# FLOOR/CEILING

## TWO TYPES OF INSTALLATION

New design and ease of control, elegant and slim profile.

Large air distribution grille with aerodynamic flaps to ensure fast operation and reduce noise levels.

## OPERATION

-15~**52°**C
**in cooling**

-15~24°C
**in heating**

## PERFORMANCE

| MODEL | SEER | SCOP |
|---|---|---|
| **5.30 kW** | 6.20 | 4.20 |
| **7.03 kW** | 6.20 | 4.00 |

# HSFDM 530 ZAL | HSFDS 710 ZA

Remote control included

**-15~52° C** in cooling
**-15~24° C** in heating

**Double installation possibility**, floor or ceiling

The increased air flow allows for better air conditioning even in the largest rooms

| **Indoor unit model** | | | **HSFDM 530 ZAL** | **HSFDS 710 ZA** |
|---|---|---|---|---|
| **Outdoor unit model** | | | **HCKDS 530 ZA** | **HCKDS 710 ZA** |
| Type | | | DC-Inverter heat pump | |
| Control (supplied) | | | Remote control | |
| **Nominal data** | | | | |
| Nominal capacity (T=+35°C) | Cooling | kW | 5.30 (1.60~6.00) | 7.03 (2.16~8.20) |
| Nominal absorbed power (T=+35°C) | | kW | 1.55 (0.48~2.30) | 2.15 (0.67~3.30) |
| Nominal energy efficiency coefficient | | EER[1] | 3.42 | 3.27 |
| Nominal capacity (T=+7°C) | Heating | kW | 5.70 (1.40~7.20) | 7.62 (1.98~9.30) |
| Nominal absorbed power (T=+7°C) | | kW | 1.52 (0.47~2.40) | 2.05 (0.65~3.30) |
| Nominal energy performance coefficient | | COP[1] | 3.75 | 3.72 |
| **Seasonal data** | | | | |
| Theoretical load (Pdesignc) | Cooling | kW | 5.40 | 7.20 |
| Seasonal energy efficiency index | | SEER[2] | 6.20 | 6.20 |
| Seasonal energy efficiency class | | 626/2011[3] | A++ | A++ |
| Annual energy consumption | | kWh/a | 303 | 404 |
| Theoretical load (Pdesignh) @ -10°C | Heating (average weather conditions) | kW | 4.50 | 5.50 |
| Seasonal performance coefficient | | SCOP[2] | 4.20 | 4.00 |
| Seasonal energy efficiency (ηs) | | % | 165 | 157 |
| Seasonal energy efficiency class | | 626/2011[3] | A+ | A+ |
| Annual energy consumption | | kWh/a | 1500 | 1897 |
| **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 |
| Wiring between I.U. and O.U. | | no. | 4 | 4 |
| Nominal absorbed electric current | Cooling | A | 6.70 (2.10~10.00) | 9.30 (2.90~14.40) |
| | Heating | A | 6.60 (2.00~10.40) | 8.90 (2.80~14.40) |
| Max current | | A | 12.00 | 16.00 |
| Max absorbed power | | kW | 2.40 | 3.65 |
| **Refrigerant circuit data** | | | | |
| Refrigerant[4] | | Type (GWP) | R32 (675) | |
| Q.ty of refrigerant pre-charge | | Kg | 1.03 | 1.45 |
| Tons of CO2 equivalent | | t | 0.695 | 0.979 |
| Liquid/gas refrigerant pipe diameter | | mm (inches) | 6.35(1/4") / 12.74(1/2") | 9.52(3/8") / 15.88(5/8") |
| Max split length | | m | 30 | 50 |
| Max difference in height I.U./O.U. | | m | 20 | 25 |
| Split length without additional charge | | m | 5 | 5 |
| Additional charge | | g/m | 30 | 50 |
| **Indoor unit specifications** | | | | |
| Dimensions | LxDxH | mm | 1000x690x235 | 1280x690x235 |
| Net weight | | Kg | 28 | 34 |
| Sound power level | Erp test | dB(A) | 52 | 54 |
| Sound pressure level | Hi/Mi/Lo | dB(A) | 40/35/33 | 42/38/35 |
| Treated air volume | Hi/Mi/Lo | m³/h | 900/720/600 | 1230/1020/840 |
| **Outdoor unit specifications** | | | | |
| Dimensions | LxDxH | mm | 785x300x555 | 900x350x700 |
| Net weight | | Kg | 29 | 43 |
| Sound power level | Erp test | Erp test | 65 | 70 |
| Sound pressure level | | dB(A) | 55 | 58 |
| Treated air volume | Max | m³/h | 2600 | 4200 |
| Operating limits (outdoor temperature) | Cooling | °C | -15~52 | |
| | Heating | °C | -15~24 | |
| **Optional parts** | | | | |
| Wired control | | | WCD-05 | |

1. Value measured according to the harmonised standard EN14511. 2. EU Regulation No. 206/2012 - - Value measured according to the harmonised standard EN14825. 3. EU Delegated Regulation No. 626/2011 on the new energy consumption labelling of air conditioners. 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. Therefore, if 1 kg of this refrigerant were released into the atmosphere, 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 attempt to intervene on the refrigerant circuit or disassemble the product. In case of need, always contact qualified personnel.