

**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. (**)<br>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  | $P_{rated,h}$             | 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 $T_j$ |                           |         |                       | Declared coefficient of performance for part load at given outdoor temperatures $T_j$ |              |        |      |
| $T_j = -7\text{ °C}$  | $P_{dh}$                  | 10.20   | kW                    | $T_j = -7\text{ °C}$  | $COP_d$      | 2.40   | -    |
| $T_j = +2\text{ °C}$  | $P_{dh}$                  | 6.18    | kW                    | $T_j = +2\text{ °C}$  | $COP_d$      | 3.50   | -    |
| $T_j = +7\text{ °C}$  | $P_{dh}$                  | 4.05    | kW                    | $T_j = +7\text{ °C}$  | $COP_d$      | 6.40   | -    |
| $T_j = +12\text{ °C}$   | $P_{dh}$                  | 2.80    | kW                    | $T_j = +12\text{ °C}$   | $COP_d$      | 8.50   | -    |
| $T_{biv}$ = bivalent temperature  | $P_{dh}$                  | 10.20   | kW                    | $T_{biv}$ = bivalent temperature  | $COP_d$      | 2.40   | -    |
| $T_{OL}$ = operation limit  | $P_{dh}$                  | 11.70   | kW                    | $T_{OL}$ = operation limit  | $COP_d$      | 2.01   | -    |
| $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$ )   | $P_{dh}$                  | -       | kW                    | $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$ )                                     | $COP_d$      | -      | -    |
| 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  | $P_{OFF}$                 | 0.048   | kW                    | Back-up heating capacity (*)  | $e_{lbu}$    | 0      | kW   |
| Thermostat-off mode   | $P_{TO}$                  | 0.053   | kW                    | Type of energy input  | Electric     |        |      |
| Crankcase heater mode   | $P_{CK}$                  | 0.048   | kW                    | Standby mode  | $P_{SB}$     | 0.048  | kW   |
| Other items   |                           |         |                       |   |              |        |      |
| Capacity control  | variable                  |         |                       | air flow rate, outdoor measured   | —            | 6000   | m³/h |
| Sound power level, indoor/outdoor measured  | $L_{WA}$                  | -/75.00 | dB                    |   |              |        |      |
| Emissions of nitrogen oxides (if applicable)  | $NO_x(***)$               | -       | mg/kWh input GCV      | Rated brine or water flow rate, outdoor side heat exchanger                           | —            | -      | m³/h |
| GWP of the refrigerant  | 2088                      |         | kg CO₂ 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  $C_{dh}$  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.