



INSTALL CONFIDENCE



ICEBERG HIGH WALL 60HZ R-410A HEAT PUMP  
YHGE 12 to 24 ZT3CFPOR5  
YHGE 30 to 36 ZT3CFQOR5



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

### Indoor Unit

- Low noise
- Washable air filter
- 4-in-1 filter(VC, Silver Ion, Catechin, Hepa)
- Sleep Mode
- Easy maintenance
- Self-diagnosis and Auto-protection
- Golden fin
- Long distance wind blast
- 3D air flow
- I feel
- WIFI Ready

### Remote Control

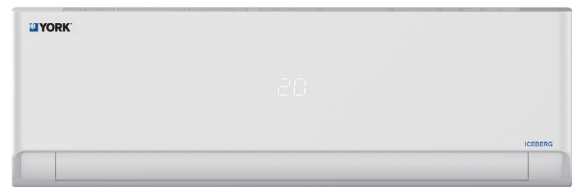
- 5 operation modes: Auto, Cool, Dry, Heat, Fan only
- Multi-speed fan setting: High/Medium/Low/Auto
- 24-hour timer setting
- Turbo cool setting
- Background light LCD display
- Real-time clock display

### Condensing Unit

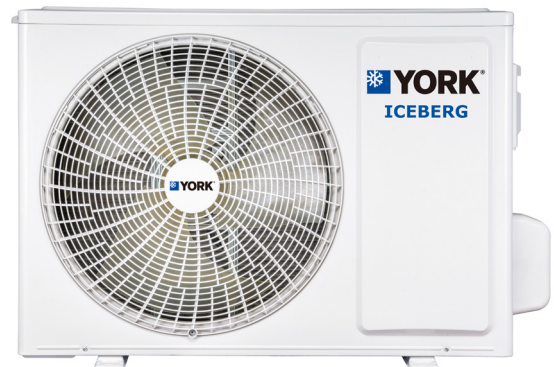
- Compact size
- More sturdy and durable
- High efficiency compressor
- Low noise
- 3-minute protection
- Valve protection
- Easier installation
- Easier maintenance
- Golden fin



12-24 K



30-36 K



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.

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

### Features and benefits



#### Multi-Speed Fan

Multi-speed fan helps satisfy various airflow requirements.



#### 4-in-1 filter (VC, Silver Ion, Catechin, Hepa)

A variety of fresh air functions, more beneficial to your health. Enjoy the feeling of a forest at home.



#### 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.



#### I Feel

A temperature sensor embedded in the remote control helps ensure accurate air temperature around the user and not just around the indoor unit, providing maximum comfort.



#### R-410A

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



#### Golden fin

The unique anticorrosive golden coating on the heat exchangers can withstand the salty air, rain and other corrosive elements.

## Specification

| YORK Set Model                                   |                                 | YHGE12ZT3CFPOR5 | YHGE18ZT3CFPOR5      | YHGE24ZT3CFPOR5      | YHGE30ZT3CFQOR5      | YHGE36ZT3CFQOR5              |                              |
|--|---------------------------------|-----------------|----------------------|----------------------|----------------------|------------------------------|------------------------------|
| YORK Outdoor Model                               |                                 | YHGE12YT3CFPO-5 | YHGE18YT3CFPO-5      | YHGE24YT3CFPO-5      | YHGE30YT3CFQO-5      | YHGE36YT3CFQO-5              |                              |
| YORK Indoor Model                                |                                 | YHGE12XT3CFP-R5 | YHGE18XT3CFP-R5      | YHGE24XT3CFP-R5      | YHGE30XT3CFQ-R5      | YHGE36XT3CFQ-R5              |                              |
| Power supply                                     | Ph-V-Hz                         | 1-220-230-60    |                      |                      |                      |                              |                              |
| Power supply by                                  |                                 | Indoor          | Indoor               | Indoor               | Outdoor              | Outdoor                      |                              |
| Cooling @ T1                                     | Capacity                        | Btu/h           | 12,000               | 17,800               | 23,000               | 27,000                       | 31,200                       |
|  | Power Input                     | W               | 990                  | 1,460                | 1,855                | 2,230                        | 2,580                        |
|  | Rated Current                   | A               | 4.4                  | 6.5                  | 8.3                  | 10.0                         | 11.6                         |
|  | EER                             | Btu/h-W         | 12.10                | 12.20                | 12.40                | 12.10                        | 12.10                        |
| Cooling @ T3                                     | Capacity                        | Btu/h           | 10,500               | 15,400               | 19,800               | 23,200                       | 27,200                       |
|  | Power Input                     | W               | 1,210                | 1,820                | 2,275                | 2,680                        | 3,145                        |
|  | Rated current                   | A               | 5.1                  | 8.1                  | 10.1                 | 12.1                         | 14.2                         |
|  | EER                             | Btu/h-W         | 8.70                 | 8.45                 | 8.7                  | 8.65                         | 8.65                         |
| Heating  | Capacity                        | Btu/h           | 11,942               | 17,060               | 23,031               | 26,955                       | 29,343                       |
|  | Power Input                     | W               | 930                  | 1,400                | 1,825                | 2,135                        | 2,350                        |
|  | Rated Current                   | A               | 4.1                  | 6.2                  | 8.1                  | 9.6                          | 10.3                         |
|  | COP                             | Btu/h-W         | 12.80                | 12.20                | 12.62                | 12.62                        | 12.45                        |
| Max. input consumption                           | W                               | 1,500           | 2,300                | 2,800                | 3,600                | 3,700                        |                              |
| Max. current                                     | A                               | 8.0             | 11.9                 | 14.5                 | 18.7                 | 19.0                         |                              |
| Starting current                                 | A                               | 27              | 39                   | 50                   | 52                   | 60                           |                              |
| Moisture Removal                                 | l/h                             | 1.2             | 1.7                  | 2.2                  | 2.8                  | 3                            |                              |
| Compressor                                       | Type                            |                 | Rotary               | Rotary               | Rotary               | Rotary                       | Rotary                       |
|  | Rated current(RLA)              | A               | 4.75                 | 6.70                 | 8.50                 | 10.20                        | 11.60                        |
|  | Capacitor                       | µF              | 35                   | 50                   | 40                   | 55                           | 70                           |
|  | Refrigerant oil/oil charge      | ml              | ESTER OIL VG74 / 350 | ESTER OIL VG75 / 430 | ESTER OIL VG75 / 610 | α 68HES-H or equivalent /570 | α 68HES-H or equivalent /880 |
| Indoor fan motor                                 | Power Output                    | W               | 33                   | 35                   | 70                   | 120                          | 120                          |
|  | Capacitor                       | µF              | 2                    | NA (DC Inverter)     | NA (DC Inverter)     | NA (DC Inverter)             | NA (DC Inverter)             |
|  | Speed(Hi/Mi/Lo)                 | rpm             | 1,200/1,000/870      | 1,160/1,000/850      | 1,200/1,050/900      | 1,150/1,050/950              | 1,350/1,150/1,000            |
| Indoor air flow (Hi/Mi/Lo)                       | m <sup>3</sup> /h               | 900/800/700     | 1,100/1,000/800      | 1,300/1,100/900      | 2,100/1,800/1,400    | 2,200/1,900/1,500            |                              |
| Indoor noise level (Hi/Mi/Lo)                    | dB(A)                           | 44/42/39        | 45/43/40             | 45/43/40             | 53/48/43             | 53/48/43                     |                              |
| Indoor unit                                      | Dimension(WxHxD)                | mm              | 891x300x*220         | 998x325x222          | 1,173x325x228        | 1,369x379x283                | 1,369x379x283                |
|  | Packing (WxHxD)                 | mm              | 900x335x260          | 1,060x390x315        | 1,250x390x315        | 1,495x480x410                | 1,495x480x410                |
|  | Net/Gross weight                | kg              | 10.0/12.0            | 12.5/16.0            | 14.5/17.5            | 22.0/26.5                    | 23.5/28.0                    |
| Outdoor fan motor                                | Power Output                    | W               | 32                   | 61                   | 102                  | 102                          | 102                          |
|  | Capacitor                       | µF              | 3                    | 4                    | NA (DC Inverter)     | NA (DC Inverter)             | NA (DC Inverter)             |
|  | Speed                           | rpm             | 860                  | 840                  | 900                  | 900                          | 900                          |
| Outdoor air flow                                 | m <sup>3</sup> /h               | 2,100           | 2,500                | 3,800                | 3,800                | 3,800                        |                              |
| Outdoor noise level                              | dB(A)                           | 53              | 55                   | 58                   | 60                   | 60                           |                              |
| Outdoor unit                                     | Dimension(WxHxD)                | mm              | 810x585x280          | 860x650x310          | 900x750x340          | 900x750x340                  | 900x750x340                  |
|  | Packing (WxHxD)                 | mm              | 940x630x385          | 995x730x445          | 1,060x820x450        | 1,060x820x450                | 1,060x820x450                |
|  | Net/Gross weight                | kg              | 34.5/37.5            | 45.0/49.0            | 52.0/57.0            | 56.0/61.0                    | 60.0/65.0                    |
| Refrigerant type/Charge                          | g                               | R-410A/1,120    | R-410A/1,380         | R-410A/1,860         | R-410A/2,200         | R-410A/2,350                 |                              |
| Refrigerant piping                               | Liquid side/ Gas side           | mm              | 6.35/12.7            | 6.35/12.7            | 9.53/15.88           | 9.53/15.88                   | 9.53/19.05                   |
|  | Max. refrigerant pipe length    | m               | 15                   | 15                   | 15                   | 15                           | 15                           |
|  | Max. difference in level        | m               | 5                    | 5                    | 5                    | 5                            | 5                            |
|  | Standard connection pipe length | m               | 5                    | 5                    | 5                    | 5                            | 5                            |
|  | Additional refrigerant charge   | g               | 20 x (Length-5)      | 20 x (LengthM-5)     | 30 x (Length-5)      | 40 x (Length-5)              | 40 x (Length-5)              |
| Controller setting temperature (cooling/heating) | °C                              | 16-30           | 16-30                | 16-30                | 16-30                | 16-30                        |                              |
| Ambient temperature range (cooling/heating)      | °C                              | 21~55/-7~24     | 21~55/-7~24          | 21~55/-7~24          | 21~55/-7~24          | 21~55/-7~24                  |                              |
| Qty'per 20' /40' /40'HQ                          | Set                             | 89/190/226      | 66/136/157           | 52/08/123            | 40/80/98             | 40/80/98                     |                              |

### Nominal testing conditions @ T1:

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)

### Nominal testing conditions @ T3:

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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