

10HP

Cooling mode:

| Information requirements for air-to-air conditioners | | | | | | | | |
|--|----------------------|-------|----------------------------------|--|--|------------------|-------|------|
| Model(s): K2F-280 DR7 | | | | | | | | |
| Test matching indoor units form, cassette:3×K2F-335 DR7+1×KCIBF-80 DN5.0 | | | | | | | | |
| Outdoor side heat exchanger of air conditioner: air | | | | | | | | |
| Indoor side heat exchanger of air conditioner: air | | | | | | | | |
| Type: compressor driven | | | | | | | | |
| Driver of compressor: electric motor | | | | | | | | |
| Item | Symbol | Value | Unit | | Item | Symbol | Value | Unit |
| Rated cooling capacity | P _{rated,c} | 28 | kW | | Seasonal space cooling energy efficiency | η _{s,c} | 332.2 | % |
| Declared cooling capacity for part load at given outdoor temperatures T _j and indoor 27/19°C (dry/wet bulb) | | | | | Declared energy efficiency ratio or gas utilisation efficiency /auxiliary energy factor for part load at given outdoor temperatures T _j | | | |
| T _j =+35°C | P _{dc} | 28 | kW | | T _j =+35°C | EER _d | 3.55 | -- |
| T _j =+30°C | P _{dc} | 20.7 | kW | | T _j =+30°C | EER _d | 5.56 | -- |
| T _j =+25°C | P _{dc} | 13.1 | kW | | T _j =+25°C | EER _d | 9.88 | -- |
| T _j =+20°C | P _{dc} | 7.8 | kW | | T _j =+20°C | EER _d | 19.6 | -- |
| | | | | | | | | |
| Degradation co-efficient for air conditioners(*) | C _{dc} | 0.25 | -- | | | | | |
| Power consumption in modes other than "active mode" | | | | | | | | |
| Off mode | P _{OFF} | 0.006 | kW | | Crankcase heater mode | P _{CK} | 0.006 | kW |
| Thermosat-off mode | P _{TO} | 0.006 | kW | | Standby mode | P _{SB} | 0.006 | kW |
| Other items | | | | | | | | |
| Capacity control | variable | | | | For air-to-air air conditioner: air flow rate, outdoor measured | -- | 12600 | m³/h |
| Sound power level, outdoor | L _{WA} | 79 | dB | | | | | |
| GWP of the refrigerant | | 675 | kg CO ₂ eq (100years) | | | | | |
| Contact details | | | | | | | | |
| (*)If C _{dc} is not determined by measurement, then the default degradation coefficient of heat pumps shall be 0.25. | | | | | | | | |
| Where information relates to multi-split air conditioners, the test result and performance data may be obtained on the basis of performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer. | | | | | | | | |

Heating mode:

Where information relates to multi-split heat pumps, the test result and performance data may be obtained on the basis of performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.