BOSCH

**Air Flux 6300 A**

AF6300A 33 C-3

7733701712

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

| Productdata | Symbol | Unit | 7733701712 |
|---|---|---|---|
| **Information for air-to-air air conditioners (usage of this product for cooling purposes, table 11)** | | | |
| model identifier of the indoor elements of the air conditioner | | | 7733700963 (6x) |
| model identifier of the outdoor element of the air conditioner | | | 7733701712 |
| 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 capaciy | $P_{rated,c}$ | kW | 33,5 |
| Design load Pdesignc | Pdesignc | kW | 33,5 |
| Seasonal space cooling energy efficiency | $\eta_{s,c}$ | % | 269,1 |
| Seasonal energy efficieny ratio | SEER | | 6,8 |
| **Declared cooling capacity for part load at given outdoor temperatures Tj and indoor 27°/19°C (dry/wet bulb)** | | | |
| Declared capacity for cooling at indoor 27(19) °C and outdoor 35 °C | Pdc | kW | 33,5 |
| Declared capacity for cooling at indoor 27(19) °C and outdoor 30 °C | Pdc | kW | 24,7 |
| Declared capacity for cooling at indoor 27(19) °C and outdoor 25 °C | Pdc | kW | 15,6 |
| Declared capacity for cooling at indoor 27(19) °C and outdoor 20 °C | Pdc | kW | 7,9 |
| Degradation co-efficient cooling | Cdc | | 0,3 |
| **Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor Temperatures Tj** | | | |
| Declared energy efficiency ratio at indoor 27(19) °C and outdoor 35 °C | EERd | | 2,8 |
| Declared energy efficiency ratio at indoor 27(19) °C and outdoor 30 °C | EERd | | 4,8 |
| Declared energy efficiency ratio at indoor 27(19) °C and outdoor 25 °C | EERd | | 7,9 |
| Declared energy efficiency ratio at indoor 27(19) °C and outdoor 20 °C | EERd | | 14,6 |
| **Power consumption in modes other than active mode** | | | |
| Off mode | $P_{OFF}$ | kW | 0,050 |
| Thermostat-off mode | $P_{TO}$ | kW | 0,005 |
| Crankcase heater mode | $P_{CK}$ | kW | 0,005 |
| In standby mode | $P_{SB}$ | kW | 0,050 |
| **Other items** | | | |
| Capacity control | | | variable |
| Sound power level, outdoor | $L_{WA}$ | dB | 83,0 |
| Sound power level, indoor | $L_{WA}$ | dB | - |
| Air flow rate, outdoor measured | $m^3/h$ | $m^3/h$ | 10000 |

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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| Productdata | Symbol | Unit | 7733701712 |
|---|---|---|---|
| **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 | 33,5 |
| Design load average climate | Pdesignh | kW | 18,4 |
| Seasonal space heating energy efficiency | $\eta_{s,h}$ | % | 180,7 |
| SCOP/A average climate | SCOP/A | | 4,6 |
| **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 | Pdh | kW | 16,3 |
| Declared capacity for heating (average season)) at indoor 20 °C outdoor 2 °C | Pdh | kW | 9,9 |
| Declared capacity for heating (average season) at indoor 20 °C outdoor 7 °C | Pdh | kW | 6,8 |
| Declared capacity for heating (average season) at indoor 20 °C outdoor 12 °C | Pdh | kW | 6,5 |
| Declared capacity for heating (average season) at indoor 20 °C outdoor bivalent temperature | Pdh | kW | 18,4 |
| Declared capacity for heating (average season)) at indoor 20 °C outdoor operating limit | Pdh | kW | 18,4 |
| Bivalent temperature heating - average | Tbiv | °C | -10 |
| Operational limit temperature heating - average | Tol | °C | -10 |
| Degradation co-efficient heating | Cdh | | 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 | COPd | | 2,8 |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor 2 °C | COPd | | 4,1 |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor 7 °C | COPd | | 7,4 |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor 12 °C | COPd | | 8,9 |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor bivalent temperature | COPd | | 2,3 |
| Declared coefficient of performance (average season) at indoor 20 °C outdoor operating limit | COPd | | 2,3 |
| **Power consumption in modes other than active mode** | | | |
| In off mode | $P_{OFF}$ | kW | 0,050 |
| In thermostat-off mode | $P_{TO}$ | kW | 0,050 |
| In crankcase heater mode | $P_{CK}$ | kW | 0,005 |
| In standby mode | $P_{SB}$ | kW | 0,050 |
| **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 | 83,0 |
| 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 | $m^3/h$ | $m^3/h$ | 10000 |

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