



FIXED SPEED HI WALL SYSTEM STANDARD EFFICIENCY FEATURES



| Capacity | | | 9K CO | 12K CO | 18K CO | 24K CO |
|----------------------------------|------------------------------|----------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Indoor | | | BFCFFF09131A3 | BFCFFF12131A3 | BFCFFF18131A3 | BFCFFF24131A3 |
| Outdoor | | | BCCHFF09131A3 | BCCHFF12131A3 | BCCHFF18131A3 | BCCHFF24131A3 |
| Power supply | V-Ph-Hz | | 220-230V, 1Ph, 60Hz | 220-230V, 1Ph, 60Hz | 220-230V, 1Ph, 60Hz | 220-230V, 1Ph, 60Hz |
| Cooling (Standard conditions) | Capacity (range) | Btu/hr | 9000(-/-) | 11000(-/-) | 18000(-/-) | 24000(0-0) |
| | Input | W | 880(-1550) | 1076(-1680) | 1758(-/-) | 2344(0-0) |
| | Current | A | 3.9(-9.5) | 4.8(-9.1) | 7.8(-/-) | 10.4(0-0) |
| | EER | Btu/hr/W | 10.24 | 10.27 | 10.24 | 10.24 |
| Rated current | A | 9.5 | 9.1 | 12.5 | 16 | |
| Rated input | W | 1550 | 1680 | 2350 | 3000 | |
| Compressor | Model | | KSN82N13VDZB1 | KSM106N1VDZK | PA170M2A-3ET6 | PA236G2C-3MTL |
| | Type | | ROTARY | ROTARY | ROTARY | ROTARY |
| | Brand | | GMCC | GMCC | GMCC | GMCC |
| | Capacity | W | 2970/3015 ±3% W | 3910/3970 | 5030/5105 | 8174/8260 |
| | Input | W | 710/718 ±3% W | 925/935 | 1665/1670 | 1865/1885 |
| | Locked rotor Amp(LRA) | A | 20 | 24 | 41.9 | 62 |
| | Thermal protector | | / | UP3-41/HPA-622 | / | UP3-68 |
| | Thermal protector position | | INTERNAL | INTERNAL | INTERNAL | INTERNAL |
| | Capacitor | uF | 20 | 35 | 40 | 60 |
| | Refrigerant oil/oil charge | ml | ESTER OIL VG68-270±10 ml | ESTER OIL VG68 300 | ESTER OIL VG74/420 | VG74/620 |
| Indoor fan motor | Model | | YKFG-20-4-10L | YKFG-20-4-10L | YKFG-28-4-6-5 | YKFG-45-4-13 |
| | Input | W | 47.4 | 47.4 | 58.5 | 89 |
| | Capacitor | uF | 1.5 | 1.5 | 1.5 | 3 |
| | Speed(Hi/Mi/Lo) | r/min | 1200/950/850 | 1200/950/850 | 1290 | 1200/1050/950 |
| Indoor air flow (Turbo/Hi/Mi/Lo) | m3/h | | 550/490/370/320 | 600/580/440/380 | 825/745/600/530 | 1050/994/843/749 |
| | CFM | | 323.53/288.24/217.65/188.24 | 352.94/341.18/258.82/223.53 | 485.29/438.24/352.94/311.76 | 617.65/584.71/495.88/440.59 |
| Indoor noise level (Hi/Mi/Lo) | dB(A) | | 37.5/31.5/28 | 41/34/31 | 44/40/37 | 44/40/37 |
| | CFM | | 323.53/288.24/217.65/188.24 | 352.94/341.18/258.82/223.53 | 485.29/438.24/352.94/311.76 | 617.65/584.71/495.88/440.59 |
| Indoor unit | Dimension(W*D*H) | mm | 715x194x285 | 805x194x285 | 957x213x302 | 1040x220x327 |
| | Dimension(W*D*H) | inch | 28.15x7.64x11.22 | 31.69x7.64x11.22 | 37.68x8.39x11.89 | 40.94x8.66x12.87 |
| | Packing (W*D*H) | mm | 780x270x365 | 870x270x365 | 1035x295x385 | 1120x405x315 |
| | Packing (W*D*H) | inch | 30.71x10.63x14.37 | 34.25x10.63x14.37 | 40.75x11.61x15.16 | 44.09x15.94x12.40 |
| | Net/Gross weight | kg | 7.7/9.8 | 8.5/10.6 | 10.9/13.7 | 13.2/17 |
| | Net/Gross weight | lb | 16.98/21.61 | 18.74/23.37 | 24.03/30.20 | 29.10/37.48 |
| Outdoor fan motor | Model | | YKT-24-6-236L | YKT-24-6-236L | YKT-48-6-219-1 | YKT-63-6-204L |
| | Capacitor | uF | 2.5 | 2 | 2.5 | 4 |
| Outdoor air flow | r/min | | 850/730 | 850/730 | 880 | 780 |
| | m3/h | | 1800 | 2091 | 2100 | 3300 |
| Outdoor air flow | CFM | | 1058.82 | 1230.00 | 1235.29 | 1941.18 |
| Outdoor noise level | dB(A) | | 55.5 | 53 | 58.5 | 58 |
| Outdoor unit | Throttle type | / | Capillary | Capillary | Capillary | Throttle valve |
| | Dimension(W*D*H) | mm | 720x270x495 | 720x270x495 | 765x303x555 | 890x342x673 |
| | Dimension(W*D*H) | inch | 28.35x10.63x19.49 | 28.35x10.63x19.49 | 30.12x11.93x21.85 | 35.04x13.46x26.50 |
| | Packing (W*D*H) | mm | 835x300x540 | 835x300x540 | 887x337x610 | 995x398x740 |
| | Packing (W*D*H) | inch | 32.87x11.81x21.26 | 32.87x11.81x21.26 | 34.92x13.27x24.02 | 39.17x15.67x29.13 |
| | Net/Gross weight | kg | 22.2/24 | 25.7/27.5 | 34.5/36.8 | 49.3/52.3 |
| | Net/Gross weight | lb | 48.94/52.91 | 56.66/60.63 | 76.06/81.13 | 108.69/115.30 |
| Refrigerant type | | R410A | R410A | R410A | R410A | |
| Refrigerant charge | kg | | 0.44 | 0.52 | 0.88 | 1.28 |
| | oz | | 16 | 18.3 | 31 | 45 |
| Additional charge per metre | g/m | | 15 | 15 | 15 | 30 |
| Additional charge for each ft | oz/ft | | 0.16 | 0.16 | 0.16 | 0.32 |
| Refrigerant piping | Liquid side/ Gas side | mm(inch) | 6.35mm(1/4in)/9.52mm(3/8in) | 6.35mm(1/4in)/12.7mm(1/2in) | 6.35mm(1/4in)/12.7mm(1/2in) | 9.52mm(3/8in)/15.9mm(5/8in) |
| | Max. refrigerant pipe length | m | 20 | 20 | 25 | 25 |
| | Max. difference in level | ft | 65.62 | 65.62 | 82.02 | 82.02 |
| | Max. difference in level | m | 8 | 8 | 10 | 10 |
| | Max. difference in level | ft | 26.25 | 26.25 | 32.81 | 32.81 |
| Connection wiring | | | 1.5x3// | 1.5x3// | 1.5x3// | 1.0x4// |
| Thermostat type | | | Remote Control | Remote Control | Remote Control | Remote Control |
| Room temperature | Indoor(cooling) | °C | 17~32 | 17~32 | 17~32 | 17~32 |
| | Outdoor(cooling) | °C | 18~43 | 18~43 | 18~43 | 18~43 |
| Qty per 20' /40' /40'HQ | | | 138/284/312 | 132/274/305 | 90/190/222 | 66/137/156 |