

## Information sheet (Lot.10)

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) No.206/2012 and No.626/2011.

Information to identify the model(s) to which the information relates to:

AIR CONDITIONER  
 TYPE : SINGLE SPLIT  
 DUCT  
 Indoor unit(s) : ARXG12KLLAP  
 Outdoor unit : AOYG12KBTB  
 BRAND : FUJITSU

N/A = Not Applicable

| Function |     |         |     |
|----------|-----|---------|-----|
| Cooling  | Yes | Average | Yes |
| Heating  | Yes | Warmer  | No  |
|          |     | Colder  | No  |

| Design load     |          |       |      | Seasonal efficiency |        |       |      |
|-----------------|----------|-------|------|---------------------|--------|-------|------|
| Item            | Symbol   | Value | Unit | Item                | Symbol | Value | Unit |
| Cooling         | Pdesignc | 3.5   | kW   | Cooling             | SEER   | 6.10  | -    |
| Heating/Average | Pdesignh | 3.4   | kW   | Heating/Average     | SCOP/A | 4.00  | -    |
| Heating/Warmer  | Pdesignh | N/A   | kW   | Heating/Warmer      | SCOP/W | N/A   | -    |
| Heating/Colder  | Pdesignh | N/A   | kW   | Heating/Colder      | SCOP/C | N/A   | -    |

| Cooling   |        |       |      | Declared energy efficiency ratio,<br>at indoor temperature 27 (19) °C and outdoor temperature Tj |        |       |      |
|---|--------|-------|------|--|--------|-------|------|
| Item  | Symbol | Value | Unit | Item   | Symbol | Value | Unit |
| Declared capacity for cooling,<br>at indoor temperature 27 (19) °C and outdoor temperature Tj |        |       |      | Declared energy efficiency ratio,<br>at indoor temperature 27 (19) °C and outdoor temperature Tj |        |       |      |
| Tj = 35°C   | Pdc    | 3.50  | kW   | Tj = 35°C  | EER d  | 3.76  | -    |
| Tj = 30°C   | Pdc    | 2.58  | kW   | Tj = 30°C  | EER d  | 5.24  | -    |
| Tj = 25°C   | Pdc    | 1.66  | kW   | Tj = 25°C  | EER d  | 7.53  | -    |
| Tj = 20°C   | Pdc    | 1.52  | kW   | Tj = 20°C  | EER d  | 9.45  | -    |

| Heating/Average   |        |       |      | Declared coefficient of performance/Average season,<br>at indoor temperature 20 °C and outdoor temperature Tj |        |       |      |
|---|--------|-------|------|---|--------|-------|------|
| Item  | Symbol | Value | Unit | Item  | Symbol | Value | Unit |
| Declared capacity for heating/Average season,<br>at indoor temperature 20 °C and outdoor temperature Tj |        |       |      | Declared coefficient of performance/Average season,<br>at indoor temperature 20 °C and outdoor temperature Tj |        |       |      |
| Tj = -7°C   | Pdh    | 3.01  | kW   | Tj = -7°C   | COPd   | 2.66  | -    |
| Tj = 2°C  | Pdh    | 1.83  | kW   | Tj = 2°C  | COPd   | 4.11  | -    |
| Tj = 7°C  | Pdh    | 1.18  | kW   | Tj = 7°C  | COPd   | 4.84  | -    |
| Tj = 12°C   | Pdh    | 1.45  | kW   | Tj = 12°C   | COPd   | 5.95  | -    |
| Tj = bivalent temperature   | Pdh    | 3.01  | kW   | Tj = bivalent temperature   | COPd   | 2.66  | -    |
| Tj = operating limit  | Pdh    | 2.51  | kW   | Tj = operating limit  | COPd   | 2.39  | -    |

| Heating/Warmer   |        |       |      | Declared coefficient of performance/Warmer season,<br>at indoor temperature 20 °C and outdoor temperature Tj |        |       |      |
|--|--------|-------|------|--|--------|-------|------|
| Item   | Symbol | Value | Unit | Item   | Symbol | Value | Unit |
| Declared capacity for heating/Warmer season,<br>at indoor temperature 20 °C and outdoor temperature Tj |        |       |      | Declared coefficient of performance/Warmer season,<br>at indoor temperature 20 °C and outdoor temperature Tj |        |       |      |
| Tj = 2°C   | Pdh    | N/A   | kW   | Tj = 2°C   | COPd   | N/A   | -    |
| Tj = 7°C   | Pdh    | N/A   | kW   | Tj = 7°C   | COPd   | N/A   | -    |
| Tj = 12°C  | Pdh    | N/A   | kW   | Tj = 12°C  | COPd   | N/A   | -    |
| Tj = bivalent temperature  | Pdh    | N/A   | kW   | Tj = bivalent temperature  | COPd   | N/A   | -    |
| Tj = operating limit   | Pdh    | N/A   | kW   | Tj = operating limit   | COPd   | N/A   | -    |

| Heating/Colder   |        |       |      | Declared coefficient of performance/Colder season,<br>at indoor temperature 20 °C and outdoor temperature Tj |        |       |      |
|--|--------|-------|------|--|--------|-------|------|
| Item   | Symbol | Value | Unit | Item   | Symbol | Value | Unit |
| Declared capacity for heating/Colder season,<br>at indoor temperature 20 °C and outdoor temperature Tj |        |       |      | Declared coefficient of performance/Colder season,<br>at indoor temperature 20 °C and outdoor temperature Tj |        |       |      |
| Tj = -7°C  | Pdh    | N/A   | kW   | Tj = -7°C  | COPd   | N/A   | -    |
| Tj = 2°C   | Pdh    | N/A   | kW   | Tj = 2°C   | COPd   | N/A   | -    |
| Tj = 7°C   | Pdh    | N/A   | kW   | Tj = 7°C   | COP d  | N/A   | -    |
| Tj = 12°C  | Pdh    | N/A   | kW   | Tj = 12°C  | COP d  | N/A   | -    |
| Tj = bivalent temperature  | Pdh    | N/A   | kW   | Tj = bivalent temperature  | COP d  | N/A   | -    |
| Tj = operating limit   | Pdh    | N/A   | kW   | Tj = operating limit   | COP d  | N/A   | -    |
| Tj=-15°C   | Pdh    | N/A   | kW   | Tj = -15°C   | COP d  | N/A   | -    |

| Bivalent temperature |        |       |      | Operating limit temperature |        |       |      |
|----------------------|--------|-------|------|-----------------------------|--------|-------|------|
| Item                 | Symbol | Value | Unit | Item                        | Symbol | Value | Unit |
| Heating/Average      | Tbiv   | -7    | °C   | Heating/Average             | Tol    | -15   | °C   |
| Heating/Warmer       | Tbiv   | N/A   | °C   | Heating/Warmer              | Tol    | N/A   | °C   |
| Heating/Colder       | Tbiv   | N/A   | °C   | Heating/Colder              | Tol    | N/A   | °C   |

| Cycling interval capacity       |        |       |      | Cycling interval efficiency     |        |       |      |
|---------------------------------|--------|-------|------|---------------------------------|--------|-------|------|
| Item                            | Symbol | Value | Unit | Item                            | Symbol | Value | Unit |
| For cooling                     | Pcyc   | N/A   | kW   | For cooling                     | EERcyc | N/A   | -    |
| For heating                     | Pcyh   | N/A   | kW   | For heating                     | COPcyc | N/A   | -    |
| Degradation coefficient cooling | Cdc    | 0.25  | -    | Degradation coefficient heating | Cdh    | 0.25  | -    |

| Electric power input in power modes other than 'active mode' |                  |          |      | Annual electricity consumption |                 |       |       |
|--|------------------|----------|------|--------------------------------|-----------------|-------|-------|
| Item   | Symbol           | Value    | Unit | Item                           | Symbol          | Value | Unit  |
| Off mode (Cooling/Heating)                                   | P <sub>OFF</sub> | 6.0/6.0  | W    | Cooling                        | Q <sub>CE</sub> | 201   | kWh/a |
| Standby mode (Cooling/Heating)                               | P <sub>SB</sub>  | 6.0/6.0  | W    | Heating/Average                | Q <sub>HE</sub> | 1189  | kWh/a |
| Thermostat-off mode (Cooling/Heating)                        | P <sub>TO</sub>  | 3.0/16.0 | W    | Heating/Warmer                 | Q <sub>HE</sub> | N/A   | kWh/a |
| Crankcase heater mode (Cooling/Heating)                      | P <sub>CK</sub>  | 0.0/0.0  | W    | Heating/Colder                 | Q <sub>HE</sub> | N/A   | kWh/a |

| Capacity control |     | Other items                        |                 |           |                       |
|------------------|-----|------------------------------------|-----------------|-----------|-----------------------|
| Item             | Y/N | Item                               | Symbol          | Value     | Unit                  |
| Fixed            | No  | Sound power level (Indoor/Outdoor) | L <sub>WA</sub> | 58.0/61.0 | dB(A)                 |
| Staged           | No  | Global warming potential           | GWP             | 675       | kgCO <sub>2</sub> eq. |
| Variable         | Yes | Rated air flow (Indoor/Outdoor)    | -               | 650/1580  | m <sup>3</sup> /h     |

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| Contact details for obtaining more information | FUJITSU GENERAL LIMITED<br>3-3-17, Suenaga, Takatsu-ku, Kawasaki, 213-8502, Japan |
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