

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) : ASYG12KGTE
 outdoor unit : AOYG12KGCA
 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 | 3.4 | kW | Cooling | SEER | 9.20 | - |
| Heating/Average | Pdesignc | 2.5 | kW | Heating/Average | SCOP/A | 5.20 | - |
| Heating/Warmer | Pdesignc | 1.3 | kW | Heating/Warmer | SCOP/W | 6.60 | - |
| Heating/Colder | Pdesignc | N/A | kW | Heating/Colder | SCOP/C | N/A | - |

| Cooling | | | | Declared energy efficiency ratio, | | | |
|---|--------|-------|------|---|--------|-------|------|
| Declared capacity for cooling, at indoor temperature 27 (19) °C and outdoor temperature Tj | | | | at indoor temperature 27 (19) °C and outdoor temperature Tj | | | |
| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
| Tj = 35°C | Pdc | 3.40 | kW | Tj = 35°C | EERd | 4.22 | - |
| Tj = 30°C | Pdc | 2.51 | kW | Tj = 30°C | EERd | 6.70 | - |
| Tj = 25°C | Pdc | 1.61 | kW | Tj = 25°C | EERd | 11.21 | - |
| Tj = 20°C | Pdc | 1.32 | kW | Tj = 20°C | EERd | 17.60 | - |

| Heating/Average | | | | Declared capacity for heating/Average season, | | | |
|---|--------|-------|------|--|--------|-------|------|
| Declared capacity for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj | | | | at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
| Tj = -7°C | Pdh | 2.21 | kW | Tj = -7°C | COPd | 3.15 | - |
| Tj = 2°C | Pdh | 1.35 | kW | Tj = 2°C | COPd | 5.40 | - |
| Tj = 7°C | Pdh | 0.87 | kW | Tj = 7°C | COPd | 6.42 | - |
| Tj = 12°C | Pdh | 0.92 | kW | Tj = 12°C | COPd | 8.47 | - |
| Tj = bivalent temperature | Pdh | 2.21 | kW | Tj = bivalent temperature | COPd | 3.15 | - |
| Tj = operating limit | Pdh | 2.15 | kW | Tj = operating limit | COPd | 2.81 | - |

| Heating/Warmer | | | | Declared capacity for heating/Warmer season, | | | |
|--|--------|-------|------|--|--------|-------|------|
| Declared capacity for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj | | | | at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
| Tj = 2°C | Pdh | 1.35 | kW | Tj = 2°C | COPd | 5.40 | - |
| Tj = 7°C | Pdh | 0.87 | kW | Tj = 7°C | COPd | 6.42 | - |
| Tj = 12°C | Pdh | 0.92 | kW | Tj = 12°C | COPd | 8.47 | - |
| Tj = bivalent temperature | Pdh | 1.35 | kW | Tj = bivalent temperature | COPd | 5.40 | - |
| Tj = operating limit | Pdh | 2.15 | kW | Tj = operating limit | COPd | 2.81 | - |

| Heating/Colder | | | | Declared capacity for heating/Colder season, | | | |
|--|--------|-------|------|--|--------|-------|------|
| Declared capacity for heating/Colder season, at indoor temperature 20 °C and outdoor temperature Tj | | | | 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 | Pcyc | N/A | kW | For cooling | EERcyc | N/A | - |
| For heating | Pcyc | N/A | kW | For heating | COPcyc | N/A | - |
| Degradation coefficient cooling | Cdc | 0.25 | - | Degradation coefficient cooling | 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} | 1.0/1.0 | W | Cooling | Q _{CE} | 129 | kWh/a |
| Standby mode (Cooling/Heating) | P _{SB} | 1.0/1.0 | W | Heating/Average | Q _{HE} | 672 | kWh/a |
| Thermostat-off mode (Cooling/Heating) | P _{TO} | 6.0/8.0 | W | Heating/Warmer | Q _{HE} | 286 | kWh/a |
| Crankcase heater mode (Cooling/Heating) | P _{CK} | 0.0/0.0 | 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} | 56.0/65.0 | dB (A) |
| Staged | No | Global warming potential | GWP | 675 | kgCO ₂ eq. |
| Variable | Yes | Rated air flow (Indoor/Outdoor) | - | 700/1680 | m ³ /h |

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