

**Information requirements
(air-to-air air conditioners)**

| Model(s): AOVD-108TE_SLIM | | | | | | | |
|--|--------------------------------------|-------|-----------------------------------|--|--------------|-------|---------|
| Outdoor side heat exchanger of air conditioner | air | | | | | | |
| Indoor side heat exchanger of air conditioner | air | | | | | | |
| Type | compressor driven vapour compression | | | | | | |
| If applicable: driver of compressor | electric motor | | | | | | |
| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
| Rated cooling capacity | $P_{rated,c}$ | 33.50 | kW | Seasonal space cooling energy efficiency | $\eta_{s,c}$ | 276.2 | % |
| Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27 °/19 °C (dry/wet bulb) | | | | Declared energy efficiency ratio for part load at given outdoor temperatures T_j | | | |
| $T_j = + 35$ °C | P_{dc} | 33.50 | kW | $T_j = + 35$ °C | EER_d | 2.60 | - |
| $T_j = + 30$ °C | P_{dc} | 23.60 | kW | $T_j = + 30$ °C | EER_d | 4.50 | - |
| $T_j = + 25$ °C | P_{dc} | 15.26 | kW | $T_j = + 25$ °C | EER_d | 9.20 | - |
| $T_j = + 20$ °C | P_{dc} | 7.35 | kW | $T_j = + 20$ °C | EER_d | 18.00 | - |
| Degradation co-efficient for air conditioners(*) | C_{dc} | 0.25 | — | | | | - |
| Power consumption in modes other than 'active mode' | | | | | | | |
| Off mode | P_{OFF} | 0.025 | kW | Crankcase heater mode | P_{CK} | 0.045 | kW |
| Thermostat-off mode | P_{TO} | 0.040 | kW | Standby mode | P_{SB} | 0.025 | kW |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-air air conditioner: air flow rate, outdoor measured | — | 11000 | m^3/h |
| Sound power level, outdoor | L_{WA} | 80 | dB | | | | |
| If engine driven: Emissions of nitrogen oxides | $NO_x(**)$ | - | mg/kWh fuel input GCV | | | | |
| GWP of the refrigerant | 2088 | | kg CO ₂ eq (100 years) | | | | |
| Contact details: C/ Marqués de Sentmenat 97, 08029 Barcelona | | | | Name of manufacturer: Gwtqhtgf"UC0 | | | |
| (*) If C_{dc} is not determined by measurement then the default degradation coefficient air conditioners shall be 0,25. (**) From 26 September 2018. Where information relates to multi-split air conditioners, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer. | | | | | | | |

**Information requirements
(heat pump)**

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|--|---------------------------|-------|-----------------------------------|---|--------------|--------|-------------------|
| Model(s): AOVD-108TE SLIM | | | | | | | |
| Outdoor side heat exchanger of heat pump | air | | | | | | |
| Indoor side heat exchanger of heat pump | air | | | | | | |
| Indication if the heater is equipped with a supplementary heater | no | | | | | | |
| If applicable: driver of compressor | electric motor | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heating capacity | $P_{rated,h}$ | 33.50 | kW | Seasonal space heating energy efficiency | $\eta_{s,h}$ | 180.2 | % |
| Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance for part load at given outdoor temperatures T_j | | | |
| $T_j = -7$ °C | P_{dh} | 18.60 | kW | $T_j = -7$ °C | COP_d | 2.50 | - |
| $T_j = +2$ °C | P_{dh} | 11.30 | kW | $T_j = +2$ °C | COP_d | 4.10 | - |
| $T_j = +7$ °C | P_{dh} | 7.34 | kW | $T_j = +7$ °C | COP_d | 7.70 | - |
| $T_j = +12$ °C | P_{dh} | 5.80 | kW | $T_j = +12$ °C | COP_d | 10.30 | - |
| T_{biv} = bivalent temperature | P_{dh} | 18.60 | kW | T_{biv} = bivalent temperature | COP_d | 2.50 | - |
| T_{OL} = operation limit | P_{dh} | 21.20 | kW | T_{OL} = operation limit | COP_d | 2.38 | - |
| $T_j = -15$ °C (if $TOL < -20$ °C) | P_{dh} | - | kW | $T_j = -15$ °C (if $TOL < -20$ °C) | COP_d | - | - |
| Bivalent temperature | T_{biv} | -7.00 | °C | Operation limit temperature | T_{ol} | -10.00 | °C |
| Degradation co-efficient heat pumps(**) | C_{dh} | 0.25 | — | | | | |
| Power consumption in modes other than 'active mode' | | | | Supplementary heater | | | |
| Off mode | P_{OFF} | 0.030 | kW | Back-up heating capacity (*) | elbu | 0 | kW |
| Thermostat-off mode | P_{TO} | 0.055 | kW | Type of energy input | Electric | | |
| Crankcase heater mode | P_{CK} | 0.045 | kW | Standby mode | P_{SB} | 0.030 | kW |
| Other items | | | | | | | |
| Capacity control | variable | | | air flow rate, outdoor measured | — | 11000 | m ³ /h |
| Sound power level, indoor/outdoor measured | L_{WA} | -/82 | dB | | | | |
| Emissions of nitrogen oxides (if applicable) | $NO_x(***)$ | - | mg/kWh input GCV | Rated brine or water flow rate, outdoor side heat exchanger | — | - | m ³ /h |
| GWP of the refrigerant | 2088 | | kg CO ₂ eq (100 years) | | | | |
| Contact details: C/ Marqués de Sentmenat 97, 08029 Barcelona | | | | Name of manufacturer: Gwtqhtgf"UC0 | | | |
| (*) | | | | | | | |
| (**) If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0,25. | | | | | | | |
| (***) From 26 September 2018. | | | | | | | |
| Where information relates to multi-split heat pumps, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer. | | | | | | | |



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