YORK®

INSTALL CONFIDENCE

## ALTAIR HIGH WALL INVERTER R-410A 60HZ COOLING ONLY

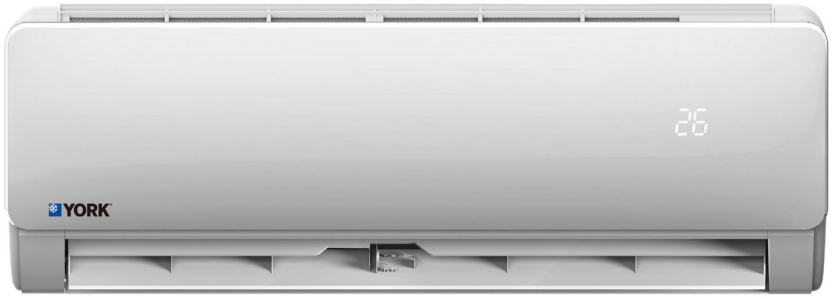
# YHJE 12 to 24 ZJ6AXBORX

A complete range from 3.5kW to 6.7kW

## ALTAIR HIGH WALL INVERTER R-410A 60HZ COOLING ONLY

### Indoor Unit

- Modern, compact design
- Efficient cooling
- Hidden display
- 3D Air Flow (Option)
- WIFI (Option)

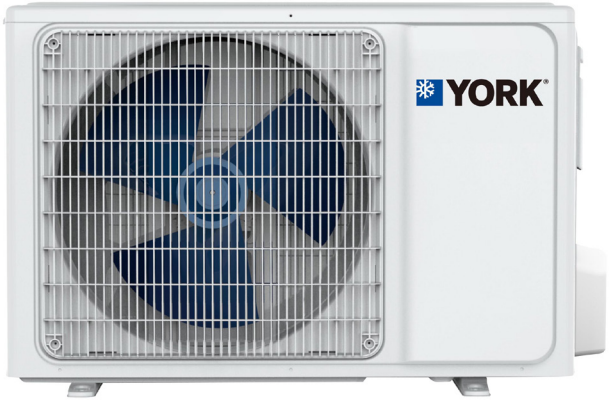



### Remote Control

- 4 operation modes
- Sleep mode and on/off timers
- Turbo cool settings

### Condensing Unit

- Fashion appearance
- Convenient installation
- Easy maintenance




The YORK® line of High Wall 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.

## Features and Benefits

### 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.

### R-410A
Environmentally-friendly refrigerant cools and heats more efficiently without destroying the ozone layer.

### Turbo Mode
Provides quicker cooling with one press of the remote button.

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

### Multi-Speed Fan
Multi-speed fan helps satisfy various airflow requirements.

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

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

### WIFI Control (Option)
Controls air conditioner with Smart phone or tablet through Internet.

## 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 | | | YHJE12ZJ6AXBORX | YHJE18ZJ6AXBORX | YHJE24ZJ6AXBORX |
|---|---|---|---|---|---|
| York Outdoor Model | | | YHJE12YJ6AXBO-X | YHJE18YJ6AXBO-X | YHJE24YJ6AXBO-X |
| York Indoor Model | | | YHJE12XJ6AXB-RX | YHJE18XJ6AXB-RX | YHJE24XJ6AXB-RX |
| Power supply | | V/Ph/Hz | 208~230V/1Ph/60Hz | 208~230V/1Ph/60Hz | 208~230V/1Ph/60Hz |
| Power supply in | | | Outdoor unit | Outdoor unit | Outdoor unit |
| Cooling | Capacity(Min~Max) | Btu/h | 12,000(2,729-12,966) | 18,000(4,094-18,425) | 23,000(4,776-24,567) |
| | Power Input(Min~Max) | W | 1,250(100-1,400) | 2,030(200-2,200) | 2,360(200-2,650) |
| | Rated current | A | 5.5 | 9.0 | 10.7 |
| | SEER | Btu/h·W | 16.0 | 16.0 | 16.0 |
| | EER | Btu/h·W | 9.6 | 8.8 | 9.8 |
| Moisture Removal | | l/h | 0.7 | 1.1 | 1.4 |
| Max. input consumption | | W | 1,500 | 2,200 | 2,800 |
| Max. current | | A | 8.0 | 10.0 | 13.0 |
| Indoor fan motor | Power Output | W | 18 | 30 | 50 |
| | Capacitor | μF | 1.5 | 3 | 3 |
| | Speed (SH/H/M/L) | rpm | 1,280/1,130/1,000/850 | 1,230/1,080/990/900 | 1,300/1,150/1,000/850 |
| Indoor air flow (SH/H/M/L) | | $m^3/h$ | 600/470/400/350 | 850/720/650/550 | 1,250/1,100/950/750 |
| Indoor noise level (SH/H/M/L) | | dB(A) | 42/37/32/28 | 46/41/38/34 | 51/46/42/37 |
| Indoor dimension | Unit (WxHxD) | mm | 750×285×200 | 900×310×225 | 1,082×330×233 |
| | Packing (WxHxD) | mm | 800×345×265 | 950×380×290 | 1,130x395x300 |
| Indoor weight | Net | kg | 8 | 12 | 13.5 |
| | Gross | kg | 10 | 14 | 17 |
| Compressor | Type | | Rotary | Rotary | Rotary |
| | Capacity | W | 3,260 | 4,050 | 4,470 |
| | Power Input | W | 825 | 1,025 | 1,145 |
| | Rated current(RLA) | A | 5.8 | 7.25 | 7.95 |
| | Refrigerant oil | ml | ESTER OIL VG74 370 | ESTER OIL VG74 450 | ESTER OIL VG74 500 |
| Outdoor fan motor | Power Output | W | 24 | 40 | 65 |
| | Capacitor | μF | NA (DC Inverter) | NA (DC Inverter) | NA (DC Inverter) |
| | Speed | rpm | 850 | 900 | 870 |
| Outdoor air flow | | $m^3/h$ | 1,860 | 2,100 | 2,800 |
| Outdoor noise level | | dB(A) | 52 | 54 | 56 |
| Outdoor dimension | Unit (WxHxD) | mm | 730×545×285 | 795×525×290 | 825×655×310 |
| | Packing (WxHxD) | mm | 850×620×370 | 920×620×400 | 932×759×412 |
| Outdoor weight | Net | kg | 25.5 | 32 | 40 |
| | Gross | kg | 29.5 | 37 | 44.5 |
| Refrigerant | Type | | R-410A | R-410A | R-410A |
| | Charge | g | 820 | 1,100 | 1,420 |
| Refrigerant pipe | Liquid side | Ø mm | 6.35 | 6.35 | 6.35 |
| | Gas side | Ø mm | 12.7 | 12.7 | 15.88 |
| | Max. refrigerant pipe length | m | 15 | 15 | 15 |
| | Max. difference in level | m | 10 | 10 | 10 |
| | Add refrigerant quantity per meter | g | 20x(Length-5) | 30x(Length-5) | 30x(Length-5) |
| Operation temperature range | | °C | 16-32 | 16-32 | 16-32 |
| Ambient temperature range | | °C | -5~43 | -5~43 | -5~43 |
| Application area | | $m^2$ | 12~20 | 17-34 | 23-47 |
| Qty'per 20'& 40'&40HQ | | Set | 101/219/250 | 79/174/201 | 59/130/144 |

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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