

## [1] Information sheet (Lot.21)

[2] This information includes the results of calculation of the seasonal energy consumption and efficiency for air conditioner in regards to ErP pursuant to the Commission Regulation (EU) 2016/2281.

### Model information

|  |                                     |
|--|-------------------------------------|
| Outdoor unit / Indoor unit                     | AOYG45LETL / ARYG45LHTA             |
| Outdoor side heat exchanger of air conditioner | Air                                 |
| Indoor side heat exchanger of air conditioner  | Air                                 |
| Compressor type / driver of compressor         | Vapour compression / Electric motor |

| Cooling   |               |       |      |  |              |       |      |
|---|---------------|-------|------|--|--------------|-------|------|
| Item  | Symbol        | Value | Unit | Item   | Symbol       | Value | Unit |
| Rated cooling capacity  | $P_{rated,c}$ | 12.5  | kW   | Seasonal space cooling energy efficiency   | $\eta_{s,c}$ | 181.0 | %    |
| 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 $T_j$ |              |       |      |
| $T_j = + 35 \text{ °C}$   | $P_{dc}$      | 12.50 | kW   | $T_j = + 35 \text{ °C}$  | $EER_d$      | 2.91  | —    |
| $T_j = + 30 \text{ °C}$   | $P_{dc}$      | 9.21  | kW   | $T_j = + 30 \text{ °C}$  | $EER_d$      | 4.49  | —    |
| $T_j = + 25 \text{ °C}$   | $P_{dc}$      | 5.92  | kW   | $T_j = + 25 \text{ °C}$  | $EER_d$      | 5.71  | —    |
| $T_j = + 20 \text{ °C}$   | $P_{dc}$      | 4.53  | kW   | $T_j = + 20 \text{ °C}$  | $EER_d$      | 5.37  | —    |
| Degradation co-efficient for air conditioners   | $C_{dc}$      | 0.25  | —    | —  | —            | —     | —    |
| Power consumption in modes other than 'active mode'   |               |       |      |  |              |       |      |
| Off mode  | $P_{OFF}$     | 0.009 | kW   | Crankcase heater mode  | $P_{CK}$     | 0.000 | kW   |
| Thermostat-off mode   | $P_{TO}$      | 0.103 | kW   | Standby mode   | $P_{SB}$     | 0.009 | kW   |

| Heating   |               |       |      |   |              |       |      |
|---|---------------|-------|------|---|--------------|-------|------|
| Item  | Symbol        | Value | Unit | Item  | Symbol       | Value | Unit |
| Rated heating capacity  | $P_{rated,h}$ | 14.0  | kW   | Seasonal space heating energy efficiency  | $\eta_{s,h}$ | 133.0 | %    |
| 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 $T_j$ |              |       |      |
| $T_j = - 7 \text{ °C}$  | $P_{dh}$      | 8.14  | kW   | $T_j = - 7 \text{ °C}$  | $COP_d$      | 2.97  | —    |
| $T_j = + 2 \text{ °C}$  | $P_{dh}$      | 4.95  | kW   | $T_j = + 2 \text{ °C}$  | $COP_d$      | 3.28  | —    |
| $T_j = + 7 \text{ °C}$  | $P_{dh}$      | 5.24  | kW   | $T_j = + 7 \text{ °C}$  | $COP_d$      | 4.10  | —    |
| $T_j = + 12 \text{ °C}$   | $P_{dh}$      | 5.73  | kW   | $T_j = + 12 \text{ °C}$   | $COP_d$      | 4.62  | —    |
| $T_{biv}$ = bivalent temperature  | $P_{dh}$      | 8.14  | kW   | $T_{biv}$ = bivalent temperature  | $COP_d$      | 2.97  | —    |
| $T_{OL}$ = operation limit  | $P_{dh}$      | 10.97 | kW   | $T_{OL}$ = operation limit  | $COP_d$      | 2.31  | —    |
| Bivalent temperature  | $T_{biv}$     | -7    | °C   | —   | —            | —     | —    |
| Degradation co-efficient heat pumps   | $C_{dh}$      | 0.25  | —    | —   | —            | —     | —    |
| Power consumption in modes other than 'active mode'   |               |       |      | Supplementary heater  |              |       |      |
| Off mode  | $P_{OFF}$     | 0.009 | kW   | Back-up heating capacity  | $el_{bu}$    | 0.00  | kW   |
| Thermostat-off mode   | $P_{TO}$      | 0.009 | kW   | Type of energy input  | Electricity  |       |      |
| Crankcase heater mode   | $P_{CK}$      | 0.000 | kW   | Standby mode  | $P_{SB}$     | 0.009 | kW   |

| Other items                                    |         |          |             |    |  |         |      |                                   |
|--|---------|----------|-------------|----|--|---------|------|-----------------------------------|
| Capacity control                               |         | Variable |             |    | GWP of the refrigerant   |         | 2088 | kg CO <sub>2</sub> eq (100 years) |
| Sound power level (Indoor unit / Outdoor unit) | Cooling | $L_{WA}$ | 75.0 / 69.0 | dB | Air flow rate, outdoor measured  | Cooling | 6750 | m³/h                              |
|  | Heating | $L_{WA}$ | 74.0 / 68.0 | dB |  | Heating | 6200 | m³/h                              |
| Contact details                                |         |          |             |    | <b>FUJITSU GENERAL LIMITED</b><br>3-3-17,Suenaga, Takatsu-ku, Kawasaki 213-8502, Japan |         |      |                                   |

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\* Please refer to the last page for translation to other languages.