

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

|   |                                      |       |                                   |  |              |       |         |
|---|--------------------------------------|-------|-----------------------------------|--|--------------|-------|---------|
| Model(s):GMV-120WL/C-X  |                                      |       |                                   |  |              |       |         |
| 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  | $P_{rated,c}$                        | 12.10 | kW                                | Seasonal space cooling energy efficiency   | $\eta_{s,c}$ | 265.0 | %       |
| 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 $T_j$ |              |       |         |
| $T_j = +35\text{ °C}$   | $P_{dc}$                             | 12.10 | kW                                | $T_j = +35\text{ °C}$  | $EER_d$      | 3.30  | -       |
| $T_j = +30\text{ °C}$   | $P_{dc}$                             | 8.65  | kW                                | $T_j = +30\text{ °C}$  | $EER_d$      | 5.10  | -       |
| $T_j = +25\text{ °C}$   | $P_{dc}$                             | 5.60  | kW                                | $T_j = +25\text{ °C}$  | $EER_d$      | 9.40  | -       |
| $T_j = +20\text{ °C}$   | $P_{dc}$                             | 3.60  | kW                                | $T_j = +20\text{ °C}$  | $EER_d$      | 19.00 | -       |
| Degradation co-efficient for air conditioners(*)  | $C_{dc}$                             | 0.25  | —                                 |  |              |       | -       |
| Power consumption in modes other than 'active mode'   |                                      |       |                                   |  |              |       |         |
| Off mode  | $P_{OFF}$                            | 0.048 | kW                                | Crankcase heater mode  | $P_{CK}$     | 0.048 | kW      |
| Thermostat-off mode   | $P_{TO}$                             | 0.010 | kW                                | Standby mode   | $P_{SB}$     | 0.048 | kW      |
| Other items   |                                      |       |                                   |  |              |       |         |
| Capacity control  | variable                             |       |                                   | For air-to-air air conditioner: air flow rate, outdoor measured                    | —            | 6000  | $m^3/h$ |
| Sound power level, outdoor  | $L_{WA}$                             | 74.00 | dB                                |  |              |       |         |
| If engine driven: Emissions of nitrogen oxides  | $NO_x(**)$                           | -     | mg/kWh fuel input GCV             |  |              |       |         |
| GWP of the refrigerant  | 2088                                 |       | 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                   |              |       |         |
| (*) 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)

|  |                           |         |                                   |  |                  |        |                   |
|--|---------------------------|---------|-----------------------------------|--|------------------|--------|-------------------|
| Model(s): GMV-120WL/C-X  |                           |         |                                   |  |                  |        |                   |
| 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 <sub>rated,h</sub>      | 12.10   | kW                                | Seasonal space heating energy efficiency   | $\eta_{s,h}$     | 155.8  | %                 |
| Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T <sub>j</sub> |                           |         |                                   | Declared coefficient of performance for part load at given outdoor temperatures T <sub>j</sub> |                  |        |                   |
| T <sub>j</sub> = - 7 °C  | P <sub>dh</sub>           | 10.20   | kW                                | T <sub>j</sub> = - 7 °C  | COP <sub>d</sub> | 2.40   | -                 |
| T <sub>j</sub> = + 2 °C  | P <sub>dh</sub>           | 6.18    | kW                                | T <sub>j</sub> = + 2 °C  | COP <sub>d</sub> | 3.50   | -                 |
| T <sub>j</sub> = + 7 °C  | P <sub>dh</sub>           | 4.05    | kW                                | T <sub>j</sub> = + 7 °C  | COP <sub>d</sub> | 6.40   | -                 |
| T <sub>j</sub> = + 12 °C   | P <sub>dh</sub>           | 2.80    | kW                                | T <sub>j</sub> = + 12 °C   | COP <sub>d</sub> | 8.50   | -                 |
| T <sub>biv</sub> = bivalent temperature  | P <sub>dh</sub>           | 10.20   | kW                                | T <sub>biv</sub> = bivalent temperature  | COP <sub>d</sub> | 2.40   | -                 |
| T <sub>OL</sub> = operation limit  | P <sub>dh</sub>           | 11.70   | kW                                | T <sub>OL</sub> = operation limit  | COP <sub>d</sub> | 2.01   | -                 |
| T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)  | P <sub>dh</sub>           | -       | kW                                | T <sub>j</sub> = - 15 °C (if TOL < - 20 °C)  | COP <sub>d</sub> | -      | -                 |
| Bivalent temperature   | T <sub>biv</sub>          | -7.00   | °C                                | Operation limit temperature  | T <sub>ol</sub>  | -10.00 | °C                |
| Degradation co-efficient heat pumps(**)  | C <sub>dh</sub>           | 0.25    | —                                 |  |                  |        |                   |
| Power consumption in modes other than ‘active mode’  |                           |         |                                   | Supplementary heater   |                  |        |                   |
| Off mode   | P <sub>OFF</sub>          | 0.048   | kW                                | Back-up heating capacity (*)   | e <sub>lbu</sub> | 0      | kW                |
| Thermostat-off mode  | P <sub>TO</sub>           | 0.053   | kW                                | Type of energy input   | Electric         |        |                   |
| Crankcase heater mode  | P <sub>CK</sub>           | 0.048   | kW                                | Standby mode   | P <sub>SB</sub>  | 0.048  | kW                |
| Other items  |                           |         |                                   |  |                  |        |                   |
| Capacity control   | variable                  |         |                                   | air flow rate, outdoor measured  | —                | 6000   | m <sup>3</sup> /h |
| Sound power level, indoor/outdoor measured   | L <sub>WA</sub>           | -/75.00 | dB                                |  |                  |        |                   |
| Emissions of nitrogen oxides (if applicable)   | NO <sub>x</sub> (***)     | -       | mg/kWh input GCV                  | Rated brine or water flow rate, outdoor side heat exchanger                                    | —                | -      | m <sup>3</sup> /h |
| GWP of the refrigerant   | 2088                      |         | 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                               |                  |        |                   |

(\*)

(\*\*) If C<sub>dh</sub> 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.