

 **YORK**<sup>®</sup>  
INSTALL CONFIDENCE

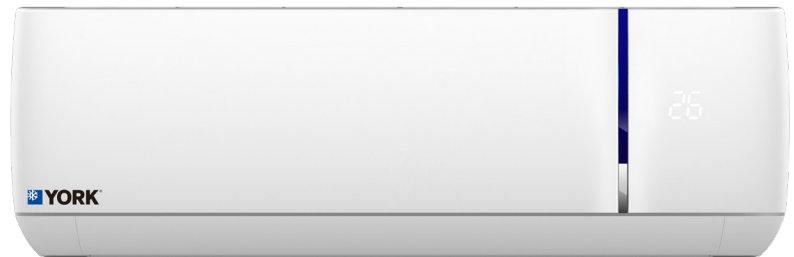


**HIGH WALL R-410A 60Hz HEAT PUMP**  
**YHGE 12 to 24 ZHMDXBORX**  
A complete range from 3.4 to 6.8 kW

## HIGH WALL R-410A 60HZ HEAT PUMP

### Indoor Unit

- Modern, compact design
- Efficient cooling/heating
- Auto restart
- Low noise
- Air sweep
- Low Volt
- WIFI control (Option)

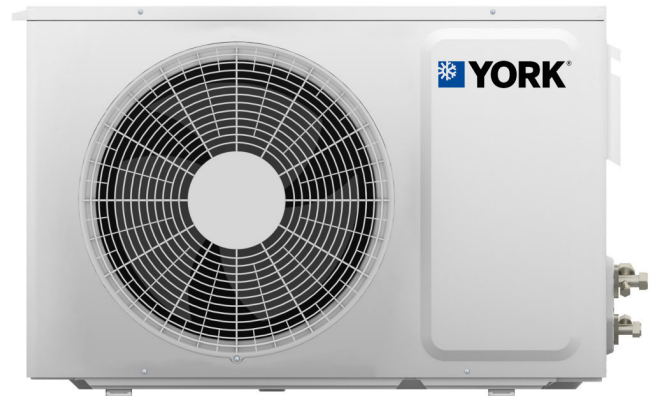


### Remote Control

- 5 operation modes
- Sleep mode and on/off timers
- Turbo cool/heat settings
- Hidden display

### Condensing Unit

- Quiet operation
- Convenient installation
- Easy maintenance



The YORK® line of Mini Splits 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 units 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.

# HIGH WALL R-410A 60HZ HEAT PUMP

## Features and Benefits



### 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.



### Child Lock

If the lock button on the remote control is pressed, it must be pressed again before use to help prevent accidental operation.



### 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.



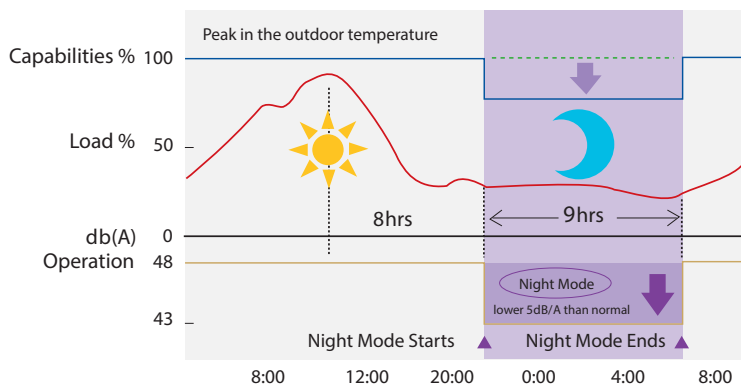
### Auto Restart

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



### WiFi Control (Option)

Controls air conditioner with Smart phone or tablet through Internet.



## Intelligent Sleep Mode

Air temperature is automatically controlled according to the sleep curve for maximum comfort, reduced noise, and energy savings.

Intelligent Night operation function can reduce noise up to 5dB/A.

## Specification

| York Set Model                       |                              |                   | YHGE12ZHMDXBORX       | YHGE18ZHMDXBORX      | YHGE24ZHMDXBORX       |
|--------------------------------------|------------------------------|-------------------|-----------------------|----------------------|-----------------------|
| York Outdoor Model                   |                              |                   | YHGE12YHMDXBO-X       | YHGE18YHMDXBO-X      | YHGE24YHMDXBO-X       |
| York Indoor Model                    |                              |                   | YHGE12XHMDXB-RX       | YHGE18XHMDXB-RX      | YHGE24XHMDXB-RX       |
| Power supply                         |                              | V/Ph/Hz           | 208-230V/1Ph/60Hz     | 208-230V/1Ph/60Hz    | 208-230V/1Ph/60Hz     |
| Power supply by                      |                              | Side              | Indoor                | Indoor               | Indoor                |
| Cooling                              | Capacity                     | W                 | 3,579                 | 5,364                | 7,074                 |
|                                      | Power Input                  | W                 | 1,036                 | 1,618                | 2,010                 |
|                                      | Rated current                | A                 | 10.79                 | 8.60                 | 11.26                 |
|                                      | EER                          | W/W               | 3.45                  | 3.31                 | 3.52                  |
|                                      | REEE                         | Btu/h-W           | 12.7                  | 12.40                | 12.90                 |
| Heating                              | Capacity                     | W                 | 3,400                 | 5,100                | 6,000                 |
|                                      | Input                        | W                 | 1,020                 | 1500                 | 1750                  |
|                                      | Rated current                | A                 | 4.6                   | 7.0                  | 7.7                   |
|                                      | COP                          | W/W               | 3.33                  | 3.33                 | 3.43                  |
| Moisture Removal                     |                              | l/h               | 1.3                   | 2.0                  | 2.6                   |
| Max. input consumption               |                              | W                 | 1,280                 | 2,100                | 2,800                 |
| Max. current                         |                              | A                 | 6.8                   | 12.0                 | 15.0                  |
| Indoor fan motor                     | Output                       | W                 | 18                    | 30                   | 50                    |
|                                      | Running current              | A                 | 0.08                  | 0.14                 | 0.23                  |
|                                      | Capacitor                    | µF                | 1.5                   | 3                    | 3                     |
|                                      | Speed (SH/H/M/L)             | rpm               | 1,380/1,230/1,040/850 | 1,230/1,080/960/850  | 1,330/1,180/1,010/850 |
| Indoor air flow (SH/H/M/L)           |                              | m <sup>3</sup> /h | 600/550/450/400       | 950/850/740/660      | 1,200/1,050/900/750   |
| Indoor noise level (SH/H/M/L)        |                              | dB(A)             | 44/41/36/31           | 46/44/41/38          | 51/48/43/39           |
| Indoor dimension                     | Unit (WxHxD)                 | mm                | 750×285×200           | 900×310×225          | 1,082×330×233         |
|                                      | Packing (WxHxD)              | mm                | 850×620×370           | 950×380×290          | 1,130×395×300         |
| Indoor weight                        | Net / Gross                  | kg                | 8                     | 11.5                 | 14                    |
|                                      | Type                         |                   | Rotary                | Rotary               | Rotary                |
| Compressor                           | Rated current(RLA)           | A                 | 5.3                   | 6.45                 | 9.9                   |
|                                      | Locked rotor Amp(LRA)        | A                 | 28.5                  | 38.5                 | 55.4                  |
|                                      | Thermal protector            |                   | Internal              | Internal             | Internal              |
|                                      | Capacitor                    | µF                | 40                    | 45                   | 50                    |
|                                      | Refrigerant oil /charge      | ml                | ESTER OIL VG74 / 350  | ESTER OIL VG74 / 410 | ESTER OIL VG74 / 570  |
| Outdoor fan motor                    | Output                       | W                 | 25                    | 31                   | 69                    |
|                                      | Running current              | A                 | 0.2                   | 0.21                 | 0.36                  |
|                                      | Capacitor                    | µF                | 2.5                   | 2.5                  | 3.5                   |
|                                      | Speed                        | rpm               | 820                   | 930                  | 870                   |
| Outdoor air flow                     |                              | m <sup>3</sup> /h | 1,800                 | 2,100                | 2,800                 |
| Outdoor noise level                  |                              | dB(A)             | 50                    | 53                   | 58                    |
| Outdoor dimension                    | Unit (WxHxD)                 | mm                | 720×545×255           | 795×525×290          | 825×655×310           |
|                                      | Packing (WxHxD)              | mm                | 820×347×277           | 920×620×400          | 945×725×435           |
| Outdoor weight                       |                              | kg                | 28                    | 36.5                 | 44                    |
| Refrigerant                          | Type                         |                   | R-410A                | R-410A               | R-410A                |
|                                      | Charge                       | g                 | 660                   | 1050                 | 1450                  |
| Refrigerant pipe                     | Standard connection length   | mm(inch)          | 5                     | 5                    | 5                     |
|                                      | Additional charge amount     | g                 | 15 x (Length m - 5)   | 20 x (Length m - 5)  | 50 x (Length m - 5)   |
|                                      | Liquid/Gas                   | mm                | Ø6.35/Ø9.52           | Ø6.35/Ø12.7          | Ø6.35/Ø15.88          |
|                                      | Max. refrigerant pipe length | m                 | 20                    | 20                   | 20                    |
|                                      | Max. difference in level     | m                 | 10                    | 10                   | 15                    |
| Controller setting temperature range |                              | °C                | 16-30                 | 16-30                | 16-30                 |
| Ambient temperature range            |                              | °C                | -5-43                 | -5-43                | -5-43                 |
| Qty'per 20' & 40' & 40HQ             |                              | Set               | 102/219/263           | 82/177/203           | 64/144/162            |

### 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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