



YORK® Ducted Inverter

YEKE 18 to 55 HEAT PUMP and
YMGJZH096 HEAT PUMP

A complete range from 18000 btu/h to 55000 btu/h and 96000 btu/h



Features

- Reserved remote on-off and alarm ports
- Compact size
- High velocity air flow
- Low noise
- Washable air filter
- Auto-restart
- Universal spares
- High efficiency compressor
- 3-minute protection
- Valve protection cover
- Easy installation & maintenance
- Sturdy & durable build
- Fresh air-intake (optional)
- Drain pump (optional)

Remote Control



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

YEKE 18 to 55 BZE(O)EBMORX YMGJZH096BANADG1

A complete range from 18000 btu/h to 55000 btu/h and 96000 btu/h



Auto Restart



Self Diagnosis



24-Hour Timer



Muti-Speed Fan



3-Minute Protection



Washable Filter



Low Ambient Cooling at -15°C



DC Inverter Compressor



Technical features

| York set model | | YEKE18BZEEMORX | YEKE24BZEEMORX | YEKE36BZEEMORX | YEKE48BZEEMORX | YEKE55BZEEMORX | YMGJZH096BANADG1 | |
|--|--------------------------|-------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|
| York indoor model | | YEKE18BXEEM-RX | YEKE24BXEEM-RX | YEKE36BXEEM-RX | YEKE48BXEEM-RX | YEKE55BXEEM-RX | YMGJXH096BANA-G1 | |
| York outdoor model | | YUKE18BYEEMO-X | YUKE24BYEEMO-X | YUKE36BYEEMO-X | YUKE48BYEEMO-X | YUKE55BYEEMO-X | YMGJYH096BANAD-1 | |
| Power supply (Outdoor) | V- Ph-Hz | 220-240-1-50 | 220-240-1-50 | 220-240-1-50 | 380-415-3-50 | 380-415-3-50 | 380-415-3-50 | |
| Max. input consumption | W | 2200 | 2950 | 4500 | 6100 | 7500 | 9250+850 | |
| Max. input current | A | 10.0 | 14.0 | 21.0 | 13.0 | 14.0 | 16+4.5 | |
| Cooling | Capacity | Btu/h | 18000(2700-21000) | 24000(4100-28000) | 36000(10000-41000) | 48000(14000-56000) | 54000(17000-61800) | 88700(34000-102000) |
| | Capacity | kW | 5.28(0.79-6.15) | 7.03(1.20-8.21) | 10.55(2.93-12.02) | 14.07(4.10-16.41) | 15.82(4.98-18.11) | 26.00(10.00-30.00) |
| | Input | W | 1685(260-2365) | 2285(400-3155) | 3965(975-4620) | 5115(1370-6310) | 5255(1660-6965) | 8211(2400-9800) |
| | Current | A | 7.7(1.2-10.80) | 10.4(1.8-14.4) | 18.1(4.2-20.1) | 8.8(2.4-10.9) | 9.1(2.9-12.0) | 36.4(10.7-43.5) |
| | SEER | W/W | 6.5 | 6.1 | 6.3 | 6.1 | 6.1 | / |
| | Energy Efficiency Class | | A++ | A++ | A++ | A++ | A++ | / |
| Heating | Capacity | Btu/h | 19000(3000-24000) | 24000(4100-29500) | 38000(9000-45000) | 55000(14800-61850) | 62000(18000-70000) | 90000 (44000 - 102000) |
| | Capacity | kW | 5.67(0.88-7.03) | 7.03(1.20-8.65) | 11.13(2.64-13.19) | 16.12(4.34-18.13) | 18.17(5.28-20.51) | 26.42(13.00-30.00) |
| | Input | W | 1460(290-2510) | 1900(400-3090) | 2923(880-4690) | 4355(1445-6475) | 5033(1760-7320) | 7828 (2400-9800) |
| | Current | A | 6.7(1.3-11.5) | 8.7(1.8-14.1) | 13.4(3.8-20.4) | 7.5(2.5-11.2) | 8.7(3.0-12.6) | 35.5 (10.7- 43.5) |
| | SCOP | W/W | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | / |
| | Energy Efficiency Class | | A+ | A+ | A+ | A+ | A+ | / |
| Indoor fan motor | Qty | | 1 | 1 | 1 | 1 | 1 | |
| | Input | W | 90(Output) | 90(Output) | 240(Output) | 240(Output) | 240(Output) | 750(Output) |
| | Speed(Hi/Med/Lo) | r/min | 930/850/800 | 1080/1000/890 | 950/870/820 | 1180/1070/980 | 1180/1070/980 | 1250/1160/1090 |
| Indoor air flow | | m ³ /h | 1050/900/780 | 1360/1200/970 | 1750/1500/1280 | 2200/1900/1600 | 2200/1900/1600 | 4641/4173/3734 |
| ESP | Rated/Range | Pa | 25/0-100 | 25/0-100 | 37/0-100 | 50/0-100 | 50/0-100 | 72/0-200 |
| Indoor sound pressure level | | dB(A) | 44/40/37 | 46/42/38 | 48/45/40 | 50/47/44 | 50/47/45 | 56/54/52 |
| Indoor unit | Dimension (WxDxH) | mm | 920x635x270 | 920x635x270 | 1200x865x300 | 1200x865x300 | 1200x865x300 | 1470x795x510 |
| | Packing (WxDxH) | mm | 1150x655x350 | 1150x655x350 | 1405x920x373 | 1405x920x373 | 1405x920x373 | 1555x875x545 |
| | Net/Gross weight | kg | 26.9/31.5 | 28/31.5 | 45/53 | 43.2/51.6 | 43.1/51.5 | 83/92 |
| Design pressure | | MPa | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.4/2.6 |
| Drainage water pipe diameter | | mm | ODØ25 | ODØ25 | ODØ25 | ODØ25 | ODØ25 | ODØ41 |
| Room temperature | Cooling/Heating | °C | | | 17-32/0-30 | | | 17-32/10-30 |
| Qty/per 20' /40' /40'HQ | Indoor unit | | 108/216/252 | 108/216/252 | 60/126/147 | 60/126/147 | 60/126/147 | 28/60/90 |
| Compressor | Type | | ROTARY | ROTARY | ROTARY | ROTARY | ROTARY | Scroll |
| | Input | W | 1035 | 1970 | 2600 | 3420 | 3420 | 7150 |
| | Rated current (RLA) | A | 7.32 | 6.95 | 5.10 | 6.85 | 6.85 | 17 |
| | Refrigerant oil | ml | ESTER OIL VG74/450 | POE(VG74)/670 | PQE(VG74)/1000 | Ester Oil VG74/1400 | Ester Oil VG74/1400 | 500 |
| Outdoor fan motor | Qty | | 1 | 1 | 1 | 2 | 2 | 1 |
| | Output | W | 40(Output) | 50(Output) | 120(Output) | 85(Output) x2 | 85(Output) x2 | 750(Output) |
| | Speed (Hi) | r/min | 850 | 760 | 950 | 850 | 850 | 870 |
| Outdoor air flow | | m ³ /h | 2100 | 2700 | 4300 | 6800 | 7200 | 13500 |
| Outdoor sound pressure level/Outdoor sound power level | | dB(A) | 56.5/64 | 60.5/65 | 61/66 | 65/72 | 62.5/75 | 66/73 |
| Outdoor unit | Dimension(WxDxH) | mm | 800x333x554 | 845x363x702 | 946x410x810 | 952x410x1333 | 952x410x1333 | 948x982x1585 |
| | Packing(WxDxH) | mm | 920x390x615 | 965x395x755 | 1090x500x865 | 1095x500x1470 | 1095x500x1470 | 1010x1000x1705 |
| | Net/Gross weight | kg | 35.5/38.4 | 49/51.5 | 67.2/72.9 | 108.1/121.2 | 112.8/126 | 232.2/257.2 |
| Refrigerant | Type | | R410A | R410A | R410A | R410A | R410A | R410A |
| | Charged quantity | kg | 1.48 | 1.95 | 3.2 | 4 | 4.3 | 11.2 |
| Design pressure | | MPa | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.2/1.5 | 4.4/2.6 |
| Refrigerant piping | Liquid side/ Gas side | mm(inch) | 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") | Ø9.52/Ø15.9(3/8"/5/8") | Ø12.7/Ø28.6(1/2"/1 1/8") |
| | Max. pipe length | m | 30 | 50 | 65 | 65 | 65 | 50 |
| | Max. difference in level | m | 20 | 25 | 30 | 30 | 30 | 30 |
| Ambient temperature | Cooling/Heating | °C | | | -15-50/-15-24 | | | 15-48/-15-24 |
| Qty/per 20' /40' /40'HQ | Outdoor unit | | 108/219/292 | 102/216/216 | 44/96/144 | 22/46/46 | 22/46/46 | 10/24/24 |

Nominal cooling capacity based on : - Indoor Air Temp. 27°C DB / 19°C WB - Outdoor Air Temp. 35°C DB
 Nominal heating capacity based on : - Indoor Air Temp. 21°C DB - Outdoor Air Temp. 7°C DB/6°C WB