

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

| Model(s):FLRBLC4801DUI , FLRBLC4801UC8  |                                      |       |                                   |  |              |       |                       |
|---|--------------------------------------|-------|-----------------------------------|--|--------------|-------|-----------------------|
| 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  | $P_{rated,c}$                        | 13,4  | kW                                | Seasonal space cooling energy efficiency   | $\eta_{s,c}$ | 250,4 | %                     |
| 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 $T_j$ |              |       |                       |
| $T_j = + 35 \text{ }^\circ\text{C}$   | $P_{dc}$                             | 13,41 | kW                                | $T_j = + 35 \text{ }^\circ\text{C}$  | $EER_d$      | 3,04  | -                     |
| $T_j = + 30 \text{ }^\circ\text{C}$   | $P_{dc}$                             | 9,91  | kW                                | $T_j = + 30 \text{ }^\circ\text{C}$  | $EER_d$      | 4,62  | -                     |
| $T_j = + 25 \text{ }^\circ\text{C}$   | $P_{dc}$                             | 6,11  | kW                                | $T_j = + 25 \text{ }^\circ\text{C}$  | $EER_d$      | 7,10  | -                     |
| $T_j = + 20 \text{ }^\circ\text{C}$   | $P_{dc}$                             | 2,89  | kW                                | $T_j = + 20 \text{ }^\circ\text{C}$  | $EER_d$      | 11,27 | -                     |
| Degradation co-efficient for air conditioners(*)  | $C_{dc}$                             | 0,25  | —                                 |  |              |       | -                     |
| Power consumption in modes other than ‘active mode’   |                                      |       |                                   |  |              |       |                       |
| Off mode  | $P_{OFF}$                            | 0,010 | kW                                | Crankcase heater mode  | $P_{CK}$     | 0,000 | kW                    |
| Thermostat-off mode   | $P_{TO}$                             | 0,001 | kW                                | Standby mode   | $P_{SB}$     | 0,010 | kW                    |
| Other items   |                                      |       |                                   |  |              |       |                       |
| Capacity control  | variable                             |       |                                   | For air-to-air air conditioner: air flow rate, outdoor measured                    | —            | 5200  | $\text{m}^3/\text{h}$ |
| Sound power level, indoor/outdoor   | $L_{WA}$                             | 66/73 | dB                                |  |              |       |                       |
| If engine driven: Emissions of nitrogen oxides  | $\text{NO}_x(**)$                    | -     | mg/kWh fuel input GCV             |  |              |       |                       |
| GWP of the refrigerant  | 675                                  |       | kg CO <sub>2</sub> eq (100 years) |  |              |       |                       |
| Contact details:<br>West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070   |                                      |       |                                   | Name of manufacturer:<br>GREE ELECTRIC APPLIANCES,INC. OF ZHUHAI                   |              |       |                       |
| <p>(*) If <math>C_{dc}</math> is not determined by measurement then the default degradation coefficient air conditioners shall be 0,25.<br/> (**) From 26 September 2018.<br/> 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.</p> |                                      |       |                                   |  |              |       |                       |

**Information requirements  
(heat pump)**

|   |                           |       |                                   |   |              |        |         |
|---|---------------------------|-------|-----------------------------------|---|--------------|--------|---------|
| Model(s):FLRBLC4801DUI , FLRBLC4801UC8  |                           |       |                                   |   |              |        |         |
| 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  | $P_{rated,h}$             | 15,5  | kW                                | Seasonal space heating energy efficiency  | $\eta_{s,h}$ | 158,8  | %       |
| 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 $T_j$ |              |        |         |
| $T_j = -7\text{ °C}$  | $P_{dh}$                  | 8,76  | kW                                | $T_j = -7\text{ °C}$  | $COP_d$      | 2,43   | -       |
| $T_j = +2\text{ °C}$  | $P_{dh}$                  | 5,74  | kW                                | $T_j = +2\text{ °C}$  | $COP_d$      | 4,06   | -       |
| $T_j = +7\text{ °C}$  | $P_{dh}$                  | 3,33  | kW                                | $T_j = +7\text{ °C}$  | $COP_d$      | 5,57   | -       |
| $T_j = +12\text{ °C}$   | $P_{dh}$                  | 1,54  | kW                                | $T_j = +12\text{ °C}$   | $COP_d$      | 4,79   | -       |
| $T_{biv}$ = bivalent temperature  | $P_{dh}$                  | 8,76  | kW                                | $T_{biv}$ = bivalent temperature  | $COP_d$      | 2,43   | -       |
| $T_{OL}$ = operation limit  | $P_{dh}$                  | 9,36  | kW                                | $T_{OL}$ = operation limit  | $COP_d$      | 2,17   | -       |
| $T_j = -15\text{ °C}$ (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  | $P_{OFF}$                 | 0,010 | kW                                | Back-up heating capacity (*)  | $e_{bu}$     | 0,638  | kW      |
| Thermostat-off mode   | $P_{TO}$                  | 0,011 | kW                                | Type of energy input  | Electric     |        |         |
| Crankcase heater mode   | $P_{CK}$                  | 0,000 | kW                                | Standby mode  | $P_{SB}$     | 0,010  | kW      |
| Other items   |                           |       |                                   |   |              |        |         |
| Capacity control  | variable                  |       |                                   | air flow rate, outdoor measured   | —            | 5200   | $m^3/h$ |
| Sound power level, indoor/outdoor measured  | $L_{WA}$                  | 67/72 | 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 <sub>2</sub> eq (100 years) |   |              |        |         |
| Contact details:<br>West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070   |                           |       |                                   | Name of manufacturer:<br>GREE ELECTRIC APPLIANCES,INC. OF ZHUHAI                      |              |        |         |
| (*)<br>(**) If $C_{dh}$ is not determined by measurement then the default degradation coefficient of heat pumps shall be 0,25.<br>(***) From 26 September 2018.<br>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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