Opening (inches)	Bottom Return Air Opening (inches)	2" Filter Size (inches)	Dimensions (inches)			Approximate Operating Weight (lbs.)
	MBH	(EER/IEER ¹)	MBH Input	MBH Output	% AFUE				H	W	D	
(Z) Gas/Electric Large Commercial Rooftop Units Meet or Exceed ASHRAE 90.1 Standards												
Z2N3	310	(10.5/13.8)	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
Z2N5	310	(10.5/13.8)	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
Z3N3	380	(10.5/13.5)	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	4785
Z3N5	380	(10.0/13.5)	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	4925
Z4N3	485	(10.0/13.6)	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	4965
Z4N5	485	(10.0/13.6)	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	5105
Z4N8	485	(10.0/13.6)	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	5235

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

1. Variable Air volume IEER ratings.

PACKAGE HEAT PUMPS

**Nominal Capacities**

XN 36–60 MBH

Efficiency Ratings

XN 14 SEER/11–12.0 EER

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

XN 5 Years/1 Year

Sunline™ Package Heat Pumps

(XN) 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 14 SEER XN 036–060 has the option of Simplicity® Lite or Smart Equipment board.

Special Benefits

- Simplicity® Lite or Smart Equipment — see Smart Equipment pages for details.
- Compatible with our Verasys™ plug-and-play control solution for enhanced performance. Featuring real-time access to critical information, integrated building system operational data and seamless connection to mechanical and electrical equipment.
- 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 Smart Equipment Intelli-Comfort™, Nova®®, Honeywell, Verasys™ 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 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.
- Permanently lubricated condenser and evaporator fan motor bearings need no annual maintenance.
- Complete line of field-installed accessories, motorized dampers, power exhaust and economizers with dual-enthalpy sensor kits available.

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

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	
(XN) Package Heat Pump Units Meet or Exceed ASHRAE 90.1 Standards 											
XN036C00	37.0	14.0	(12.0)	36.0	8.0 (3.35)	—	(2) 15 x 20 / (1) 14 x 25	32-5/8	44-7/8	82-1/4	610
XN036E	37.0	14.0	(12.0)	36.0	8.0 (3.35)	5, 7, 10, 15, 20	(2) 15 x 20 / (1) 14 x 25	32-5/8	44-7/8	82-1/4	638
XN048C00	47.0	14.0	(11.8)	44.0	8.0 (3.2)	—	(2) 15 x 20 / (1) 14 x 25	32-5/8	44-7/8	82-1/4	616
XN048E	47.0	14.0	(11.8)	44.0	8.0 (3.2)	5, 7, 10, 15, 20	(2) 15 x 20 / (1) 14 x 25	32-5/8	44-7/8	82-1/4	644
XN060C00	55.4	14.0	(11.0)	51.5	8.0 (3.35)	—	(2) 15 x 20 / (1) 14 x 25	32-5/8	44-7/8	82-1/4	620
XN060E	55.4	14.0	(11.0)	51.5	8.0 (3.35)	5, 7, 10, 15, 20, 30	(2) 15 x 20 / (1) 14 x 25	32-5/8	44-7/8	82-1/4	648

PACKAGE HEAT PUMPS

Direct Fit™ Package Heat Pumps

(XY) 3 to 8.5 Tons

(XX) 6 to 10 Tons

(XQ) 3 to 5 Tons

The YORK® Direct Fit™ Series heat pump commercial rooftop unit combines high-efficiency and advanced economizer controls, designed to match up with select competitive unit footprints used throughout the industry in the last 25–30 years. The YORK® Direct Fit™ rooftop package units can be directly set on many existing roof curbs without the need for a heavy, bulky, expensive adapter curb.

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® Direct Fit™ line of packaged units is designed to match up directly with select competitor electrical, control and gas connections, thus reducing job cost and time.
- New Smart Equipment—The new generation of UPG control is provided as a standard component on the Direct Fit™ packaged unit that provides the reliability and ease of use found in our line of controls — see Smart Equipment pages for details.
- Compatible with our Verasys™ plug-and-play control solution for enhanced performance. Featuring real-time access to critical information, integrated building system operational data and seamless connection to mechanical and electrical equipment.
- Rigid, Sturdy Construction—The YORK® Direct Fit™ 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 AHUs 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.
- Powder-paint 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 meet low leak requirements per ASHRAE 90.1-2010 and controlled directly from Smart Equipment.
- 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—Economizers, power exhaust, smoke detectors, louvered hail guards, convenience outlet, and disconnects available.
- Full Line of Field-Installed Options—Available in cooling only models with field-installed electric heat option.

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



Nominal Capacities

XY	36.4–98 MBH
XX	66.7–116 MBH
XQ	35.6–57 MBH

Efficiency Ratings

XY04–06	15 SEER/12.0–12.5 EER
XY07–09	13.2–16 IEER



XXA7–12	11.0–11.8 EER/ 11.0–13.3 IEER
XQ04–06	14–14.5 SEER/ 12.1–12.25 EER

Limited Warranties (Compressor/Other Parts)

XY	5 Years/1 Year
XX	5 Years/1 Year
XQ	5 Years/1 Year

Model	AHRI Ratings (net)				Heating Capacity			Filter Size (inches)	Dimensions (inches)			Approximate Operating Weight (lbs.)
	MBH	SEER	(EER)	IEER ¹	MBH @ 47°F	HSPF (COP)	Electric Heat Available (kW)		H	W	D	
(XY) Package Heat Pump Units Meet or Exceed ASHRAE 90.1 Standards 												
XYE04	36.4	15.0	(12.5)	—	34.0	8.0 (3.3)	5, 6, 6.5, 8, 10.5, 11.5, 12, 14, 16	(2) 16 x 25 x 2	32.5	48.9	74.1	535
XYE05	47.0	15.0	(12.5)	—	46.0	8.2 (3.6)	5, 6, 6.5, 8, 10.5, 11.5, 12, 14, 16	(4) 16 x 16 x 2	40.6	48.9	74.1	614
XYE06	58.5	15.0	(12.5)	—	55.0	8.2 (3.6)	5, 6, 6.5, 8, 10.5, 11.5, 12, 14, 16	(4) 16 x 16 x 2	40.6	48.9	74.1	653
XYE07	71.0	—	(12.0)	13.2	69.5	(3.4)	6, 6.5, 16, 16.5, 17, 24.8, 25.5, 25.7	(4) 16 x 20 x 2	40.6	61.7	87.2	861
XYE08	88.0	—	(12.1)	14.0	84.0	(3.5)	16, 16.5, 17, 24.8, 27.8, 32, 33, 34, 41.7, 42.4	(4) 20 x 20 x 2	55.3	61.7	87.2	1060
XYE09	98.0	—	(12.0)	13.8	96.5	(3.4)	16, 16.5, 17, 24.8, 27.8, 32, 33, 34, 41.7, 42.4	(4) 20 x 20 x 2	55.3	61.7	87.2	1061

1. IEER values up to 16 available with the IntelliSpeed™ option.

PACKAGE HEAT PUMPS



Direct Fit™ Packaged Heat Pumps

(XX) 6 to 10 Tons

Model	AHRI Ratings (net)				Heating Capacity			Filter Size (inches)	Dimensions (inches)			Approximate Operating Weight (lbs.)
	MBH	SEER	(EER)	IEER ¹	MBH @ 47°F	HSPF (COP)	Electric Heat Available (kW)		H	W	D	
(XX) Package Heat Pump Units Meet or Exceed ASHRAE 90.1 Standards												
XXEA7	66.7	—	(11)	12.7	64.4	(3.5)	6, 10.5, 11.5, 14, 16	16x16x2	40.6	48.9	74.1	652
XXE08	90	—	(11.5)	13.3	84	(3.5)	16, 16.5, 17, 24.8, 27.8, 32, 33, 34, 41.7, 42.4	20x20x2	48.6	61.7	87.2	976
XXE09	102	—	(11.8)	13.1	94	(3.35)	16, 16.5, 17, 24.8, 27.8, 32, 33, 34, 41.7, 42.4	20x20x2	48.6	61.7	87.2	1025
XXE12	116	—	(11)	11.3	108.5	(3.3)	16, 16.5, 17, 24.8, 27.8, 32, 33, 34, 41.7, 42.4	20x20x2	55.3	61.7	87.2	1060

1. IEER values up to 15.1 available with the IntelliSpeed™ option.

PACKAGE HEAT PUMPS

Direct Fit™ Package Heat Pumps
(XQ) 3 to 5 Tons



Model	AHRI Ratings (net)				Heating Capacity			Filter Size (inches)	Dimensions (inches)			Approximate Operating Weight (lbs.)
	MBH	SEER	(EER)	IEER	MBH @ 47°F	HSPF (COP)	Electric Heat Available (kW)		H	W	D	
(XQ) Packaged Heat Pump Units Meet or Exceed ASHRAE 90.1 Standards												
XQE04	35.6	14	(12.1)	N/A	34.2	8.1 (3.25)	6, 6.5, 9.2, 10.5, 11.5, 13.8, 14, 16	16x25x2	32.5	48.9	74.1	529
XQE05	48	14.5	(12.25)	N/A	46.7	8 (3.5)	6, 6.5, 9.2, 10.5, 11.5, 13.8, 14, 16	16x16x2	40.6	48.9	74.1	554
XQE06	57	14.5	(12.25)	N/A	53	8.3 (3.5)	6, 6.5, 10.5, 11.5, 13.8, 14, 16, 23	16x16x2	40.6	48.9	74.1	627

PACKAGE HEAT PUMPS

**Nominal Capacities**

XP 78–148 MBH

Efficiency Ratings

XP 11.0–12.0 EER
10.6–13.5 IEER
3.2–3.4 COP

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

XP 5 Years/1 Year

Predator™ Package Heat Pumps

(XP) 6.5 to 12.5 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. Two compressors and independent refrigeration circuits ensure reliability and are available on all sizes.

Special Benefits

- **Smart Equipment**—The new generation of UPG control is provided as a standard component on the Predator™ packaged unit that provides the reliability and ease of use found in our line of controls — see Smart Equipment pages for details.
- 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.
- All units are assembled and delivered on rigid, full-perimeter base rails, allowing for three-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 pitched roof and removable drain pan.
- Can be ordered practically ready for immediate installation.
- Constant (CV), multiple-speed (IntelliSpeed™) and 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.
- Compatible with our Verasys™ plug-and-play control solution for enhanced performance. Featuring real-time access to critical information, integrated building system operational data and seamless connection to mechanical and electrical equipment.

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

Model	AHRI Ratings (net)			Heating Capacity				Dimensions (inches)			Approximate Operating Weight (lbs.)
	MBH	(EER)	IEER ¹	MBH @ 47°F	HSPF (COP)	Electric Heat Available (kW)	1" or 2" Filter Size (inches)	H	W	D	
(XP) Package Heat Pumps Meet or Exceed ASHRAE 90.1 Standards											
XP078C00	78.0	(12.0)	12.2	75.0	(3.4)	—	(4) 25 x 16	50-3/4	59	89	1080
XP078E	78.0	(12.0)	12.2	75.0	(3.4)	9, 18, 24, 34	(4) 25 x 16	50-3/4	59	89	1129
XP090C00	90.0	(11.4)	12.2	88.0	(3.4)	—	(4) 25 x 16	50-3/4	59	89	1090
XP090E	90.0	(11.4)	12.2	88.0	(3.4)	9, 18, 24, 34	(4) 25 x 16	50-3/4	59	89	1139
XP102C00	100.0	(11.2)	12.4	94.0	(3.4)	—	(4) 25 x 16	50-3/4	59	89	1137
XP102E	100.0	(11.2)	12.4	94.0	(3.4)	9, 18, 24, 34	(4) 25 x 16	50-3/4	59	89	1186
XP120C00	115.0	(11.0)	11.6	106.0	(3.4)	—	(4) 25 x 16	50-3/4	59	89	1135
XP120E	115.0	(11.0)	11.6	106.0	(3.4)	18, 24, 34, 54	(4) 25 x 16	50-3/4	59	89	1184
XP150C00	148.0	(11.0)	10.8	135.0	(3.2)	—	(4) 25 x 16	50-3/4	59	119-7/16	1403
XP150E	148.0	(11.0)	10.8	135.0	(3.2)	18, 24, 34, 54	(4) 25 x 16	50-3/4	59	119-7/16	1452

1. IEER values up to 13.5 available with the IntelliSpeed™ option.

PACKAGE HEAT PUMPS

Sunline™ Package 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 4.5 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 field-installed options only.

Special Benefits

- Smart Equipment—The new generation of UPG control is provided as a standard component on the Sunline™ packaged unit that provides the reliability and ease of use found in our line of controls — see Smart Equipment pages for details.
- Compatible with our Verasys™ plug-and-play control solution for enhanced performance. Featuring real-time access to critical information, integrated building system operational data and seamless connection to mechanical and electrical equipment.
- 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 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, Verasys™ 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 electric heat.
- Constant (CV), multiple-speed (IntelliSpeed™) and 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.



Nominal Capacities

XP 180–240 MBH

Efficiency Ratings

XP 9.5–10.6 EER
9.9–13.2 IEER
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 ¹	MBH @ 47°F	HSPF (COP)	Electric Heat Available (kW)		H	W	D	
(XP) Package Heat Pumps Meet or Exceed ASHRAE 90.1 Standards											
XP180	176	(10.6)	11.8	162.0	(3.24)	—	(4) 25 x 16	52-5/8	92	136-1/4	2140
XP240	240	(9.5)	9.9	240.0	(3.2)	—	(12) 24 x 12	52-5/8	92	180-19/32	2650

1. IEER values up to 13.2 available with the IntelliSpeed™ option.

COMMERCIAL SPLIT SYSTEM EVAPORATOR BLOWERS

**Nominal Capacities**

NC/ND 90–300 MBH

**Limited Warranties
(Other Parts)**

NC/ND 1 Year

Predator™ Split System Evaporator Blowers**(NC/ND) 7.5 to 25 Tons**

The NC/ND line is a flexible performer. Units can be installed in up to 16 different configurations and suspended in various positions. Evaporator blower units are designed with two distinct modules to provide maximum application flexibility. The 7.5–25 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 factory-installed motor of your choice (excludes NC300). The coil module includes a direct expansion coil, 2" throwaway filters, and a rack that can be easily field altered to accept 4" 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.
- 2" throwaway filters.
- Field-adaptable to accept 4" 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.
- Optional IntelliSpeed™, multi-speed (VFD) supply fan offering.

COMMERCIAL SPLIT SYSTEM EVAPORATOR BLOWERS

Predator™ Split System Evaporator Blowers
(NC/ND) 7.5 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				
(NC/ND) Split System Evaporator Blowers										
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 360–600 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 a control volt transformer, blower motor starter and relay, and low-voltage terminal block.
- 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				
(ND) 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

COMMERCIAL SPLIT SYSTEM AIR CONDITIONERS/HEAT PUMPS

Predator™ Split System Air Conditioners/Heat Pumps (YC/YD/PC/PD) 7.5 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 Smart Equipment, engineered for ease of setup and programming, to provide alarm monitoring. Along with Smart Equipment, 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 packaged unit of similar capacity and are much easier to rig and support. These units are also suitable at ground level, because their ample subcooling 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 ensure 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 ASHRAE 90.1 and IECC efficiency standards.
- Available with innovative Smart Equipment offering ease of setup, programming and monitoring — see Smart Equipment pages for details.
- Smart Equipment.
- Inherently protected condenser fan motors.
- 2-pipe and 4-pipe configurations available.
- Five-minute anti-short cycle timer and minimum compressor runtime.
- Standard operation to 40°F. Factory- or field-installed low-ambient VFD control to 0°F.
- Factory-installed disconnects, convenience outlet and epoxy-coated 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, 24v 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
90–300 MBH

Efficiency Ratings

YC/YD/PC/PD
11.2–11.9 EER/12.5–14.6 IEER/
3.3–3.4 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) 7.5 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 ¹)	Liquid Line (inches)	Suction Line (inches)	Dimensions (inches)			Approximate Operating Weight (lbs.)
						H	W	D	
(YC/YD/PC/PD) Split System Air Conditioners/Heat Pumps									
PC090/NC090	92	(11.0)	12.4	5/8	1-1/8	44-1/2	59-1/10	31-9/10	415
PC120/NC120	124	(11.0)	11.4	7/8	1-3/8	50	59-1/10	31-9/10	560
PC180/NC180	180	(10.6)	11.5	7/8	1-5/8	44-1/2	59-1/10	64-1/10	840
PD180/ND180	180	(10.6)	11.5	5/8	1-3/8	44-1/2	59-1/10	64-1/10	835
PD240/ND240	238	(10.6)	11.7	7/8	1-3/8	50	59-1/10	64-1/10	1005
YC090/NC090	94	(11.2)	13.0	5/8	1-1/8	44-1/2	59-1/10	31-9/10	325
YC090/NC120	99	(11.9)	13.5	5/8	1-1/8	44-1/2	59-1/10	31-9/10	325
YC120/NC120	120	(11.2)	14.6	7/8	1-3/8	50	59-1/10	31-9/10	445
YD120/ND120	124	(11.2)	11.2	5/8	1-1/8	50	59-1/10	31-9/10	440
YC150/NC180	150	(11.0)	13.3	7/8	1-3/8	50	59-1/10	31-9/10	445
YD150/ND180	150	(11.0)	13.3	5/8	1-1/8	50	59-1/10	31-9/10	440
YC180/NC180	181	(11.2)	12.2	7/8	1-5/8	44-1/2	59-1/10	64-1/10	675
YD180/ND180	181	(11.2)	11.6	5/8	1-3/8	44-1/2	59-1/10	64-1/10	675
YD180/ND240	190	(11.7)	13.4	5/8	1-3/8	44-1/2	59-1/10	64-1/10	675
YC240/NC240	242	(11.3)	13.6	7/8	1-5/8	50	59-1/10	64-1/10	710
YD240/ND240	242	(11.3)	11.9	5/8	1-3/8	50	59-1/10	64-1/10	710
YC300/NC300	299	(10.2)	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.

1. IEER rating based on IntelliSpeed™ option.

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 300–13000 CFM
(1.5 to 40 tons)

Efficiency Ratings

ERV 63%–73% Effectiveness

**Limited Warranties
(Other Parts)**

ERV 1 Year

UNITIZED ENERGY RECOVERY VENTILATORS



MAXA-MISER® Air Quality Units

(ERV) 2 to 12.5 Tons

Model	Unit Size (tons)	ERV CFM Range	Matching ERV Model	Voltage & Phase	Voltage Code	Nominal ARI Data (Total)			
						CFM	Net Effectiveness		
							Heating	Cooling	
(ERV) Air Quality Units "R" Series Stationary Wheel for Units without Economizers									
ZE036-060 XN036-060 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	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 XP078, 090, 102, 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



Model	Unit Size (tons)	ERV CFM Range	Matching ERV Model	Voltage & Phase	Voltage Code	Nominal ARI Data (Total)				
						CFM	Net Effectiveness			
							Heating	Cooling		
(ERV) 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					
		Z2, Z3, Z4	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-MI\$ER® Air Quality Units
 (ERV) 3 to 12.5 Tons

Model	Unit Size (tons)	ERV CFM Range	Max. CFM Power Exhaust	Matching ERV Model	Voltage & Phase	Voltage Code	Nominal ARI Data (Total)		
							CFM	Net Effectiveness	
								Heating	Cooling
(ERV) Air Quality Units "P" Series Pivoting Wheel for Units with Economizers									
ZE036-060 ZF036-072 ZR036-060 XN036-060 XP036-060	3-5	600-1000	1900	VP011A06H	208/230v-1ph 208/240v-3ph 460v-3ph 575v-3ph	9 2 4 5	900	73%	72%
ZF078-090 ZH037-090 ZJ037-061 ZR037-090	3-7.5	600-1000 1100-1700	1900 3000	VP011B12H VP020B12H	208/230 v-3ph 460v-3ph 575v-3ph 208/230v-3ph 460v-3ph 575v-3ph	2 4 5 2 4 5	900 1600	73% 65%	72% 64%
ZF102-150 ZH102-150 ZJ078-150 ZR102-150 XP078-150	6.5-12.5	600-1000 1100-1700 1500-2200 2200-2800	1900 3000 3450 4200	VP011A12H VP020A12H VP028A12M VP028A12H	208/230v-3ph 460v-3ph 575v-3ph 208/230v-3ph 460v-3ph 575v-3ph 208/230v-3ph 460v-3ph 575v-3ph	2 4 5 2 4 5 2 4 5	900 1600 1950 2600	73% 65% 71% 65%	72% 64% 70% 63%

UNITIZED ENERGY RECOVERY VENTILATORS

MAXA-MISER® Air Quality Units
Stand-alone ERVs



Model	ERV CFM Range	Voltage & Phase	Voltage Code	Nominal ARI Data (Total)				
				CFM	Net Effectiveness			
					Heating	Cooling		
Stand Alone Energy Recovery Ventilator 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		300-1100	208/230-1-60	9	900	73%	72%	
			208/230-3-60	2				
			460-3-60	4				
			575-3-60	5				
VO011			300-1100	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		1200-2000		N/A	N/A	1600	73%	72%
				208/230-3-60	2			
				460-3-60	4			
				575-3-60	5			
VO020			1200-2000	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		1200-2800		N/A	N/A	2000	73%	72%
				208/230-3-60	2			
				460-3-60	4			
				575-3-60	5			
VO028			1200-2800	N/A	N/A	2000	73%	72%
				208/230-3-60	2			
				460-3-60	4			
				575-3-60	5			

UNITIZED ENERGY RECOVERY VENTILATORS



MAXA-MI\$ER® Air Quality Units

Stand-alone ERVs

Model	ERV CFM Range	Voltage & Phase	Voltage Code	Nominal ARI Data (Total)		
				CFM	Net Effectiveness	
					Heating	Cooling
(ERV) 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		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	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	3800	73%	72%
		208/230-3-60	2			
		460-3-60	4			
		575-3-60	5			
VO046		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	5400	73%	72%
		208/230-3-60	2			
		460-3-60	4			
		575-3-60	5			
VO062		N/A	N/A	5400	73%	72%
		208/230-3-60	2			
		460-3-60	4			
		575-3-60	5			

Smart Equipment

Intelligent control is the key to unlocking the full efficiency, reliability and potential of the YORK® Commercial product line. Extensive engineering expertise and years of experience have allowed the creation of Smart Equipment.

With advanced features like the onboard LCD screen that scrolls plain English messages, the days of counting blinking lights and referencing fault code tables for troubleshooting and diagnosis are a thing of the past. Add in easy joystick-operated navigation and scrolling menu parameters, and unit configuration and commissioning becomes simple and user-friendly.

Smart Equipment provides powerful energy-tracking and monitoring capabilities to ensure the entire HVAC system is performing at its peak – cutting energy costs by ensuring optimum performance.

Special Benefits

- Thermostat-ready—No configuration required.
- Plug and Play for additions in the field.
- Factory Configured and Tested—No field programming required.
- USB port to extract data logging.
- Multi-protocol Capability—Native BACnet MS/TP but compatible with MODBUS RTU and N2 with the push of a button in the navigation menu.
- Constant volume (CV), IntelliSpeed™ (Multi-speed), Variable Air Volume (VAV) and single-zone VAV (SZVAV) capabilities are available.
- Humidity Control utilizing MagnaDRY™ hot gas reheat technology available.
- Supply, return and outdoor temperature sensors come standard.
- Economizer controller features CEC Title 24 Compliant Fault Detection and Diagnostics.
- BTL certified.
- Enables the use of the Mobile Access Portal (MAP) Gateway.
- Enables the use of the industry-leading Refrigerant Fault Detection and Diagnostics.



COMMERCIAL COMFORT SYSTEMS



Mobile Access Portal (MAP Gateway)

With the optional MAP Gateway, you can now access Smart Equipment from anywhere using a smartphone, tablet, laptop or remote PC. The MAP Gateway is a pocket-size portable web server that turns the screen of your smart device into the local unit's user interface. And with a built-in web server that supports HTML5-based browsers, the MAP Gateway device doesn't require special app software to view or edit equipment controller configuration parameters, set points, schedules or alarms.

There are two versions available: Portable and Stationary.

Wireless Portable model: Carry it in your pocket. The MAP Gateway easily fits in your tool bag or pocket, and comes with a lanyard for hassle-free carrying to the site.

Stationary model: Mount it on a wall. Place a MAP Gateway on a wall, in a closet or anywhere within the space allowing Wi-Fi® access within the building (no need to access the roof) and an ethernet hardwire connection is available allowing access to the equipment from anywhere in the world over the internet.

Special Benefits

- The Portable and Stationary MAP Gateway devices can transmit its Wi-Fi® signal up to 100' indoors or 300' outside.
- The Stationary MAP Gateway is intended to permanently be wall-mounted in the space, so access to the YORK® HVAC equipment can be obtained without even going on the roof.
- The MAP Gateway device can be connected to a building's ethernet via the RJ-45 cable, thus allowing access to its HVAC units anywhere in the world.
- No special app software is required.

Fault Detection and Diagnostics (FDD)

Today, buildings are being affected by changing occupancy rates, higher utility charges and shifting energy-usage patterns. That makes it difficult to see if buildings and mechanical equipment are meeting their intended efficiencies and performance potential. But getting the most out of rooftop units just got a lot easier, thanks to Fault Detection and Diagnostics (FDD) from YORK®. Available with Smart Equipment and Verasys™, FDD allows contractors to configure, commission and troubleshoot package units much faster and much simpler. Engineers can confirm specifications confidently. Building owners can cut their energy consumption costs and service costs dramatically.

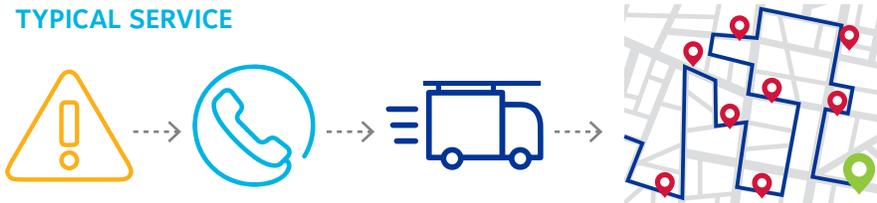
FDD technology uses multiple sensors to constantly monitor refrigeration circuit temperatures and pressures, economizer operation, and outdoor humidity and temperatures. Then patented FDD algorithms process that data to provide detailed alerts if and when issues arise, making it easier to ensure the unit is always performing as specified. FDD also helps provide information to ensure preventive maintenance is done on schedule to keep the equipment performing at its best.

Special Benefits

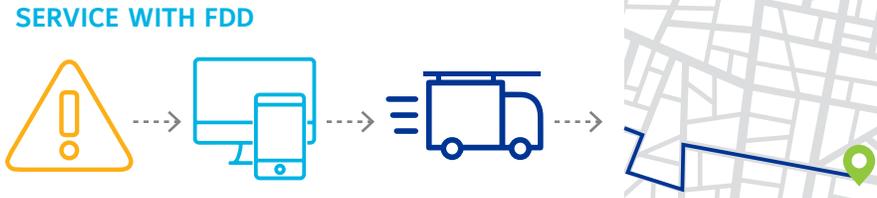
- FDD technology uses multiple sensors to monitor each refrigerant circuit's temperatures and pressures.
- Patented algorithms process the data inputs and provide detailed alerts if and when an issue arises, which makes it easier to ensure the unit is always performing as specified.
- Data trending of pressures, temperatures, superheat, subcool and many other key characteristics can be accessed.
- Provides 35 different types of alerts, including low refrigerant charge, high refrigerant charge, flow restriction, insufficient heat transfer, efficiency index and capacity index.



TYPICAL SERVICE



SERVICE WITH FDD



COMMERCIAL COMFORT SYSTEMS



Verasys™

Now there's a smarter way to reduce costs and increase control of your HVAC, refrigeration and lighting equipment. Verasys™ is a new kind of plug-and-play control system that works with YORK® HVAC systems, zoning systems and technologies from other brands to reduce complexity and provide greater capabilities than traditional systems. It streamlines installation and commissioning of zoning systems, and provides access to critical data – when you need it and where you need it – to help your facilities operate more efficiently.

The Verasys™ control system maximizes the performance of YORK® HVAC systems while leveraging smart equipment technology from any manufacturer. Verasys™ is a straightforward way to control and optimize single-site and multi-site enterprises. All mechanical and electrical equipment seamlessly connect and self-identify without requiring programming tools. As a result, you can take advantage of a new level of insight into building operations and provide facilities that better serve occupants.

Special Benefits

- Plug-and-play controls work with Smart Equipment.
- Real-time access to critical information ensures energy efficiency and lower operating costs throughout the building's life cycle.
- Integrates and displays building system operational data remotely, including rooftop units, split systems and other building-wide systems.
- Remote access over a secure internet connection – providing critical data when you need it, where you need it.
- All mechanical and electrical equipment seamlessly connects and self-identifies without requiring programming tools.
- Optional Fault Detection and Diagnostics (FDD) available.
- Forthcoming cloud-based solutions deliver quality and value.
- Communicates using BACnet® MSTP, making Verasys™ scalable.
- Includes scheduling, alarming, setpoints and more.
- Helps identify issues before they become unplanned downtime.
- Unlocks the potential of your HVAC systems and technologies.
- Create a smarter building for more comfort, productivity and efficiency.



INDOOR AIR QUALITY PRODUCTS

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



Limited Warranties

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

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 nine 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



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-CVD070T01	70 Pints Central Ventilating Dehumidifier	—	—
S1-CVD095T01	95 Pints Central Ventilating Dehumidifier	—	—
S1-CVD130T01	130 Pints Central Ventilating Dehumidifier	—	—

YORK® Affinity™ Hx™ Touch-screen Thermostat (S1-THXU280)

The YORK® Affinity™ Hx™ Touch-screen Thermostat seamlessly connects with YORK® Affinity™ Series models and most conventionally wired systems. Utilizing the Thermostat 280 app for iOS and Android, homeowners are able to remotely control their HVAC system via Wi-Fi®, 3G or 4G – virtually anywhere with internet access.

Special Benefits

- Installed systems receive software updates automatically via over-the-air updates when connected to Wi-Fi®
- Easy-access home/away modes, schedule creation and exclusive quick heat/cool settings provide innovative, comfort-enhancing benefits
- Proximity sensor senses motion and will “wake up” the thermostat
- Home screen banner displays humidity, fan status, outdoor temperature and date/time
- Fast start-up
- If connectivity is lost or the temperature in the room exceeds pre-set limits, a notification is sent to the customer's mobile device
- Comes with dedicated distributor app for ongoing, remote support*
- A selectable auto-humidity feature sets itself based on variance between indoor and outdoor conditions
- ENERGY STAR® Most Efficient performance when paired with Affinity™ variable-speed units
- With homeowner permission, a dedicated app allows remote monitoring of the system for alerts, system diagnostics and even necessary operating adjustments – providing an all new level of personalized service and support

*with homeowner permission.



Limited Warranties

Every YORK® Affinity™ Hx™ Touch-Screen Thermostat is backed by a 5-year limited warranty.

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:

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

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 three 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 one 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 offers 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 three 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 Series thermostat you can also average with up to eight 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 one remote sensor with thermostat.
- Humidification.
- Cooling for dehumidification.
- Humidifier pad replacement reminder.
- Reheat capable.
- Comfort recovery.
- Energy watch.

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

(S1-TTSCC02)

The YORK® Residential Communicating Control with Wi-Fi® capability is simple to sell and 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 iOS, 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 appear 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 customers' 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.
- Three 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



 **YORK[®]**
INSTALL CONFIDENCE



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