



INSTALL CONFIDENCE



GRANDE FLOOR CEILING R-410A 60HZ TOP DISCHARGE
YNFFZC(24-60)BAA(Q)DA(B)F1

Indoor Unit

- Ceiling and Wall Installation Option
- Automatic Up and Down Air Swing
- Low noise
- Washable air filter
- High velocity air flow
- Auto Random Restart
- 2-way Drainage
- Follow me function
- Universal Spare Parts make maintenance much easier
- Fresh air intake (Optional)
- Drain pump (Optional)
- 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
- High efficiency compressor
- Low noise
- Valve protection



The YORK® line of Floor ceiling Air Conditioners includes a wide range of sizes to meet many customers' needs. Each model is designed to provide comfort and efficiency, in an easy-to-operate unit and flexible installation makes them an easy fit for a variety of applications. 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



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.



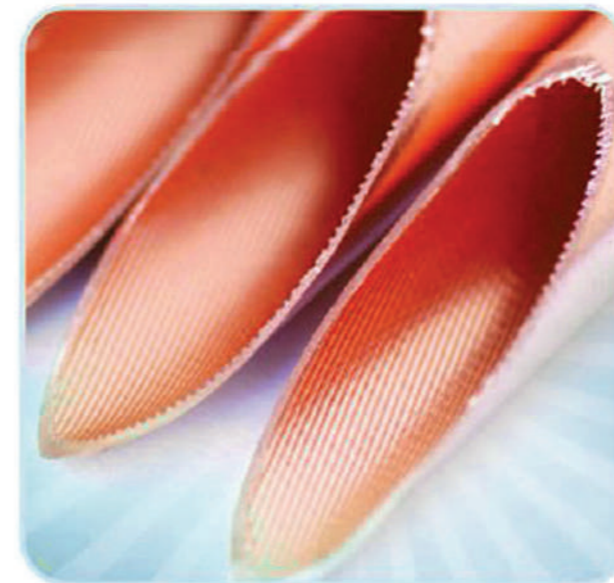
Auto Restart
Unit is automatically returned to previous operating conditions after a power outage, for simplified operation.



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.



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 | | YNFFZC024BAADAFX | YNFFZC036BAADAFX | YNFFZC048BAADBF1 | YNFFZC060BAADBF1 | YNFFZC036BAQDBF1 | YNFFZC048BAQDBF1 | YNFFZC060BAQDBF1 | |
|--|------------------------------|------------------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| York Indoor Model | | YNFFXC024BAAD-FX | YNFFXC036BAAD-FX | YNFFXC048BAAD-FX | YNFFXC060BAAD-FX | YNFFXC036BAAD-FX | YNFFXC048BAAD-FX | YNFFXC060BAAD-FX | |
| York Outdoor Model | | YNVFC024BAADA-X | YNVFC036BAADA-X | YNVFC048BAADB-1 | YNVFC060BAADB-1 | YNVFC036BAQDB-1 | YNVFC048BAQDB-1 | YNVFC060BAQDB-1 | |
| Indoor Power supply | V-ph-Hz | 220-230-1-60 | 220-230-1-60 | 220-230-1-60 | 220-230-1-60 | 220-230-1-60 | 220-230-1-60 | 220-230-1-60 | |
| Outdoor Power supply | V-Ph-Hz | 220-230-1-60 | 220-230-1-60 | 220-230-1-60 | 220-230-1-60 | 220-230-3-60 | 220-230-3-60 | 220-230-3-60 | |
| Max. input consumption | W | 3800 | 5350 | 5600 | 6800 | 5350 | 5600 | 6800 | |
| Max. current | A | 17.5 | 24.5 | 25 | 30 | 14 | 17 | 21 | |
| Cooling | Capacity | Btu/h | 24000 | 36000 | 48000 | 58000 | 36000 | 48000 | 58000 |
| | Input | W | 2512 | 3768 | 5024 | 6070 | 3768 | 5024 | 6070 |
| | EER | W/W | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| Indoor fan motor | Qty | | 1 | 1 | 2 | 2 | 1 | 2 | |
| | Input | W | 165/125/95 | 235/200/172 | 174/157/144 | 231/186/164 | 235/200/172 | 174/157/144 | 231/186/164 |
| | Capacitor | µF | 2.5UF/450V | 5UF/450V | 6.5UF/450V | 6.5UF/450V | 5UF/450V | 6.5UF/450V | 6.5UF/450V |
| | Speed(Hi/Med/Lo) | r/min | 1470/1210/995 | 1320/1175/1050 | 1400/1220/1090 | 1630/1530/1420 | 1320/1175/1050 | 1400/1220/1090 | 1630/1530/1420 |
| Indoor air flow(Hi/Med/Lo) | m³/h | 1296/980/775 | 1830/1600/1410 | 2548/2104/1790 | 2890/2422/2281 | 1830/1600/1410 | 2548/2104/1790 | 2890/2422/2281 | |
| Indoor noise level (sound pressure)(Hi/Med/Lo) | dB(A) | 55/48/42 | 58/54/50 | 58/54/50 | 58/56/55 | 58/54/50 | 58/54/50 | 58/56/55 | |
| Throttle type | | Throttle valve | Throttle valve | Throttle valve | Throttle valve | Throttle valve | Throttle valve | Throttle valve | |
| Indoor unit | Dimension (WxDxH) | mm | 1068x675x235 | 1285x675x235 | 1650x675x235 | 1650x675x235 | 1285x675x235 | 1650x675x235 | 1650x675x235 |
| | Packing (WxDxH) | mm | 1145x755x313 | 1360x755x313 | 1725x755x313 | 1725x755x313 | 1360x755x313 | 1725x755x313 | 1725x755x313 |
| | Net/Gross weight | kg | 25.7/30.5 | 33/39 | 39.5/46 | 41.5/47.8 | 33/39 | 39.5/46 | 41.5/47.8 |
| Design pressure | MPa | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | |
| Drainage water pipe diameter | mm | ODØ25 | ODØ25 | ODØ25 | ODØ25 | ODØ25 | ODØ25 | ODØ25 | |
| Refrigerant piping | Liquid side/Gas side | mm(inch) | Ø9.52/Ø15.9(3/8"/5/8") | Ø9.52/Ø19(3/8"/3/4") | Ø9.52/Ø22(3/8"/7/8") | Ø9.52/Ø22(3/8"/7/8") | Ø9.52/Ø19(3/8"/3/4") | Ø9.52/Ø22(3/8"/7/8") | Ø9.52/Ø22(3/8"/7/8") |
| Controller | | Remote control | Remote control | Remote control | Remote control | Remote control | Remote control | Remote control | |
| Operation temperature | °C | 17-30 | 17-30 | 17-30 | 17-30 | 17-30 | 17-30 | 17-30 | |
| Room temperature | Cooling | °C | 17-32 | 17-32 | 17-32 | 17-32 | 17-32 | 17-32 | |
| Qty'per 20' /40' /40'HQ (indoor unit) | | 102/220/252 | 92/188/213 | 72/147/167 | 72/147/167 | 92/188/213 | 72/147/167 | 72/147/167 | |
| Compressor | Type | | ROTARY | ROTARY | Scroll | Scroll | ROTARY | Scroll | scroll |
| | Capacity | Btu/h | 24617 | 34529 | 48800 | 57000 | 35314 | 49000 | 57500 |
| | Input | W | 2310 | 3260 | 4540 | 5460 | 3400 | 4537 | 5320 |
| | Rated current(RLA) | A | 11.3 | 15.6 | 25.1 | 25.6 | 10.9 | 18.7 | 15.2 |
| | Locked rotor Amp(LRA) | A | 62 | 72 | 138 | 178 | 81 | 136.8 | 136 |
| | Thermal protector position | | Internal | Internal | Internal | Internal | Internal | Internal | Internal |
| | Capacitor | µF | 60uF/450V | 45uF/450V | 80uF/450V | 80uF/440V | / | / | / |
| | Refrigerant oil | ml | 700 | 1867 | 1242 | 1242 | 880 | 1242 | 1242 |
| Outdoor fan motor | Qty | | 1 | 1 | 1 | 1 | 1 | 1 | |
| | Input | W | 305 | 305 | 310 | 310 | 310 | 310 | |
| | Capacitor | µF | 6UF/450V | 6UF/450V | 12uF/450V | 12uF/450V | 12uF/450V | 12uF/450V | 12uF/450V |
| | Speed | r/min | 1110 | 1110 | 1095 | 1095 | 1095 | 1095 | 1095 |
| Outdoor air flow | m³/h | 5100 | 5100 | 7400 | 7400 | 7400 | 7400 | 7400 | |
| Outdoor noise level (sound pressure) | dB(A) | 65 | 67 | 68 | 64 | 68 | 68 | 64 | |
| Outdoor unit | Dimension(WxDxH) | mm | 600x600x633 | 600x600x633 | 710x710x759 | 740x740x843 | 710x710x759 | 710x710x759 | 740x740x843 |
| | Packing (WxDxH) | mm | 628x628x667 | 628x628x667 | 738x738x794 | 768x768x872 | 738x738x794 | 738x738x794 | 768x768x872 |
| | Net/Gross weight | kg | 43/46.5 | 60/63.5 | 75/78.5 | 88.1/92.8 | 73.3/77.8 | 75/78.5 | 88.1/92.8 |
| Refrigerant | Type | | R410A | R410A | R410A | R410A | R410A | R410A | R410A |
| | Charged volume | kg | 1.6 | 3.0 | 3.7 | 4.2 | 2.6 | 3.7 | 4.2 |
| Design pressure | MPa | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | |
| Refrigerant piping | Liquid side/ Gas side | mm | Ø9.52/Ø15.9(3/8"/5/8") | Ø9.52/Ø19(3/8"/3/4") | Ø9.52/Ø22(3/8"/7/8") | Ø9.52/Ø22(3/8"/7/8") | Ø9.52/Ø19(3/8"/3/4") | Ø9.52/Ø22(3/8"/7/8") | Ø9.52/Ø22(3/8"/7/8") |
| | Max. refrigerant pipe length | m | 25 | 30 | 50 | 50 | 30 | 50 | 50 |
| | Max. difference in level | m | 15 | 20 | 25 | 25 | 20 | 25 | 25 |
| Ambient temperature | Cooling | °C | 0-50 | 0-50 | 0-50 | 0-50 | 0-50 | 0-50 | |
| Qty'per 20' /40' /40'HQ (outdoor unit) | | 81/171/228 | 81/171/228 | 42/96/144 | 72/147/167 | 42/96/144 | 42/96/144 | 72/147/167 | |

Nominal testing conditions:

Cooling-Indoor 80.60°F DB/66.2°F WB(27.00°C DB/19.00°C WB) & outdoor 95°F DB/75.20°F WB(35.00°C DB/24.00°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)



Johnson Controls, the Johnson Controls logo, YORK are registered trademarks of Johnson Controls, Inc in the United States of America and other countries. Other trademarks used herein may be trademarks or registered trademarks of other companies.

FOR MORE INFORMATION CONTACT JOHNSONCONTROLS.COM

© 2017 Johnson Controls, Inc, P.O. Box 423, Milwaukee, WI 53201, All rights reserved worldwide.

SNFFZCBAA-171031