

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

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|---|--------------------------------------|-------|---------------------------------|--|--------------|-------|-----------------------|
| Model(s):FLRBLC4501CAI、FLRBLC4501UC8 | | | | | | | |
| 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 | $P_{rated,c}$ | 12,1 | kW | Seasonal space cooling energy efficiency | $\eta_{s,c}$ | 248,8 | % |
| Declared cooling capacity for part load at given outdoor temperatures T_j and indoor $27^{\circ}/19^{\circ}\text{C}$ (dry/wet bulb) | | | | Declared energy efficiency ratio for part load at given outdoor temperatures T_j | | | |
| $T_j = +35^{\circ}\text{C}$ | P_{dc} | 12,12 | kW | $T_j = +35^{\circ}\text{C}$ | EER_d | 3,10 | - |
| $T_j = +30^{\circ}\text{C}$ | P_{dc} | 8,97 | kW | $T_j = +30^{\circ}\text{C}$ | EER_d | 4,34 | - |
| $T_j = +25^{\circ}\text{C}$ | P_{dc} | 5,80 | kW | $T_j = +25^{\circ}\text{C}$ | EER_d | 7,15 | - |
| $T_j = +20^{\circ}\text{C}$ | P_{dc} | 3,06 | kW | $T_j = +20^{\circ}\text{C}$ | EER_d | 11,95 | - |
| Degradation co-efficient for air conditioners(*) | C_{dc} | 0,25 | — | | | | - |
| Power consumption in modes other than 'active mode' | | | | | | | |
| Off mode | P_{OFF} | 0,003 | kW | Crankcase heater mode | P_{CK} | 0,000 | kW |
| Thermostat-off mode | P_{TO} | 0,006 | kW | Standby mode | P_{SB} | 0,003 | kW |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-air air conditioner: air flow rate, outdoor measured | — | 5200 | m^3/h |
| Sound power level, indoor/outdoor | L_{WA} | 61/72 | dB | | | | |
| If engine driven: Emissions of nitrogen oxides | NOx(**) | - | mg/kWh fuel input GCV | | | | |
| GWP of the refrigerant | 675 | | kg CO_2 eq (100 years) | | | | |
| Contact details: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070 | | | | Name of manufacturer: GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI | | | |
| (*) 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):FLRBLC4501CAI、FLRBLC4501UC8 | | | | | | | |
| 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 | $P_{rated,h}$ | 13,5 | kW | Seasonal space heating energy efficiency | $\eta_{s,c}$ | 163,6 | % |
| 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 | | | |
| $T_j = -7\text{ °C}$ | P_{dh} | 7,76 | kW | $T_j = -7\text{ °C}$ | COP_d | 2,93 | - |
| $T_j = +2\text{ °C}$ | P_{dh} | 4,66 | kW | $T_j = +2\text{ °C}$ | COP_d | 3,92 | - |
| $T_j = +7\text{ °C}$ | P_{dh} | 2,93 | kW | $T_j = +7\text{ °C}$ | COP_d | 5,46 | - |
| $T_j = +12\text{ °C}$ | P_{dh} | 2,74 | kW | $T_j = +12\text{ °C}$ | COP_d | 7,69 | - |
| T_{biv} = bivalent temperature | P_{dh} | 7,76 | kW | T_{biv} = bivalent temperature | COP_d | 2,93 | - |
| T_{OL} = operation limit | P_{dh} | 5,82 | kW | T_{OL} = operation limit | COP_d | 2,59 | - |
| $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | P_{dh} | NA | kW | $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COP_d | NA | - |
| 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} | 0,003 | kW | Back-up heating capacity (*) | $elbu$ | 2,683 | kW |
| Thermostat-off mode | P_{TO} | 0,009 | kW | Type of energy input | | | |
| Crankcase heater mode | P_{CK} | 0,000 | kW | Standby mode | P_{SB} | 0,003 | kW |
| Other items | | | | | | | |
| Capacity control | variable | | | air flow rate, outdoor measured | — | 5200 | m^3/h |
| Sound power level, indoor/outdoor measured | L_{WA} | 61/73 | 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 | 675 | | kg CO ₂ eq (100 years) | | | | |
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| (*) (**) 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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