

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
 : DUCT
 Indoor unit(s) : ARXG30KMLA
 Outdoor unit : AOYG30KBTB
 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 | 8.5 | kW | Cooling | SEER | 6.23 | - |
| Heating/Average | Pdesignh | 8.0 | 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 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°C | Pdc | 8.50 | kW | Tj = 35°C | EER d | 3.47 | - |
| Tj = 30°C | Pdc | 6.26 | kW | Tj = 30°C | EER d | 5.26 | - |
| Tj = 25°C | Pdc | 4.03 | kW | Tj = 25°C | EER d | 7.49 | - |
| Tj = 20°C | Pdc | 3.85 | kW | Tj = 20°C | EER d | 9.26 | - |

| 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°C | Pdh | 7.08 | kW | Tj = -7°C | COPd | 2.76 | - |
| Tj = 2°C | Pdh | 4.31 | kW | Tj = 2°C | COPd | 4.20 | - |
| Tj = 7°C | Pdh | 2.77 | kW | Tj = 7°C | COPd | 4.63 | - |
| Tj = 12°C | Pdh | 3.44 | kW | Tj = 12°C | COPd | 5.39 | - |
| Tj = bivalent temperature | Pdh | 7.08 | kW | Tj = bivalent temperature | COPd | 2.76 | - |
| Tj = operating limit | Pdh | 6.79 | kW | Tj = operating limit | COPd | 2.62 | - |

| 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°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 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°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 | T _{biv} | -7 | °C | Heating/Average | T _{ol} | -15 | °C |
| Heating/Warmer | T _{biv} | N/A | °C | Heating/Warmer | T _{ol} | N/A | °C |
| Heating/Colder | T _{biv} | N/A | °C | Heating/Colder | T _{ol} | N/A | °C |

| Cycling interval capacity | | | | Cycling interval efficiency | | | |
|---------------------------------|-------------------|-------|------|---------------------------------|---------------------|-------|------|
| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
| For cooling | P _{cycc} | N/A | kW | For cooling | EER _{cycc} | N/A | - |
| For heating | P _{cyhc} | N/A | kW | For heating | COP _{cyhc} | N/A | - |
| Degradation coefficient cooling | C _{dc} | 0.25 | - | Degradation coefficient heating | C _{dh} | 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} | 6.0/6.0 | W | Cooling | Q _{CE} | 477 | kWh/a |
| Standby mode (Cooling/Heating) | P _{SB} | 6.0/6.0 | W | Heating/Average | Q _{HE} | 2797 | kWh/a |
| Thermostat-off mode (Cooling/Heating) | P _{TO} | 12.0/31.0 | W | Heating/Warmer | Q _{HE} | N/A | 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} | 65.0/68.0 | dB(A) |
| Staged | No | Global warming potential | GWP | 675 | kgCO ₂ eq. |
| Variable | Yes | Rated air flow (Indoor/Outdoor) | - | 2100/3750 | 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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