# 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<br>WALL MOUNTED |
| Indoor unit(s) | : | ASYG18LFCA |
| Outdoor unit | : | AOYG18LFC |
| 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 | 5.2 | kW | Cooling | SEER | 6.94 | - |
| Heating/Average | Pdesignh | 5.9 | kW | Heating/Average | SCOP/A | 3.87 | - |
| 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 capacity for cooling, at indoor temperature 27 (19) °C and outdoor temperature Tj | | | | Declared energy efficiency ratio, at indoor temperature 27 (19) °C and outdoor temperature Tj | | | |
| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
| Tj = 35℃ | Pdc | 5.20 | kW | Tj = 35℃ | EER d | 3.42 | - |
| Tj = 30℃ | Pdc | 3.83 | kW | Tj = 30℃ | EER d | 5.33 | - |
| Tj = 25℃ | Pdc | 2.60 | kW | Tj = 25℃ | EER d | 9.34 | - |
| Tj = 20℃ | Pdc | 2.29 | kW | Tj = 20℃ | EER d | 13.51 | - |

| Heating/Average | | | | | | | |
|---|---|---|---|---|---|---|---|
| Declared capacity for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance/Average season, at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
| Tj = -7℃ | Pdh | 5.22 | kW | Tj = -7℃ | COPd | 2.25 | - |
| Tj = 2℃ | Pdh | 3.18 | kW | Tj = 2℃ | COPd | 3.65 | - |
| Tj = 7℃ | Pdh | 2.04 | kW | Tj = 7℃ | COPd | 5.95 | - |
| Tj = 12℃ | Pdh | 1.80 | kW | Tj = 12℃ | COPd | 6.71 | - |
| Tj = bivalent temperature | Pdh | 5.22 | kW | Tj = bivalent temperature | COPd | 2.25 | - |
| Tj = operating limit | Pdh | 4.81 | kW | Tj = operating limit | COPd | 2.10 | - |

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

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

| 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 | Pcych | 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) | $P_{OFF}$ | 7.0/7.0 | W | Cooling | $Q_{CE}$ | 262 | kWh/a |
| Standby mode (Cooling/Heating) | $P_{SB}$ | 7.0/7.0 | W | Heating/Average | $Q_{HE}$ | 2130 | kWh/a |
| Thermostat-off mode (Cooling/Heating) | $P_{TO}$ | 34.0/8.0 | W | Heating/Warmer | $Q_{HE}$ | N/A | kWh/a |
| Crankcase heater mode (Cooling/Heating) | $P_{CK}$ | 0.0/19.0 | W | Heating/Colder | $Q_{HE}$ | N/A | kWh/a |

| Capacity control | | Other items | | | |
|---|---|---|---|---|---|
| Item | Y/N | Item | Symbol | Value | Unit |
| Fixed | No | Sound power level (Indoor/Outdoor) | $L_{WA}$ | 58.0/65.0 | dB(A) |
| Staged | No | Global warming potential | GWP | 1975 | $kgCO_2eq.$ |
| Variable | Yes | Rated air flow (Indoor/Outdoor) | - | 900/2150 | $m^3/h$ |

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