



KFR-**BG SERIES



| Model No. | | | 9K | 12K | 18K | 24K | 30K |
|---|--------------------|--------|---------------|---------------|---------------|----------------|----------------|
| Type | | | Heating Pump | Heating Pump | Heating Pump | Heating Pump | Heating Pump |
| Rated cooling capacity | Btu/h;W | | 9000;2500 | 12000;3520 | 18000;5280 | 24000;7030 | 30000; 8900 |
| Rated heating capacity | Btu/h;W | | 9500;2650 | 12500;3660 | 18500;5420 | 24500;7180 | 30500; 8940 |
| Moisture removal | Liters/h | | 0.6 | 1.5 | 2.0 | 2.4 | 2.5 |
| Pressure | High(DP) | MPa | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| | Low(SP) | MPa | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| Indoor noise level at cooling | High | dB(A) | 36 | 39 | 47 | 48 | 49 |
| | Med. | dB(A) | 34 | 36 | 45 | 46 | 47 |
| | Low | dB(A) | 32 | 34 | 43 | 44 | 45 |
| Outdoor noise level | dB(A) | | 51 | 52 | 57 | 59 | 60 |
| Voltage Range | V | | 198~264 | 198~264 | 198~264 | 198~264 | 198~264 |
| Rated current | Cooling | A | 5.2 | 5.8 | 9.8 | 13.2 | 14.3 |
| | Heating | A | 4.4 | 5.8 | 8.6 | 12.3 | 13.5 |
| Rated input | Cooling | W | 1136 | 1280 | 2150 | 2900 | 3140 |
| | Heating | W | 947 | 1270 | 1900 | 2700 | 2980 |
| Annual energy consumption | kwh (cooling) | | 568 | 640 | 1075 | 1450 | 1570 |
| Max Current | Cooling | A | 6.8 | 7.5 | 12.7 | 17.2 | 18.6 |
| | Heating | A | 5.7 | 7.5 | 11.2 | 16 | 17.6 |
| Max Power input | Cooling | W | 1477 | 1660 | 2800 | 3770 | 4082 |
| | Heating | W | 1231 | 1650 | 2470 | 3510 | 3870 |
| Refrigerant/Charge | Gram | | R410A | R410A | R410A | R410A | R410A |
| Compressor | Type | | Rotary | Rotary | Rotary | Rotary | Rotary |
| Compressor model No. | | | GMCC | GMCC | HIGHLY | HIGHLY | HIGHLY |
| Compressor model No. | | | ASN89V1UDZ | PA135G1C-4FTL | ASH201SV-C8LU | ASH264SV-C8LU | ATH356CV-C9LU |
| Indoor air circulation(Cooling/Heating) | m ³ /h | | 400/430 | 530/530 | 760/780 | 760/780 | 1000/1000 |
| Connecting Pipe | Gas | Inches | 3/8" | 3/8" | 1/2" | 5/8" | 5/8" |
| | Liquid | Inches | 1/4" | 1/4" | 1/4" | 3/8" | 3/8" |
| Connecting Wiring | Size x Core number | | 1.0x3; 0.75x2 | 1.0x3; 0.75x2 | 1.5x3; 0.75x2 | 0.75x4; 0.75x2 | 0.75x4; 0.75x2 |
| Suitable area | m ² | | 6~10 | 15~23 | 20~35 | 30~50 | 48~70 |
| Net dimensions (W x H x D) | Indoor | mm | 718x240x180 | 770x240x180 | 900x280x202 | 900x280x202 | 1240x325x250 |
| | Outdoor | mm | 600x232x500 | 760x552x256 | 760x256x552 | 902x315x650 | 900x805x360 |
| Net weight | Indoor | kg | 7 | 8 | 11 | 11 | 14 |
| | Outdoor | kg | 24 | 30 | 36 | 52 | 54 |
| Packing dimensions (W x H x D) | Indoor | mm | 805x305x255 | 855x305x255 | 985x365x298 | 985x365x298 | 1317x422x338 |
| | Outdoor | mm | 745x353x550 | 863x590x361 | 863x361x590 | 1028x430x705 | 1031x925x447 |
| Gross weight | Indoor | kg | 8 | 10 | 14 | 14 | 17 |
| | Outdoor | kg | 26 | 34 | 40 | 58 | 60 |