

Specifications



HSP Duct (R410A)

| Indoor Unit | | AC180JNHPKH/EU | AC200KNHPKH/EU | AC250KNHPKH/EU |
|--------------------------------------|-----------------------------------|---------------------|---|----------------------|
| Outdoor Unit- Mono-Phase | | - | - | - |
| Outdoor Unit- Tri-Phase | | AC180JXAPNH/EU | AC200KXAPNH/EU | AC250KXAPNH/EU |
| Capacity | | | | |
| Cooling (Min/Nominal/Max) | kW | 6.00 / 18.0 / 20.0 | 7.50 / 20.0 / 23.0 | 9.0 / 25.00 / 28.50 |
| Heating up to +7°C (Min/Nominal/Max) | kW | 4.80 / 20.0 / 22.50 | 8.50 / 23.00 / 25.00 | 10.0 / 27.00 / 32.00 |
| Heating @ -5°C | kW | - | - | - |
| Heating @ -15°C | kW | - | - | - |
| Performance | | | | |
| Energy Efficiency | SEER | W/W | A | - |
| Cooling | Consumption | kWh/a | - | - |
| | Pdesignc | kW | - | - |
| | EER | W/W | 3.30 | 3.10 |
| Energy Efficiency | SCOP | W/W | A | - |
| Heating | Consumption | kWh/a | - | - |
| | Pdesignh (average) | kW | - | - |
| | COP | W/W | 3.61 | 3.45 |
| AirFlow Rate | Indoor Unit (High/Mid/Low) | m ³ /min | 71.00 /60.00 /50.00 | 72.00 /62.00 /48.00 |
| Sound Power | Indoor Unit | dB(A) | 69 | 70 |
| | Outdoor Unit | dB(A) | 76 | 75 |
| Sound Pressure | Indoor Unit (Silent/Low/Mid/High) | dB(A) | 35/ 39 / 43 | 36 / 34.0 / 44 |
| | Outdoor Unit | dB(A) | 55 / 57 | 58 / 60 |
| Fan/ Outdoor unit | Type | | Sirocco | Sirocco |
| | Power | W | 630 | 630 |
| | Number | EA | 2 | 2 |
| External Static Pressure | Min / Std / Max | Pa | 50.01/ 60.02/ 196.13 | 49.03/ 72.00/ 196.13 |
| Operating Temp. Range | Cooling | °C | -15 ~ 50 | -15 ~ 50 |
| | Heating | °C | -20 ~ 24 | -20 ~ 24 |
| Electrical Data | | | | |
| Power Source | Indoor Unit | V / Hz / Ø/ # | 220~240/ 50/ 1/ 2 | 220~240/ 50/ 1/ 2 |
| | Outdoor Unit 1P | V / Hz / Ø/ # | | |
| | Outdoor Unit 3P | V / Hz / Ø/ # | 380~415/ 50/ 3/ 4 | 380~415/ 50/ 3/ 4 |
| Compressor Type | Outdoor Unit | Type | Twin BLDC Rotary | BLDC Scroll |
| Power (Min/ Nominal/Max) | Cooling | kW | 1.30/ 5.45/ 7.30 | 2.10/ 6.45/ 8.00 |
| | Heating | kW | 1.20 /5.54/ 7.60 | 2.10/ 6.66/ 9.80 |
| Current Input | Cooling (Min/Std/Max) | A | | |
| | Heating (Min/Std/Max) | A | | |
| | Cooling- Tri-Phase (Min/Std/Max) | A | 2.30/ 8.40/ 16.10 | 3.8/ 10.0/ 12.3 |
| | Heating- Tri-Phase (Min/Std/Max) | A | 2.20 /8.60/ 16.10 | 3.8/ 10.3/ 16 |
| Dimensions | | | | |
| Net Dimensions (W x H x D) | Indoor Unit | mm | 1350 x 450 x 910 | 1350 x 450 x 910 |
| | Outdoor Unit | mm | 940 x 1420 x 330 | 940 x 1630 x 460 |
| Net Weight | Indoor Unit | kg | 1350 x 450 x 910 | 92.0 |
| | Outdoor Unit | kg | 107.5 | 154.0 |
| Refrigerant | | | | |
| Refrigerant | Type | | R410A(Contains fluorinated greenhouse gas, GWP=2,088) | |
| | Factory charging | kg | 4.60 | 6.60 |
| | Charging Ton equivalent CO2 | tCO2e | 9.60 tCO2e | 13.78 tCO2e |
| | Additional refrigerant charging | g / m | - | - |
| Piping Connections | Liquid Pipe | Ø.inch | 3 / 8 | 3 / 8 |
| | Gas Pipe | Ø.inch | 3 / 4 | 7 / 8 |
| Piping Length | Min/ Max | m | 75 | 75 |
| Piping Height | Max | m | 30 | 30 |
| Piping Connections | Drain pipe | Ø.mm | VP25 (OD 32.ID 25) | VP25 (OD 32.ID 25) |
| Others | | | | |
| Panel | Model code | | | |
| | Net Dimensions (W x H x D) | mm | | |
| | Net Weight | kg | | |
| Accessoires | Drain pump | | MDP-G075SP MDP-G075SQ | DC |
| | Max lifting height/ displacement | mm / L/h | | DC |

- Built-in electronic expansion valve (EEV) for refrigerant flow control (2000 step).
- Long-life washable HD 40 permanent filter is included.

- Auto Restart function.
- Condensation drain pump (optional).

| Accessories | | | | | |
|---|---|---|---|---|---|
| Drain Pump (Optional) | Individual Controllers (Optional) | | | Others (Optional) | |
|  |  |  |  |  |  |
| | | (to be matched with MRK-A10N) | | | (to be matched with AR-EH03E) |
| | | | |  |  |