

Air Flux 5300 A

AF5300A 73 C-3

8733500311

To the extent applicable to the product, the following data are based on the requirements of Regulation (EU) 2016/2281.

| Productdata | Symbol | Unit | 8733500311 |
|--|---------------|--------------------|------------|
| Information for air-to-air air conditioners (usage of this product for cooling purposes, table 11) | | | |
| Outdoor side heat exchanger of air conditioner | | air | |
| Indoor side heat exchanger of air conditioner | | air | |
| Type | | vapour compression | |
| Driver of compressor | | electric motor | |
| Rated cooling capacity | $P_{rated,c}$ | kW | 73,0 |
| Design load $P_{designc}$ | $P_{designc}$ | kW | 73,0 |
| Seasonal space cooling energy efficiency | $\eta_{s,c}$ | % | 257,0 |
| Seasonal energy efficiency ratio | SEER | | 6,5 |
| Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb) | | | |
| Declared capacity for cooling at indoor 27(19) °C and outdoor 35 °C | P_{dc} | kW | 73,0 |
| Declared capacity for cooling at indoor 27(19) °C and outdoor 30 °C | P_{dc} | kW | 49,2 |
| Declared capacity for cooling at indoor 27(19) °C and outdoor 25 °C | P_{dc} | kW | 31,9 |
| Declared capacity for cooling at indoor 27(19) °C and outdoor 20 °C | P_{dc} | kW | 14,1 |
| Degradation co-efficient cooling | C_{dc} | | 0,3 |
| Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor Temperatures T_j | | | |
| Declared energy efficiency ratio at indoor 27(19) °C and outdoor 35 °C | EERd | | 3,5 |
| Declared energy efficiency ratio at indoor 27(19) °C and outdoor 30 °C | EERd | | 4,4 |
| Declared energy efficiency ratio at indoor 27(19) °C and outdoor 25 °C | EERd | | 7,1 |
| Declared energy efficiency ratio at indoor 27(19) °C and outdoor 20 °C | EERd | | 15,5 |
| Power consumption in modes other than active mode | | | |
| Off mode | P_{OFF} | kW | 0,085 |
| Thermostat-off mode | P_{TO} | kW | 0,000 |
| Crankcase heater mode | P_{CK} | kW | 0,085 |
| In standby mode | P_{SB} | kW | 0,085 |
| Other items | | | |
| Capacity control | | | variable |
| Sound power level, outdoor | L_{WA} | dB | 90,0 |
| Sound power level, indoor | L_{WA} | dB | - |
| Air flow rate, outdoor measured | m^3/h | m^3/h | 25000 |
| Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 2088 kgCO ₂ eq. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 2088 times higher than 1 kg of CO ₂ , over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. | | | |

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| Information for heat pumps (usage of this product for heating purposes, table 14) | | | |
| Outdoor side heat exchanger of air conditioner | | air | |
| Indoor side heat exchanger of air conditioner | | air | |
| Equipped with a supplementary heater? | | No | |
| Driver of compressor | | electric motor | |
| Rated heating capacity | $P_{rated,h}$ | kW | 73,0 |
| Design load average climate | $P_{designh}$ | kW | 43,3 |
| Seasonal space heating energy efficiency | $\eta_{s,h}$ | % | 151,0 |
| SCOP/A average climate | SCOP/A | | 3,8 |
| Declared heating capacity for part load at indoor temperature 20°C and outdoor temperature Tj | | | |
| Declared capacity for heating (average season) at indoor 20 °C outdoor -7 °C | P_{dh} | kW | 40,6 |
| Declared capacity for heating (average season) at indoor 20 °C outdoor 2 °C | P_{dh} | kW | 25,2 |
| Declared capacity for heating (average season) at indoor 20 °C outdoor 7 °C | P_{dh} | kW | 16,2 |
| Declared capacity for heating (average season) at indoor 20 °C outdoor 12 °C | P_{dh} | kW | 10,2 |
| Declared capacity for heating (average season) at indoor 20 °C outdoor bivalent temperature | P_{dh} | kW | 43,3 |
| Declared capacity for heating (average season) at indoor 20 °C outdoor operating limit | P_{dh} | kW | 43,3 |
| Bivalent temperature heating - average | T_{biv} | °C | -10 |
| Operational limit temperature heating - average | T_{ol} | °C | -10 |
| Degradation co-efficient heating | C_{dh} | | 0,3 |
| Declared coefficient of performance for part load at given outdoor temperatures Tj | | | |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor -7 °C | COP_d | | 2,5 |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor 2 °C | COP_d | | 3,5 |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor 7 °C | COP_d | | 5,9 |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor 12 °C | COP_d | | 7,0 |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor bivalent temperature | COP_d | | 2,0 |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor operating limit | COP_d | | 2,0 |
| Power consumption in modes other than active mode | | | |
| In off mode | P_{OFF} | kW | 0,085 |
| In thermostat-off mode | P_{TO} | kW | 0,085 |
| In crankcase heater mode | P_{CK} | kW | 0,145 |
| In standby mode | P_{SB} | kW | 0,085 |
| Supplementary heater | | | |
| Back up heating capacity at reference design conditions | | kW | 0,0 |
| Type of energy input | | | - |
| Other items | | | |
| Capacity control | | | variable |
| Sound power level, outdoor | L_{WA} | dB | 90,0 |
| Sound power level, indoor | L_{WA} | dB | - |
| Emissions of nitrogen oxides (only gas- or oil fired) | NO_x | mg/kWh | - |
| Air flow rate, outdoor measured | m^3/h | m^3/h | 25000 |

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