

PRODUCT INFORMATION (*1)

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|--|---|--|--------------------------|
| ROOM AIR CONDITIONER | INDOOR MODEL OUTDOOR MODEL | MSZ-AY25VGKP / MSZ-AY25VGK MUZ-AY25VG | |
| Function (indicate if present) | | If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'. | |
| cooling | Y | Average (mandatory) | Y |
| heating | Y | Warmer (if designated) | Y |
| | | Colder (if designated) | N |
| Item | symbol | value | unit |
| Design load | | | |
| cooling | Pdesignc | 2.5 | kW |
| heating/Average | Pdesignh | 2.4 | kW |
| heating/Warmer | Pdesignh | 1.3 | kW |
| heating/Colder | Pdesignh | x | kW |
| Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj | | | |
| Tj=35°C | Pdc | 2.5 | kW |
| Tj=30°C | Pdc | 1.9 | kW |
| Tj=25°C | Pdc | 1.2 | kW |
| Tj=20°C | Pdc | 1.0 | kW |
| Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=-7°C | Pdh | 2.2 | kW |
| Tj=2°C | Pdh | 1.3 | kW |
| Tj=7°C | Pdh | 0.9 | kW |
| Tj=12°C | Pdh | 0.8 | kW |
| Tj=bivalent temperature | Pdh | 2.4 | kW |
| Tj=operating limit | Pdh | 1.9 | kW |
| Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=2°C | Pdh | 1.3 | kW |
| Tj=7°C | Pdh | 0.9 | kW |
| Tj=12°C | Pdh | 0.8 | kW |
| Tj=bivalent temperature | Pdh | 1.3 | kW |
| Tj=operating limit | Pdh | 1.9 | kW |
| Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=-7°C | Pdh | x | kW |
| Tj=2°C | Pdh | x | kW |
| Tj=7°C | Pdh | x | kW |
| Tj=12°C | Pdh | x | kW |
| Tj=bivalent temperature | Pdh | x | kW |
| Tj=operating limit | Pdh | x | kW |
| Tj=-15°C | Pdh | x | kW |
| Bivalent temperature | | | |
| heating/Average | Tbiv | -10 | °C |
| heating/Warmer | Tbiv | 2 | °C |
| heating/Colder | Tbiv | x | °C |
| Cycling interval capacity | | | |
| for cooling | Pcycc | x | kW |
| for heating | Pcyh | x | kW |
| Degradation co-efficient cooling | Cdc | 0.25 | - |
| Electric power input in power modes other than 'active mode' | | | |
| off mode | P _{OFF} | 1 | W |
| standby mode | P _{SB} | 1 | W |
| thermostat - off mode | P _{TO} | 8 | W |
| crankcase heater mode | P _{CK} | 0 | W |
| Capacity control (indicate one of three options) | | | |
| fixed | | N | |
| staged | | N | |
| variable | | Y | |
| Seasonal efficiency | | symbol | value unit |
| cooling | | SEER | 8.7 - |
| heating/Average | | SCOP/A | 4.8 - |
| heating/Warmer | | SCOP/W | 5.7 - |
| heating/Colder | | SCOP/C | x - |
| Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj | | | |
| Tj=35°C | EERd | 4.2 | - |
| Tj=30°C | EERd | 6.4 | - |
| Tj=25°C | EERd | 11.0 | - |
| Tj=20°C | EERd | 16.0 | - |
| Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=-7°C | COPd | 3.2 | - |
| Tj=2°C | COPd | 4.9 | - |
| Tj=7°C | COPd | 5.9 | - |
| Tj=12°C | COPd | 7.0 | - |
| Tj=bivalent temperature | COPd | 2.8 | - |
| Tj=operating limit | COPd | 2.1 | - |
| Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=2°C | COPd | 4.9 | - |
| Tj=7°C | COPd | 5.9 | - |
| Tj=12°C | COPd | 7.0 | - |
| Tj=bivalent temperature | COPd | 4.9 | - |
| Tj=operating limit | COPd | 2.1 | - |
| Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature Tj | | | |
| Tj=-7°C | COPd | x | - |
| Tj=2°C | COPd | x | - |
| Tj=7°C | COPd | x | - |
| Tj=12°C | COPd | x | - |
| Tj=bivalent temperature | COPd | x | - |
| Tj=operating limit | COPd | x | - |
| Tj=-15°C | COPd | x | - |
| Operating limit temperature | | | |
| heating/Average | Toi | -20 | °C |
| heating/Warmer | Toi | -20 | °C |
| heating/Colder | Toi | x | °C |
| Cycling interval efficiency | | | |
| for cooling | EERcyc | x | - |
| for heating | COPcyc | x | - |
| Degradation co-efficient heating | Cdh | 0.25 | - |
| Annual electricity consumption | | | |
| cooling | Q _{CE} | 100 | kWh/a |
| heating/Average | Q _{HE} | 697 | kWh/a |
| heating/Warmer | Q _{HE} | 319 | kWh/a |
| heating/Colder | Q _{HE} | x | kWh/a |
| Other items | | | |
| Sound power level (indoor/outdoor) | L _{WA} | 57/59 | dB(A) |
| Global warming potential | GWP (*2) | 675 | kgCO ₂ eq. |
| Rated air flow (indoor/outdoor) | - | 630/1932 | m ³ /h |
| Contact details for obtaining more information | MITSUBISHI ELECTRIC CORPORATION SHIZUOKA WORKS 3-18-1, Oshika, Suruga-ku, Shizuoka 422-8528, Japan E-mail: melshierp@mitsubishiElectric.co.jp | | |

(*1) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No. 206/2012.

(*2) This GWP value is based on Regulation (EU) No. 517/2014 from IPCC 4th Assessment Report.

For Regulation (EU) No. 626/2011, which cites the IPCC Third Assessment Report, Climate Change 2001, the GWP is 550.

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| TECHNICAL DOCUMENTATION (1) |
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|----------------------|-------------------------------|--|--|
| ROOM AIR CONDITIONER | INDOOR MODEL OUTDOOR MODEL | MSZ-AY25VGKP / MSZ-AY25VGK MUZ-AY25VG | 299H*798W*245D (mm) 550H*800W*285D (mm) |
|----------------------|-------------------------------|--|--|

| | |
|----------|---|
| Function | |
| cooling | Y |
| heating | Y |


| | |
|------------------------|---|
| The heating season | |
| Average (mandatory) | Y |
| Warmer (if designated) | Y |
| Colder (if designated) | N |

| | |
|------------------|---|
| Capacity control | |
| fixed | N |
| staged | N |
| variable | Y |

| Item | symbol | value | unit |
|-------------------------|--------|-------|------|
| Seasonal efficiency (2) | | | |
| cooling | SEER | 8.7 | - |
| heating/Average | SCOP/A | 4.8 | - |
| heating/Warmer | SCOP/W | 5.7 | - |
| heating/Colder | SCOP/C | x | - |

| Energy efficiency class | symbol | value | unit |
|-------------------------|--------|-------|------|
| cooling | | | |
| cooling | SEER | A+++ | - |
| heating/Average | SCOP/A | A++ | - |
| heating/Warmer | SCOP/W | A+++ | - |
| heating/Colder | SCOP/C | x | - |

| | | | |
|------------------------------------|-----------------|-------|-----------------------|
| Other items | | | |
| Sound power level (indoor/outdoor) | L _{WA} | 57/59 | dB (A) |
| Refrigerant | - | R32 | - |
| Global warming potential | GWP (3) | 675 | kgCO ₂ eq. |

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| identification and signature of the person empowered to bind the supplier |  _____ Kenichi Saito Department Manager, Quality Assurance Department Mitsubishi Electric Air Conditioning Systems Manufacturing Turkey Joint Stock Company |
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(1) This information is based on COMMISSION DELEGATED REGULATION (EU) No. 626/2011.
 (2) SEER/SCOP values are measured based on EN 14825:2016: Testing and rating at part load conditions and calculation of seasonal performance.
 (3) This GWP value is based on Regulation (EU) No. 517/2014 from IPCC 4th Assessment Report.
 For Regulation (EU) No. 626/2011, which cites the IPCC Third Assessment Report, Climate Change 2001, the GWP is 550.