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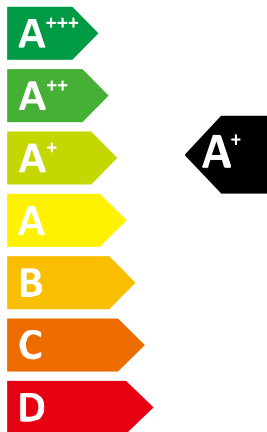
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GENERAL

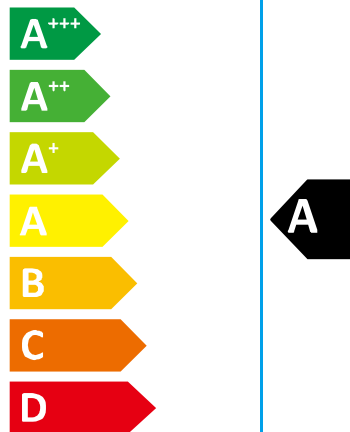
ΑΟΗG09ΚΑΤΑ / ΑRΧG09ΚΛΛΑΡ

SEER



| | |
|-----------|-----|
| kW | 2,5 |
| SEER | 5,9 |
| kWh/annum | 148 |

SCOP



| | | | |
|-----------|---|-----|---|
| kW | X | 2,3 | X |
| SCOP | X | 3,8 | X |
| kWh/annum | X | 847 | X |



57 dB



60 dB



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626/2011

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) : ARXG09KLLAP
 Outdoor unit : AOHG09KATA
 BRAND : GENERAL

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 | 2.5 | kW | Cooling | SEER | 5.90 | - |
| Heating/Average | Pdesignh | 2.3 | kW | Heating/Average | SCOP/A | 3.80 | - |
| 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, at indoor temperature 27 (19) °C and outdoor temperature Tj | | | |
|---|--------|-------|------|--|--------|-------|------|
| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
| 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 | | | |
| Tj = 35°C | Pdc | 2.50 | kW | Tj = 35°C | EER d | 3.62 | - |
| Tj = 30°C | Pdc | 1.84 | kW | Tj = 30°C | EER d | 5.20 | - |
| Tj = 25°C | Pdc | 1.18 | kW | Tj = 25°C | EER d | 7.46 | - |
| Tj = 20°C | Pdc | 1.15 | kW | Tj = 20°C | EER d | 9.58 | - |

| Heating/Average | | | | Declared coefficient of performance/Average season, at indoor temperature 20 °C and outdoor temperature Tj | | | |
|---|--------|-------|------|---|--------|-------|------|
| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
| 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 | | | |
| Tj = -7°C | Pdh | 2.03 | kW | Tj = -7°C | COPd | 2.73 | - |
| Tj = 2°C | Pdh | 1.24 | kW | Tj = 2°C | COPd | 3.76 | - |
| Tj = 7°C | Pdh | 0.80 | kW | Tj = 7°C | COPd | 4.63 | - |
| Tj = 12°C | Pdh | 1.28 | kW | Tj = 12°C | COPd | 6.06 | - |
| Tj = bivalent temperature | Pdh | 2.03 | kW | Tj = bivalent temperature | COPd | 2.73 | - |
| Tj = operating limit | Pdh | 1.70 | kW | Tj = operating limit | COPd | 2.28 | - |

| Heating/Warmer | | | | Declared coefficient of performance/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj | | | |
|--|--------|-------|------|--|--------|-------|------|
| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
| 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 | | | |
| 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, at indoor temperature 20 °C and outdoor temperature Tj | | | |
|--|--------|-------|------|--|--------|-------|------|
| Item | Symbol | Value | Unit | Item | Symbol | Value | Unit |
| 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 | | | |
| 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 _{OFF} | 6.0/6.0 | W | Cooling | Q _{CE} | 148 | kWh/a |
| Standby mode (Cooling/Heating) | P _{SB} | 6.0/6.0 | W | Heating/Average | Q _{HE} | 847 | kWh/a |
| Thermostat-off mode (Cooling/Heating) | P _{TO} | 3.0/16.0 | 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} | 57.0/60.0 | dB(A) |
| Staged | No | Global warming potential | GWP | 675 | kgCO ₂ eq. |
| Variable | Yes | Rated air flow (Indoor/Outdoor) | - | 600/1610 | m ³ /h |

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

V20121214

Product fiche according to Commission Delegated Regulation (EU) 626/2011

| MODEL | OUTDOOR UNIT | AOHG09KATA | | | | AOHG12KATA | | | | AOHG14KATA | | | |
|---|----------------------|-------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|
| | INDOOR UNIT | AUXG09KVLA | | ARXG09KLLAP | | AUXG12KVLA | | ARXG12KLLAP | | AUXG14KVLA | | ARXG14KLLAP | |
| | | COOLING | HEATING | COOLING | HEATING | COOLING | HEATING | COOLING | HEATING | COOLING | HEATING | COOLING | HEATING |
| SOUND POWER LEVEL | OUTDOOR UNIT [dB(A)] | 60 | 60 | 60 | 60 | 62 | 62 | 62 | 62 | 63 | 63 | 63 | 63 |
| | INDOOR UNIT [dB(A)] | 46 | 47 | 57 | 57 | 49 | 49 | 58 | 58 | 50 | 55 | 60 | 60 |
| REFRIGERANT/GLOBAL WARMING POTENTIAL | | R32 / 675 (IPCC AR4) ^(*) | | | | | | | | | | | |
| SEASONAL ENERGY EFFICIENCY RATIO/ SEASONAL COEFFICIENT OF PERFORMANCE | | 6.20 | 4.00 | 5.90 | 3.80 | 6.10 | 4.00 | 5.80 | 3.80 | 6.10 | 4.00 | 5.60 | 3.80 |
| ENERGY EFFICIENCY CLASS | | A++ | A+ | A+ | A | A++ | A+ | A+ | A | A++ | A+ | A+ | A |
| ANNUAL ENERGY CONSUMPTION (Q _{CE})(Q _{HE}) [kWh/a] | | 141 ^(*) | 804 ^(*) | 148 ^(*) | 847 ^(*) | 201 ^(*) | 979 ^(*) | 211 ^(*) | 1031 ^(*) | 247 ^(*) | 1120 ^(*) | 269 ^(*) | 1177 ^(*) |
| P _{design} [kW] | | 2.5 (35°C) | 2.3 (-10°C) | 2.5 (35°C) | 2.3 (-10°C) | 3.5 (35°C) | 2.8 (-10°C) | 3.5 (35°C) | 2.8 (-10°C) | 4.3 (35°C) | 3.2 (-10°C) | 4.3 (35°C) | 3.2 (-10°C) |
| BACKUP HEATER CAPACITY/ DECLARED CAPACITY [kW] | | — | 0.42/ 1.88 | — | 0.39/ 1.91 | — | 0.49/ 2.31 | — | 0.59/ 2.21 | — | 0.56/ 2.64 | — | 0.55/ 2.65 |

NOTES

- (*) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to [675]. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be [675] times higher than 1 kg of CO₂, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.
- (**) Energy consumption "Q_{CE}" kWh per year based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
- (***) Energy consumption "Q_{HE}" kWh per year, based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

Specifications

| MODEL | OUTDOOR UNIT | AOHG09KATA | | | | AOHG12KATA | | | | AOHG14KATA | | | |
|--|------------------------------|-------------------------------------|---------|-----------------|---------|-------------------------------------|---------|-----------------|---------|-------------------------------------|---------|-----------------|---------|
| | INDOOR UNIT | AUXG09KVLA | | ARXG09KLLAP | | AUXG12KVLA | | ARXG12KLLAP | | AUXG14KVLA | | ARXG14KLLAP | |
| TYPE | | CASSETTE | | DUCT | | CASSETTE | | DUCT | | CASSETTE | | DUCT | |
| | | SINGLE SPLIT / HEAT PUMP | | | | | | | | | | | |
| MAX. PRESSURE | HIGH / DISCHARGE [bar(MPa)] | — (4.20) | | | | | | | | | | | |
| | LOW / SUCTION [bar(MPa)] | — (2.76) | | | | | | | | | | | |
| MANUFACTURING DATE | | Refer to the rating label | | | | | | | | | | | |
| POWER RESOURCE | | 1φ 230 V ~ 50 Hz | | | | | | | | | | | |
| | | COOLING | HEATING | COOLING | HEATING | COOLING | HEATING | COOLING | HEATING | COOLING | HEATING | COOLING | HEATING |
| CAPACITY [kW] | | 2.50 | 3.20 | 2.50 | 3.20 | 3.50 | 4.10 | 3.50 | 4.10 | 4.30 | 5.00 | 4.30 | 5.00 |
| POWER INPUT [kW] | | 0.680 | 0.880 | 0.690 | 0.880 | 1.090 | 1.170 | 1.090 | 1.170 | 1.370 | 1.420 | 1.370 | 1.420 |
| CURRENT [A] | | 3.4 | 4.4 | 3.4 | 4.4 | 5.2 | 5.8 | 5.2 | 5.8 | 6.4 | 6.6 | 6.4 | 6.6 |
| MAX. CURRENT [A] | | 6.9 | | | | 7.7 | | | | 9.2 | | | |
| ENERGY EFFICIENCY RATIO/ COEFFICIENT OF PERFORMANCE [kW/kW] | | 3.68 | 3.64 | 3.62 | 3.64 | 3.21 | 3.50 | 3.21 | 3.50 | 3.14 | 3.52 | 3.14 | 3.52 |
| DIMENSION (H×V×D) | OUTDOOR UNIT [mm] | 541 × 663 × 290 | | | | | | | | | | | |
| | INDOOR UNIT (GRILLE) [mm] | 245 × 570 × 570 (49 × 620 × 620) | | 198 × 700 × 620 | | 245 × 570 × 570 (49 × 620 × 620) | | 198 × 700 × 620 | | 245 × 570 × 570 (49 × 620 × 620) | | 198 × 700 × 620 | |
| WEIGHT | OUTDOOR UNIT [kg] | 23 | | | | 25 | | | | 32 | | | |
| | INDOOR UNIT (GRILLE) [kg] | 15 (2.3) | | 17 | | 15 (2.3) | | 17 | | 15 (2.3) | | 17 | |
| REFRIGERANT CHARGE (Tons - CO ₂ equivalent) [kg] (t-CO ₂ eq) | | 0.60 (0.405) | | | | 0.70 (0.473) | | | | 0.85 (0.574) | | | |

- For more information, visit our web site at: www.fujitsu-general.com
- For spare parts inquiry, consult the store that you purchased the product.
- Sound pressure level : less than 70 dB(A) by according to IEC 704-1.

| OPERATING RANGE | | INDOOR | OUTDOOR |
|-----------------|------|------------|-----------|
| COOLING/DRY | [°C] | 18 to 32 | -10 to 46 |
| HEATING | [°C] | 16 to 30 | -15 to 24 |
| HUMIDITY | [%] | 80 or less | — |

- If the air conditioner is operated under the conditions except the permissible temperature range, the air conditioner may stop because of the automatic protection circuit working.
- Depending on the operating conditions, the heat exchanger may freeze during the Cooling or Dry mode and it may cause water leakage and other damage.
- If the unit is used for long periods under high-humidity conditions, condensation may form on the surface of the indoor unit, and drip onto the floor or other objects underneath.

[Original instructions]



PART No. 9333272634 (En)

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