# ACTIVE LINE DC INVERTER

Wall HKEU 263 ZAL - HKEU 353 ZAL-1
HKEU 533-713 ZAL

| | SEER | SCOP |
|---|---|---|
| 2.64 kW | 6.30/A++ | 4.00/A+ |
| 3.52 kW | 6.10/A++ | 4.00/A+ |
| 5.28 kW | 7.10/A++ | 4.00/A+ |
| 7.03 kW | 6.10/A++ | 4.00/A+ |

Remote control included as standard

**-15~50° C** in cooling
**-15~30° C** in heating
**25 dB(A)** extremely quiet (2.64/3.52/5.28)

optional Wi-Fi


| Indoor unit model | | | HKEU 263 ZAL | HKEU 353 ZAL-1 | HKEU 533 ZAL | HKEU 713 ZAL |
|---|---|---|---|---|---|---|
| Outdoor unit model | | | HCNMX 263 ZA | HCNMX 353 ZA | HCNI 533 ZA | HCNI 713 ZA |
| Type | | | DC-Inverter heat pump | | | |
| Control (included) | | | Remote control | | | |
| Rated capacity (T=+35°C) | Cooling | kW | 2.64 (0.91~3.40) | 3.52 (1.11~4.16) | 5.28 (1.82~6.13) | 7.03 (2.08~7.95) |
| Rated absorbed power (T=+35°C) | | kW | 0.73 (0.10~1.24) | 1.21 (0.13~1.58) | 1.54 (0.14~2.36) | 2.35 (0.16~2.96) |
| Rated energy efficiency coefficient | | EER[3] | 3.62 | 2.91 | 3.43 | 2.99 |
| Seasonal energy efficiency class | | 626/2011[1] | A++ | A++ | A++ | A++ |
| Seasonal energy efficiency index | | SEER[2] | 6.30 | 6.10 | 7.10 | 6.10 |
| Annual energy consumption | | kWh/a | 156 | 221 | 256 | 412 |
| Theoretical load (Pdesignc) | | kW | 2.80 | 3.60 | 5.20 | 7.00 |
| Rated capacity (T=+7°C) | Heating | kW | 2.93 (0.82~3.37) | 3.81 (1.08~4.22) | 5.57 (1.38~6.74) | 7.33 (1.61~8.79) |
| Rated absorbed power (T=+7°C) | | kW | 0.73 (0.12~1.20) | 1.09 (0.10~1.68) | 1.48 (0.20~2.41) | 2.04 (0.26~3.14) |
| Rated energy performance coefficient | | COP[3] | 4.01 | 3.50 | 3.76 | 3.59 |
| Energy efficiency class (average season) | | 626/2011[1] | A+ | A+ | A+ | A+ |
| Seasonal energy efficiency class index (average season) | | SCOP[2] | 4.00 | 4.00 | 4.00 | 4.00 |
| Annual energy consumption | | kWh/a | 910 | 945 | 1435 | 1697 |
| Theoretical load (Pdesignh) @-10°C | | kW | 2.60 | 2.70 | 4.10 | 4.80 |
| Operating limits (outside temperature) | Cooling | °C | -15~50 | | | |
| | Heating | °C | -15~30 | | | |
| **Electrical data** | | | | | | |
| Power supply | Outdoor unit | Ph-V-Hz | 1Ph - 220/240V - 50Hz | | | |
| Power cable | | Type | 3 x 2.5 mm² | | 3 x 4 mm² | |
| Connection wires between I.U. and O.U. | | no. | 5 | 5 | 5 | 5 |
| Absorbed current | Cooling | A | 3.20 (0.40~5.40) | 5.30 (0.50~6.90) | 6.90 (0.60~10.30) | 10.20 (0.70~13.30) |
| | Heating | A | 3.20 (0.50~5.20) | 4.70 (0.40~6.90) | 6.40 (0.90~10.50) | 10.20 (1.10~13.30) |
| Maximum current | | A | 10.00 | 10.00 | 13.50 | 17.50 |
| Maximum absorbed power | | kW | 2.15 | 2.15 | 2.95 | 3.85 |
| **Refrigerant circuit** | | | | | | |
| Refrigerant (GWP)[4] | | | R32 (675) | R32 (675) | R32 (675) | R32 (675) |
| Quantity refrigerant pre-load | | Kg | 0.55 | 0.55 | 1 | 1.6 |
| Tons of CO2 equivalent | | t | 0.371 | 0.371 | 0.675 | 1.080 |
| Diameter of refrigerant piping on liquid/gas | | mm (inches) | ø6.35(1/4") - ø9.52(3/8") | ø6.35(1/4") - ø9.52(3/8") | ø6.35(1/4") - ø12.74(1/2") | ø9.52 (3/8") - ø15.88 (5/8") |
| Max splitting length | | m | 25 | 25 | 30 | 50 |
| Max height difference I.U./O.U. | | m | 10 | 10 | 20 | 25 |
| Split length without additional charge | | m | 5 | 5 | 5 | 5 |
| Additional load | | g/m | 12 | 12 | 12 | 24 |
| **Indoor unit specifications** | | | | | | |
| Dimensions | LxDxH | mm | 805x194x285 | 805x194x285 | 957x213x302 | 1040x220x327 |
| Net weight | | Kg | 7.6 | 7.6 | 10 | 12.3 |
| Sound pressure level (I.U.) | Hi/Mi/Lo | dB(A) | 38.5/32/25 | 40.5/34.5/25 | 44/37/25 | 44.5/42/28 |
| Sound power level (I.U.) | Hi | dB(A) | 54 | 55 | 55 | 59 |
| Treated air volume | Hi/Mi/Lo | m³/h | 466/360/325 | 540/430/314 | 840/680/540 | 980/817/662 |
| Motor power (Output) | | W | 40 | 40 | 36 | 58 |
| Diameter of condensate drain | | mm | - | - | - | - |
| **Specifications of outdoor units** | | | | | | |
| Dimensions | LxDxH | mm | 720x270x495 | 720x270x495 | 800x333x554 | 845x363x702 |
| Net weight | | Kg | 23.2 | 23.2 | 34 | 51.5 |
| Sound pressure level (O.U.) | | dB(A) | 55.5 | 56 | 56 | 59.5 |
| Sound power level (O.U.) | | dB(A) | 62 | 63 | 61 | 67 |
| Treated air (Max) | | m³/h | 1750 | 1800 | 2500 | 3000 |
| Motor power (Output) | | W | - | - | 63 | 115 |
| **Optional parts** | | | | | | |
| Wired remote control | | | NO | | | |
| Centralized control | | | NO | | | |
| Wi-Fi module | | | HKM-WIFI | | | |

1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No.206/2012 - - Value measured according to harmonised standard EN14825. 3 Value measured according to harmonised standard EN14511. 4 Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO2, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.