



ENERG

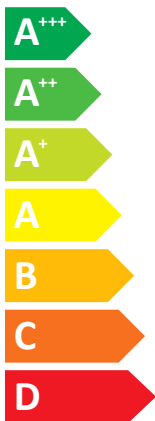
енергия · ενεργεια



Model Indoor unit
Outdoor unit

MSZ-EF25VG
MUZ-EF25VG

SEER



A+++

kW 2,5

SEER 9,1

kWh/annum 96

SCOP



A+++

A++

kW 1,3 2,4 X

SCOP 5,8 4,7 X

kWh/annum 311 713 X



60dB



58dB



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626/2011

JG79J265H01

PRODUCT INFORMATION (*)

| | | |
|----------------------|---------------|--|
| ROOM AIR CONDITIONER | INDOOR MODEL | MSZ-EF25VGW / MSZ-EF25VGS / MSZ-EF25VGB |
| | OUTDOOR MODEL | MSZ-EF25VGKW / MSZ-EF25VGKS / MSZ-EF25VGKB MUZ-EF25VG |

| | |
|--------------------------------|---|
| Function (indicate if present) | |
| cooling | Y |
| heating | Y |

| | |
|--|---|
| 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'. | |
| Average (mandatory) | Y |
| Warmer (if designated) | Y |
| Colder (if designated) | N |

| Item | symbol | value | unit |
|--------------------|----------------------|-------|------|
| Design load | | | |
| cooling | P _{designc} | 2.5 | kW |
| heating/Average | P _{designh} | 2.4 | kW |
| heating/Warmer | P _{designh} | 1.3 | kW |
| heating/Colder | P _{designh} | x | kW |

| Item | symbol | value | unit |
|----------------------------|--------|-------|------|
| Seasonal efficiency | | | |
| cooling | SEER | 9.1 | - |
| heating/Average | SCOP/A | 4.7 | - |
| heating/Warmer | SCOP/W | 5.8 | - |
| heating/Colder | SCOP/C | x | - |

| | | | |
|--|-----------------|-----|----|
| Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature T _j | | | |
| T _j =35°C | P _{dc} | 2.5 | kW |
| T _j =30°C | P _{dc} | 1.9 | kW |
| T _j =25°C | P _{dc} | 1.2 | kW |
| T _j =20°C | P _{dc} | 0.8 | kW |

| | | | |
|--|------------------|------|---|
| Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature T _j | | | |
| T _j =35°C | EER _d | 4.7 | - |
| T _j =30°C | EER _d | 7.6 | - |
| T _j =25°C | EER _d | 10.5 | - |
| T _j =20°C | EER _d | 15.2 | - |

| | | | |
|---|-----------------|-----|----|
| Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T _j | | | |
| T _j =-7°C | P _{dh} | 2.2 | kW |
| T _j =2°C | P _{dh} | 1.3 | kW |
| T _j =7°C | P _{dh} | 0.8 | kW |
| T _j =12°C | P _{dh} | 0.6 | kW |
| T _j =bivalent temperature | P _{dh} | 2.4 | kW |
| T _j =operating limit | P _{dh} | 2.0 | kW |

| | | | |
|---|------------------|-----|---|
| Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T _j | | | |
| T _j =-7°C | COP _d | 2.8 | - |
| T _j =2°C | COP _d | 4.8 | - |
| T _j =7°C | COP _d | 6.2 | - |
| T _j =12°C | COP _d | 6.7 | - |
| T _j =bivalent temperature | COP _d | 2.5 | - |
| T _j =operating limit | COP _d | 2.2 | - |

| | | | |
|--|-----------------|-----|----|
| Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature T _j | | | |
| T _j =2°C | P _{dh} | 1.3 | kW |
| T _j =7°C | P _{dh} | 0.8 | kW |
| T _j =12°C | P _{dh} | 0.6 | kW |
| T _j =bivalent temperature | P _{dh} | 1.3 | kW |
| T _j =operating limit | P _{dh} | 2.0 | kW |

| | | | |
|--|------------------|-----|---|
| Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature T _j | | | |
| T _j =2°C | COP _d | 4.8 | - |
| T _j =7°C | COP _d | 6.2 | - |
| T _j =12°C | COP _d | 6.7 | - |
| T _j =bivalent temperature | COP _d | 4.8 | - |
| T _j =operating limit | COP _d | 2.2 | - |

| | | | |
|--|-----------------|---|----|
| Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature T _j | | | |
| T _j =-7°C | P _{dh} | x | kW |
| T _j =2°C | P _{dh} | x | kW |
| T _j =7°C | P _{dh} | x | kW |
| T _j =12°C | P _{dh} | x | kW |
| T _j =bivalent temperature | P _{dh} | x | kW |
| T _j =operating limit | P _{dh} | x | kW |
| T _j =-15°C | P _{dh} | x | kW |

| | | | |
|--|------------------|---|---|
| Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature T _j | | | |
| T _j =-7°C | COP _d | x | - |
| T _j =2°C | COP _d | x | - |
| T _j =7°C | COP _d | x | - |
| T _j =12°C | COP _d | x | - |
| T _j =bivalent temperature | COP _d | x | - |
| T _j =operating limit | COP _d | x | - |
| T _j =-15°C | COP _d | x | - |

| | | | |
|-----------------------------|------------------|-----|----|
| Bivalent temperature | | | |
| heating/Average | T _{biv} | -10 | °C |
| heating/Warmer | T _{biv} | 2 | °C |
| heating/Colder | T _{biv} | x | °C |

| | | | |
|------------------------------------|-----------------|-----|----|
| Operating limit temperature | | | |
| heating/Average | T _{ol} | -15 | °C |
| heating/Warmer | T _{ol} | -15 | °C |
| heating/Colder | T _{ol} | x | °C |

| | | | |
|----------------------------------|-------------------|------|----|
| Cycling interval capacity | | | |
| for cooling | P _{cycc} | x | kW |
| for heating | P _{cyh} | x | kW |
| Degradation co-efficient cooling | C _{dc} | 0.25 | - |

| | | | |
|------------------------------------|---------------------|------|---|
| Cycling interval efficiency | | | |
| for cooling | EER _{cycc} | x | - |
| for heating | COP _{cyh} | x | - |
| Degradation co-efficient heating | C _{dh} | 0.25 | - |

| | | | |
|---|------------------|-----|---|
| Electric power input in power modes other than 'active mode' | | | |
| off mode | P _{OFF} | 1.0 | W |
| standby mode | P _{SB} | 1.0 | W |
| thermostat - off mode | P _{TO} | 8.0 | W |
| crankcase heater mode | P _{CK} | 0.0 | W |

| | | | |
|---------------------------------------|-----------------|-----|-------|
| Annual electricity consumption | | | |
| cooling | Q _{CE} | 96 | kWh/a |
| heating/Average | Q _{HE} | 713 | kWh/a |
| heating/Warmer | Q _{HE} | 311 | kWh/a |
| heating/Colder | Q _{HE} | x | kWh/a |

| | |
|--|---|
| CE Facility control (indicate one of three options) | |
| fixed | N |
| staged | N |
| variable | Y |

| | | | |
|------------------------------------|-----------------|----------|-----------------------|
| Other items | | | |
| Sound power level (indoor/outdoor) | L _{WA} | 60/58 | dB(A) |
| Global warming potential | GWP | 550 | kgCO ₂ eq. |
| Rated air flow (indoor/outdoor) | - | 630/1668 | 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 |
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(*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012.

TECHNICAL DOCUMENTATION (1)

| | | | |
|----------------------|---------------|---|---------------------|
| ROOM AIR CONDITIONER | INDOOR MODEL | MSZ-EF25VGW / MSZ-EF25VGS / MSZ-EF25VGB MSZ-EF25VGKW / MSZ-EF25VGKS / MSZ-EF25VGKB | 299H*885W*195D (mm) |
| | OUTDOOR MODEL | MUZ-EF25VG | 550H*800W*285D (mm) |

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

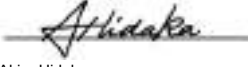
| The heating season | |
|------------------------|---|
| Average (mandatory) | Y |
| Warmer (if designated) | Y |
| Colder (if designated) | N |

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

| Item | symbol | value | unit |
|--------------------------------|--------|-------|------|
| Seasonal efficiency (2) | | | |
| cooling | SEER | 9.1 | - |
| heating/Average | SCOP/A | 4.7 | - |
| heating/Warmer | SCOP/W | 5.8 | - |
| heating/Colder | SCOP/C | x | - |

| Energy efficiency class | | | |
|-------------------------|--------|------|---|
| 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} | 60/58 | dB(A) |
| Refrigerant | - | R32 | - |
| Global warming potential | GWP | 550 | kgCO ₂ eq. |

| | |
|---|--|
| identification and signature of the person empowered to bind the supplier |  |
| | Akira Hidaka Department Manager, Quality Assurance Department MITSUBISHI ELECTRIC CONSUMER PRODUCTS(THAILAND) CO.,LTD |

(1) This information is based on COMMISSION DELEGATED REGULATION (EU)No626/2011.

(2) SEER/SCOP values are measured based on FprEN 14825:2016: Testing and rating at part load conditions and calculation of seasonal performance.