



INSTALL CONFIDENCE



ROOFTOP PACKAGE AIR CONDITIONERS
R410A 60HZ 220V 3-PHASE COOLING ONLY
YMMRZC(090-150)BAAKB-X

Air Conditioning Unit

- High efficiency compressor
- Top discharge
- Modern design
- Exclusive coil design
- Lower installation cost
- Easy Maintenance
- Flexible multi-position installation
- Convertible airflow design
- Washable Filter (optional)



The YORK® line of Rooftop Package Air Conditioners includes a wide range of sizes to meet most any customer's needs. Each model is designed to provide comfort and efficiency in an easy to operate unit. And its flexible installation makes them an easy fit for a variety of applications. Models meet the highest energy efficiency ratings, so less energy is consumed without sacrificing comfort and performance. units are engineered for quiet operation.

ROOFTOP PACKAGE AIR CONDITIONERS R410A 220V 3-PHASE COOLING ONLY

Features and benefits



R410-A

Environment-friendly refrigerant cools and heats more efficiently without destroying the ozone layer.



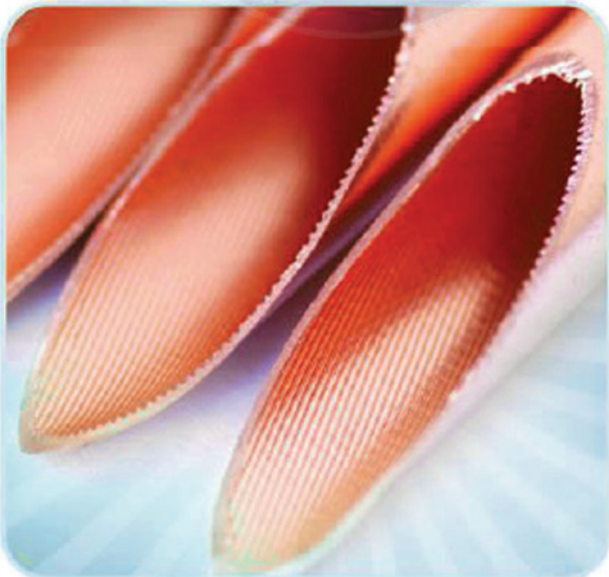
3 Minutes Protection

A 3-minute delay before the compressor will restart helps avoid compressor damage and extend compressor life.



Self Diagnosis

Clearly displayed failure codes allow for quicker troubleshooting and easier maintenance.



Inner Groove Copper Tube

Inner groove copper tubing allows more refrigerant to pass through, improving heat exchange by 30 to 50% when compared to traditional copper tubing, and lowering power consumption while keeping output capacity at the same level.

Specification

| York Model | | | YMMRZC090BAAKB-X | YMMRZC120BAAKB-X | YMMRZC150BAAKB-X |
|-------------------------------------|--------------------------|---------|------------------|------------------|------------------|
| Power Supply | | \ | 220V, 3Ph~, 60Hz | 220V, 3Ph~, 60Hz | 220V, 3Ph~, 60Hz |
| Cooling 1 | Cooling Capacity | KBtu/h | 86 | 114 | 140 |
| | Cooling Capacity | KW | 25.2 | 33.4 | 41.0 |
| | Cooling Capacity | Ton | 7.2 | 9.5 | 11.7 |
| | Power Input | kW | 7.68 | 10.18 | 12.73 |
| | IEER | Btu/h/W | 14.80 | 14.80 | 14.20 |
| | EER | Btu/h/W | 11.6 | 11.2 | 11.0 |
| Max. input consumption | | W | 9300 | 14500 | 17400 |
| Max. current | | A | 36 | 54 | 66 |
| Performance | Indoor fan air flow | CFM | 3200 | 3700 | 4,600 |
| | ESP | Pa | 250 | 250 | 250 |
| Indoor fan | Type | \ | Centrifugal | Centrifugal | Centrifugal |
| | Diameter | mm | 381 | 381 | 381 |
| | Height | mm | 381 | 381 | 381 |
| | Drive type | \ | Belt | Belt | Belt |
| | Motor quantity | \ | 1 | 1 | 1 |
| | Motor model | \ | 2HP | 3HP | 3HP |
| | Motor speed | RPM | 1725 | 1,725 | 1,725 |
| Compressor | Type | \ | Scroll | Scroll | Scroll |
| | Quantity | \ | 2 | 2 | 2 |
| | Model | \ | 42+31 | 51+51 | 72+51 |
| | Brand | \ | LG+Copeland | LG+Copeland | Copeland+LG |
| | Capacity | W | 21,313 | 30334 | 36,047 |
| | | Btu/h | 72,720 | 103,500 | 122,993 |
| | Input | W | 7,012 | 9,522 | 11,734 |
| | RLA (Rated Load Amps.) | A | 11.6/10.4 | 15.6/18.6 | 25.9/15.6 |
| | LRA (Locked Rotor Amps.) | A | 123/73 | 93/137 | 164/93 |
| | Refrigerant oil charge | ml | 1280/740 | 1280/1242 | 1774/1280 |
| Outdoor Fan | Type | \ | Propeller | Propeller | Propeller |
| | Quantity | \ | 2 | 2 | 2 |
| | Drive type | \ | Direct | Direct | Direct |
| | Motor model | \ | 1/3HP ECM | 1/3HP ECM | 1/3HP ECM |
| | Motor speed | RPM | 960 | 960 | 1,070 |
| Refrigerant | Type | \ | R410A | R410A | R410A |
| | Refrigerant volume | kg | 1.8/1.6 | 2.4/2.3 | 3.4/2.6 |
| | Refrigerant Control | \ | EEV | EEV | EEV |
| Wired controller | | \ | 24V | 24V | 24V |
| Centralized controller (Optional) | | \ | / | / | / |
| Operation temperature | | °C | -18 - 52 | -18 - 52 | -18 - 52 |
| Ambient temperature | Cooling | °C | -18 - 52 | -18 - 52 | -18 - 52 |
| | Heating | °C | / | / | / |
| Dimensions | Net (W×H×D) | mm | 1496*1242*2246 | 1496*1242*2246 | 1496*1242*2246 |
| | Packing (W×H×D) | mm | 1519*1283*2269 | 1519*1283*2269 | 1519*1283*2269 |
| Weight | Net weight | kg | 410 | 430 | 476 |
| | Gross weight | kg | 444 | 464 | 510 |
| Loading Quantity per 20GP/40GP/40HC | | Units | 3/7/14 | 3/7/14 | 3/7/14 |

Nominal testing conditions:

Cooling - Indoor 80.6°F DB / 66.2°F WB (27°C DB / 19°C WB) & Outdoor 95°F DB / 75.2°F WB (35°C DB / 24°C WB)

Heating - Indoor 68°F DB / 59°F WB (20°C DB / 15°C WB) & Outdoor 44.6°F DB / 42.8°F WB (7°C DB / 6°C WB)

High ambient cooling test conditions: Cooling - Indoor 84.2°F DB / 66.2°F WB (29°C DB / 19°C WB) & Outdoor 114.8°F DB / 75.2°F WB (46°C DB / 24°C WB)



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