



GRANDE 60HZ R-410A MID STATIC PRESSURE DUCT
INVERTER 16 SEER
YEJE(09-48)BZJ

GRANDE 60HZ R-410A MID STATIC PRESSURE DUCT INVERTER 16 SEER

Indoor Unit

- Auto Random Restart
- Low noise
- Washable air filter
- High velocity air flow
- Easy maintenance
- Reserved remote on-off and alarm ports
- Drain pump (Optional)
- Wireless controller (Optional)



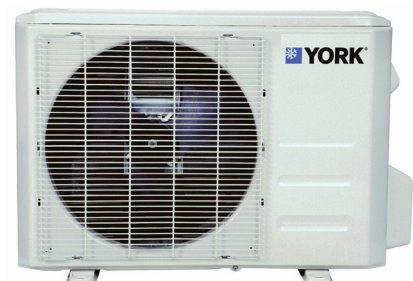
Remote Control

- 5 operation modes: Auto, Cool, Dry, Heat, Fan only
- Multi-speed fan setting: High/Medium/Low/Auto
- 24-hour timer setting
- Big LCD display
- Auto-Restart function



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 MSP duct 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



Multi-Speed Fan

Multi-speed fan helps satisfy various airflow requirements.



Washable Filter

Washable filter allows for convenient service and maintenance.



3-Minute Protection

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



Auto Restart

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



24-Hour Timer

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



Self Diagnosis

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



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 | | | YEJE09BZJ6AMOWX | YEJE12BZJ6AMOWX | YEJE18BZJ6AMOWX | YEJE24BZJ6AMOWX | YEJE36BZJ6AMOWX | YEJE48BZJ6AMOWX |
|---------------------------------------|----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| York Indoor Model | | | YEJE09BXJ6AM-WX | YEJE12BXJ6AM-WX | YEJE18BXJ6AM-WX | YEJE24BXJ6AM-WX | YEJE36BXJ6AM-WX | YEJE48BXJ6AM-WX |
| 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 | 208-230~1-60 | 208-230~1-60 | 208-230~1-60 |
| Cooling | Capacity | Btu/h | 9000 | 12000 | 18000 | 24000 | 36000 | 48000 |
| | EER | Btu/W | 13.5 | 12.5 | 12.5 | 12.5 | 8.5 | 8.9 |
| | SEER | | 19.5 | 19 | 19 | 20 | 15.5 | 17.4 |
| 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 | 55(Output) | 55(Output) | 90(Output) | 90(Output) | 150(Output) | 240(Output) |
| | RLA | A | 0.9 | 1 | 1.5 | 2 | 1.5 | 1.8 |
| | Speed | r/min | 1010/890/780 | 1100/960/830 | 1090/950/860 | 1020/840/750 | 1070/950/760 | 1090/950/850 |
| Indoor air flow (Hi/Med/Lo) (No duct) | | m ³ /h | 570/493/408 | 629/544/442 | 884/731/612 | 1394/1054/884 | 1904/1598/1156 | 2499/2006/1598 |
| Indoor air flow (Hi/Med/Lo) (No duct) | | CFM | 335/290/240 | 370/320/260 | 520/430/360 | 820/620/520 | 1120/940/680 | 1470/1180/940 |
| ESP | Range/In. WG. | Pa | 0-45/0-0.18 | 0-45/0-0.18 | 0-70/0-0.28 | 0-100/0-0.40 | 0-100/0-0.40 | 0-100/0-0.40 |
| Indoor noise level (Hi/Med/Lo) | | dB(A) | 38/35/31 | 44/37/31 | 41/39/37 | 53/48/43 | 53/51/47 | 52 /49/46 |
| Indoor unit | Dimension (WxDxH) | mm | 700x635x210 | 700x635x210 | 920x635x210 | 920x635x270 | 1140x775x270 | 1200x865x300 |
| | | inch | 27.56x25x8.27 | 27.56x25x8.27 | 36.22x25x8.27 | 36.22x25x10.63 | 44.88x30.51x10.63 | 47.24x34.06x11.81 |
| | Packing (WxDxH) | mm | 915x655x290 | 915x655x290 | 1135x655x290 | 1150x655x290 | 1355x795x350 | 1405x920x373 |
| | | inch | 36.02x25.79x11.42 | 36.02x25.79x11.42 | 44.68x25.79x11.42 | 45.28x25.79x13.78 | 53.35x31.3x13.78 | 54.53x36.22x14.69 |
| | Net/Gross weight | kg | 18.1/22.8 | 19.1/23.4 | 23/27.5 | 26/31 | 34/40.5 | 45/53 |
| Design pressure | | PSIG | 550/340 PSIG | 550/340 PSIG | 550/340 PSIG | 550/340 PSIG | 550/340 PSIG | 550/340 PSIG |
| Drainage water pipe diameter | | mm | ODØ25 | ODØ25 | ODØ25 | ODØ25 | ODØ25 | ODØ25 |
| Refrigerant piping | Liquid side/ Gas side | mm | 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") |
| Room temperature | | °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 |
| | 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 |
| Outdoor fan motor | 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 |
| | Speed | r/min | 800 | 800 | 810 | 810 | 950 | 900 |
| Outdoor air flow (Max.) | | m ³ /h(CFM) | 1800(1060) | 1900(1120) | 2500(1470) | 4000(2354) | 4300(2530) | 7600(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 |
| | | inch | 30.31x11.81x21.85 | 31.5x13.11x21.81 | 33.27x14.29x27.64 | 37.24x16.14x31.89 | 37.24x16.14x31.89 | 37.48x16.34x52.48 |
| | Packing (W×D×H) | mm | 900x345x585 | 920x390x615 | 965x395x755 | 1090x500x875 | 1090x500x875 | 1095x495x1480 |
| | | inch | 35.43x13.58x23.03 | 36.22x15.35x24.21 | 37.99x15.55x29.72 | 42.91x19.69x34.45 | 42.91x19.69x34.45 | 43.11x19.49x58.27 |
| | 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 | | Oz | R410A/38.8 | R410A/40.6 | R410A/68.8 | R410A/82.9 | R410A/108 | R410A/148.2 |
| 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 | | °C/°F | -25~50/-13~122 | -25~50/-13~122 | -25~50/-13~122 | -25~50/-13~122 | -15~50/5~122 | -15~50/5~122 |
| Qty'per 20' /40' /40'HQ | | Indoor | 173/340/380 | 173/340/380 | 134/270/310 | 108/216/252 | 75/153/170 | 60/126/147 |
| Qty'per 20' /40' /40'HQ | | Outdoor | 166/344/344 | 108/219/292 | 102/216/216 | 44/96/144 | 44/96/144 | 22/46/46 |

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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