

# 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:

TYPE : AIR CONDITIONER  
: SINGLE SPLIT  
WALL MOUNTED  
indoor unit(s) : ASEG18KLCA  
outdoor unit : AOEG18KLCA  
BRAND : FUJITSU

N/A = Not Applicable

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

| Design load     |          |       |      | Seasonal efficiency |        |       |      |
|-----------------|----------|-------|------|---------------------|--------|-------|------|
| Item            | Symbol   | Value | Unit | Item                | Symbol | Value | Unit |
| Cooling         | Pdesignc | 5.2   | kW   | Cooling             | SEER   | 7.20  | -    |
| Heating/Average | Pdesignh | 4.8   | kW   | Heating/Average     | SCOP/A | 4.30  | -    |
| Heating/Warmer  | Pdesignh | 2.5   | kW   | Heating/Warmer      | SCOP/W | 6.30  | -    |
| 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 |
| Tj = 35°C | Pdc    | 5.20  | kW   | Tj = 35°C                                                                                        | EERd   | 3.09  | -    |
| Tj = 30°C | Pdc    | 3.83  | kW   | Tj = 30°C                                                                                        | EERd   | 5.20  | -    |
| Tj = 25°C | Pdc    | 2.46  | kW   | Tj = 25°C                                                                                        | EERd   | 8.77  | -    |
| Tj = 20°C | Pdc    | 1.10  | kW   | Tj = 20°C                                                                                        | EERd   | 13.76 | -    |

| 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 |
| Tj = -7°C                 | Pdh    | 4.25  | kW   | Tj = -7°C                                                                                                     | COPd   | 2.78  | -    |
| Tj = 2°C                  | Pdh    | 2.58  | kW   | Tj = 2°C                                                                                                      | COPd   | 4.20  | -    |
| Tj = 7°C                  | Pdh    | 1.66  | kW   | Tj = 7°C                                                                                                      | COPd   | 5.84  | -    |
| Tj = 12°C                 | Pdh    | 0.78  | kW   | Tj = 12°C                                                                                                     | COPd   | 7.17  | -    |
| Tj = bivalent temperature | Pdh    | 4.25  | kW   | Tj = bivalent temperature                                                                                     | COPd   | 2.78  | -    |
| Tj = operating limit      | Pdh    | 3.93  | kW   | Tj = operating limit                                                                                          | COPd   | 2.53  | -    |

| 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 |
| Tj = 2°C                  | Pdh    | 2.50  | kW   | Tj = 2°C                                                                                                     | COPd   | 4.20  | -    |
| Tj = 7°C                  | Pdh    | 1.61  | kW   | Tj = 7°C                                                                                                     | COPd   | 5.84  | -    |
| Tj = 12°C                 | Pdh    | 0.78  | kW   | Tj = 12°C                                                                                                    | COPd   | 7.17  | -    |
| Tj = bivalent temperature | Pdh    | 2.50  | kW   | Tj = bivalent temperature                                                                                    | COPd   | 4.20  | -    |
| Tj = operating limit      | Pdh    | 3.93  | kW   | Tj = operating limit                                                                                         | COPd   | 2.53  | -    |

| 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 |
| 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                                                                                                     | 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   | -    |
| Tj=-15°C                  | Pdh    | N/A   | kW   | Tj=-15°C                                                                                                     | COPd   | 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   | 2     | °C   | Heating/Warmer              | Tol    | -15   | °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                     | Pcycc  | N/A   | kW   | For cooling                     | EERcyc | N/A   | -    |
| For heating                     | Pcycc  | 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> | 4.0/4.0 | W    | Cooling                        | Q <sub>CE</sub> | 253   | kWh/a |
| Standby mode (Cooling/Heating)                               | P <sub>SB</sub>  | 4.0/4.0 | W    | Heating/Average                | Q <sub>HE</sub> | 1563  | kWh/a |
| Thermostat-off mode (Cooling/Heating)                        | P <sub>TO</sub>  | 1.0/6.0 | W    | Heating/Warmer                 | Q <sub>HE</sub> | 556   | 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> | 60.0/61.0 | dB (A)                |
| Staged           | No  | Global warming potential           | GWP             | 675       | kgCO <sub>2</sub> eq. |
| Variable         | Yes | Rated air flow (Indoor/Outdoor)    | -               | 865/1830  | m <sup>3</sup> /h     |

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