



CASSETTE 60HZ R-410A
INVERTER 16 SEER
YT(K)JE(09-48)BZJ

CASSETTE 60HZ R-410A INVERTER 16 SEER

Indoor Unit

- Auto Random Restart
- 360° Air outlet
- Low noise
- Super slim design
- Build-in Drain pump
- Washable air filter
- Follow me function
- Fresh air intake
- Easy clean design
- Wired controller (Optional)



Remote Control

- 5 operation modes: Auto, Cool, Dry, Heat, Fan only
- Multi-speed fan setting: High/Medium/Low/Auto
- 24-hour timer setting
- Turbo cool setting
- Background light LCD display
- Real-time clock display



Condensing Unit

- Compact size
- More sturdy and durable
- High efficiency compressor
- Low noise
- 3-minute protection
- Valve protection
- Easier installation
- Easier maintenance
- Universal design

The YORK® line of cassette Air conditioners includes a wide range of sizes to give you more flexibility in your product offering. Each model is designed to provide comfort and efficiency, in an easy-to-operate unit and the sleek design fits a variety of spaces, whether it's in a home or office. Models meet the highest energy efficiency ratings, so less energy is consumed without sacrificing comfort and performance. Both the condensing and indoor units are engineered for quiet operation. And comfort control settings are easily changed with the touch of a button on the remote control.

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Features and benefits



Self Diagnosis

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



Washable Filter

Washable filter allows for convenient service and maintenance.



24-Hour Timer

Allows programmed start times up to 24 hours in advance for flexible and more convenient operation.



Built-in Drain Pump

Built-in drain pump can pump condensation to a high level, which facilitates draining condensation from indoor unit and makes installation easier.



Auto Restart

Unit is automatically returned to previous operating conditions after a power outage, for simplified operation.



Compact Design

Smaller dimensions for easy installation, transportation, and reduced cost.



3-Minute Protection

A 3-minute delay before the compressor will restart helps avoid compressor damage and work time.



Multi-Speed Fan

Multi-speed fan helps satisfy various airflow requirements.



Low Ambient Cooling at -15°C

The AC will run in cooling mode when outdoor temperature is below -15°C to meet special user-requested applications.



DC Inverter Compressor

DC inverter compressor provides more comfortable indoor environment, higher performance in partial load and better heating performance in low ambient temperature than fixed compressor.



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 Set Model | | | YTJE09BZJ6AMORX | YTJE12BZJ6AMORX | YTJE18BZJ6AMORX | YKJE24BZJ6AMORX | YKJE36BZJ6AMORX | YKJE48BZJ6AMORX |
|---|----------------------------|----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| York Indoor Model | | | YTJE09BXJ6AM-RX | YTJE12BXJ6AM-RX | YTJE18BXJ6AM-RX | YKJE24BXJ6AM-RX | YKJE36BXJ6AM-RX | YKJE48BXJ6AM-RX |
| York Outdoor Model | | | YUJE09BYJ6AMO-X | YUJE12BYJ6AMO-X | YUJE18BYJ6AMO-X | YUJE24BYJ6AMO-X | YUJE36BYJ6AMO-X | YUJE48BYJ6AMO-X |
| Power supply | | V-ph-Hz | 208-230~1-60 | 208-230~1-60 | 208-230~1-60 | 208-230V~ 60Hz, 1Ph | 208-230V~ 60Hz, 1Ph | 208-230V~ 60Hz, 1Ph |
| Cooling | Capacity | Btu/h | 9000 | 12000 | 18000 | 24000 | 36000 | 48000 |
| | EER | Btu/W | 13.0 | 14.0 | 12.5 | 12.5 | 9.0 | 9.5 |
| | SEER | | 20 | 21.5 | 20 | 20 | 17.5 | 16.8 |
| Minimum circuit ampacity | | A | 10 | 12 | 15 | 18 | 30 | 35 |
| Max.fuse | | A | 15 | 15 | 20 | 25 | 50 | 50 |
| Indoor fan motor | Qty | | 1 | 1 | 1 | 1 | 1 | 1 |
| | Input | W | 46(Output) | 46(Output) | 46(Output) | 42 | 124 | 170 |
| | RLA | A | 0.9 | 1.0 | 1.5 | 2 | 1.5 | 10 |
| | Speed(Hi) | r/min | 600/520/460 | 680/580/500 | 730/630/570 | 600/520/450 | 720/630/560 | 950/900/800/700 |
| Indoor air flow (Hi/Med/Lo) | | m³/h | 635/511/437 | 644/525/443 | 951/821/705 | 1189/1082/974 | 1861/1628/1375 | 2000/1750/1450 |
| Indoor air flow (Hi/Med/Lo) | | CFM | 374/301/257 | 379/309/261 | 560/483/415 | 700/636/573 | 1095/958/809 | 1177/1030/853 |
| Indoor noise level (sound pressure) (Hi/Mid/Lo) | | dB(A) | 41/37/33 | 43/39/36 | 44/39/36 | 51/47/43 | 55/52/49 | 55/52/49 |
| Indoor unit | Dimension (WxDxH)(body) | mm | 570x570x260 | 570x570x260 | 570x570x260 | 840x840x205 | 840x840x245 | 840x840x287 |
| | Packing (WxDxH)(body) | mm | 655x655x290 | 655x655x290 | 655x655x290 | 900x900x217 | 900x900x257 | 900x900x292 |
| | Dimension (WxDxH)(panel) | mm | 647x647x50 | 647x647x50 | 647x647x50 | 950x950x55 | 950x950x55 | 950x950x55 |
| | Packing (WxDxH)(panel) | mm | 715x715x123 | 715x715x123 | 715x715x123 | 1035x1035x90 | 1035x1035x90 | 1035x1035x90 |
| | Net/Gross weight(body) | kg | 14.5/17.3 | 16/18.6 | 16.1/18.7 | 21/24.6 | 26.4/30 | 28.7/32.9 |
| | Net/Gross weight(body) | lbs. | 31.97/38.14 | 35.27/41 | 35.49/41.23 | 46.3/54.23 | 58.2/66.14 | 63.27/72.53 |
| | Net/Gross weight(panel) | kg | 2.5/4.5 | 2.5/4.5 | 2.5/4.5 | 5/8 | 5/8 | 5/8 |
| Design pressure | | PSIG | 540/300 PSIG | 540/300 PSIG | 550/340 PSIG | 550/340 PSIG | 550/340 PSIG | 550/340 PSIG |
| Drainage water pipe diameter | | mm | ODØ25 | ODØ25 | ODØ25 | ODØ32 | ODØ32 | ODØ32 |
| Refrigerant piping | | Liquid side/Gas side | mm(inch) | Ø6.35/Ø9.52(1/4"/3/8") | Ø6.35/Ø12.7(1/4"/1/2") | Ø6.35/Ø12.7(1/4"/1/2") | Ø9.52/Ø15.9(3/8"/5/8") | Ø9.52/Ø15.9(3/8"/5/8") |
| Controller | | | Remote control | Remote control | Remote control | Remote control | Remote control | Remote control |
| Room temperature | | Cooling | °C/°F | 17~32/62~90 | | | | |
| Operation temperature | | | °C/°F | 17~30/62~86 | | | | |
| Compressor | Type | | ROTARY | ROTARY | ROTARY | ROTARY | ROTARY | ROTARY |
| | Capacity | Btu/h | 10014 | 11157 | 13836 | 24345 | 32823 | 44697 |
| | Input | W | 748 | 800 | 1035 | 1970 | 2570 | 3420 |
| | Rated current (RLA) | A | 5.50 | 6.80 | 10.50 | 12.00 | 22.00 | 23.5 |
| | Thermal protector position | | INTERNAL | ---- | INTERNAL | EXTERNAL | EXTERNAL | INTERNAL |
| Outdoor fan motor | Refrigerant oil | ml | ESTER OIL VG74/370 | ESTER OIL VG74/370 | ESTER OIL VG74/450 | POE(VG74)/670 | ESTER OIL VG74/1000 | Ester Oil VG74/1400 |
| | Qty | | 1 | 1 | 1 | 1 | 1 | 2 |
| | Input | W | 40(Output) | 40(Output) | 50(Output) | 120(Output) | 120(Output) | 85(Output) |
| | RLA | A | 0.4 | 0.4 | 0.60 | 0.6 | 1.0 | 0.39 |
| Outdoor air flow (Max.) | Speed | r/min | 800 | 800 | 810 | 810 | 950 | 900 |
| | Outdoor air flow (Max.) | m³/h | 1800 | 1900 | 2500 | 4000 | 4300 | 7600 |
| | Outdoor air flow (Max.) | CFM | 1060 | 1120 | 1470 | 2354 | 2530 | 4470 |
| Outdoor noise level | | dB(A) | 56 | 58 | 60 | 61 | 66 | 62.5 |
| Throttle type | | | Capillary +EXV | Capillary +EXV | Capillary +EXV | Capillary +EXV | Capillary +EXV | Capillary +EXV |
| Outdoor unit | Dimension (W×D×H) | mm | 770x300x555 | 800x333x554 | 845x363x702 | 946x410x810 | 946x410x810 | 952x415x1333 |
| | Packing (W×D×H) | mm | 900x345x585 | 920x390x615 | 965x395x755 | 1090x500x875 | 1090x500x875 | 1095x495x1480 |
| | Net/ Gross weight | kg | 28/30.3 | 34.8/37.5 | 43.2/46.5 | 62/67.4 | 67.4/73 | 98.6/111.6 |
| Refrigerant type/Quantity | | Type/Charged volume | Oz | R410A/38.8 | R410A/40.6 | R410A/68.8 | R410A/82.9 | R410A/108 |
| Refrigerant precharge | | ft | 25 | 25 | 25 | 25 | 25 | 25 |
| Additional charge for each ft | | oz | 0.16 | 0.16 | 0.16 | 0.32 | 0.32 | 0.32 |
| Design pressure | | PSIG | 550/340 | 550/340 | 550/340 | 550/340 | 550/340 | 550/340 |
| Refrigerant piping | Liquid side/ Gas side | mm(inch) | Ø6.35/Ø9.52(1/4"/3/8") | Ø6.35/Ø12.7(1/4"/1/2") | Ø6.35/Ø12.7(1/4"/1/2") | Ø9.52/Ø15.9(3/8"/5/8") | Ø9.52/Ø15.9(3/8"/5/8") | Ø9.52/Ø15.9(3/8"/5/8") |
| | Max. pipe length | m/ft | 25/82 | 25/82 | 30/98 | 50/164 | 65/213 | 65/213 |
| | Max. difference in level | m/ft | 10/33 | 10/33 | 20/66 | 25/82 | 30/98 | 30/98 |
| Ambient temperature | | Cooling | °C/°F | -25~50/-13~122 | | | -15~50/5~122 | |
| Qty'per 20' /40' /40'HQ | | Outdoor | 234/488/566 | 234/488/566 | 234/488/566 | 148/312/342 | 128/268/294 | 100/212/238 |
| Qty'per 20' /40' /40'HQ | | Outdoor | 166/344/344 | 108/219/292 | 102/216/216 | 166/344/344 | 108/219/292 | 102/216/216 |

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)



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