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Model Indoor unit **MSZ-BT25VG**
Outdoor unit **MUZ-BT25VG**

SEER



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

A⁺⁺

kW 2,5

SEER 8,1

kWh/annum 108

SCOP



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

A⁺⁺⁺

A⁺⁺

kW 1,1

1,9

X

SCOP 5,7

4,6

X

kWh/annum 268

577

X



57dB



63dB



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| A Model | B Indoor unit | | MSZ-BT20VG | MSZ-BT25VG | MSZ-BT35VG | MSZ-BT50VG | |
|---------------------------------------|-----------------------------------|-----------------------------------|----------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | C Outdoor unit | | MUZ-BT20VG | MUZ-BT25VG | MUZ-BT35VG | MUZ-BT50VG | |
| D Sound power levels on cooling mode | E Inside | dB | 57 | 57 | 60 | 60 | |
| | F Outside | dB | 63 | 63 | 64 | 64 | |
| G Refrigerant | | | R32 GWP 675 *1 | | | | |
| H Cooling | SEER | | 8,1 | 8,1 | 6,8 | 6,6 | |
| | Energy efficiency class | | A++ | A++ | A++ | A++ | |
| | Annual electricity consumption *2 | | kWh/a | 86 | 108 | 180 | 265 |
| M Heating (Average / Warmer / season) | Design load | | kw | 2,0 | 2,5 | 3,5 | 5,0 |
| | SCOP | | | 4,3 / 5,3 | 4,6 / 5,7 | 4,6 / 5,9 | 4,4 / 5,4 |
| | Energy efficiency class | | | A+ / A+++ | A++ / A+++ | A++ / A+++ | A+ / A+++ |
| | Annual electricity consumption *2 | | kWh/a | 487 / 234 | 577 / 268 | 727 / 304 | 1209 / 543 |
| | Design load | | kw | 1,5 / 0,9 | 1,9 / 1,1 | 2,4 / 1,3 | 3,8 / 2,1 |
| | N De-cleared capacity | P at reference design temperature | kw | 1,5(-10°C) / 0,9(2°C) | 1,9(-10°C) / 1,1(2°C) | 2,4(-10°C) / 1,3(2°C) | 3,8(-10°C) / 2,1(2°C) |
| | | Q at bivalent temperature | kw | 1,5(-10°C) / 0,9(2°C) | 1,9(-10°C) / 1,1(2°C) | 2,4(-10°C) / 1,3(2°C) | 3,8(-10°C) / 2,1(2°C) |
| | | R at operation limit temperature | kw | 1,3(-15°C) / 1,3(-15°C) | 1,7(-15°C) / 1,7(-15°C) | 2,1(-15°C) / 2,1(-15°C) | 3,4(-15°C) / 3,4(-15°C) |
| | T Back up heating capacity | | kw | 0,0(-10°C) / 0,0(2°C) | 0,0(-10°C) / 0,0(2°C) | 0,0(-10°C) / 0,0(2°C) | 0,0(-10°C) / 0,0(2°C) |

| | Deutsch | Italiano | Svenska | Polski | Eesti | Malti | Русский |
|---|----------------------------------|---|-------------------------------|---|-----------------------------|--|---|
| A | Modell | Modello | Modell | Model | Mudel | Mudell | Модель |
| B | Innengerät | Unità interna | Inomhusenhet | Jednostka wewnętrzna | Sisesaade | Unità għal ġewwa | Внутренний прибор |
| C | Außengerät | Unità esterna | Utomhusenhet | Jednostka zewnętrzna | Välisseade | Unità għal barra | Наружный прибор |
| D | Schalleistungspegel im Kühlmodus | Livelli di potenza sonora in modalità di raffreddamento | Bullernivå i nedkylningsläget | Poziom mocy dźwięku w trybie chłodzenia | Müratasemed jahutusrežiimis | Livelli tal-qawwa tal-hsejjes fil-modalità tat-tkessih | Значения уровня звуковой мощности в режиме охлаждения |
| E | Innen | Interno | Insida | Wewnętrzny | Sees | Ġewwa | Внутри |
| F | Außen | Esterno | Utsida | Na zewnątrz | Väljas | Barra | Снаружи |
| G | Kühlmittel | Refrigerante | Köldmedel | Czynnik chłodniczy | Külmutusagens | Refrigerant | Хладагент |

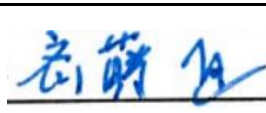
| | Deutsch | Italiano | Svenska | Polski | Eesti | Malti | Русский |
|---|--|---|--|---|-------------------------------------|---|--|
| H | Kühlen | Raffreddamento | Kyla | Chłodzenie | Jahutus | Tkessih | Охлаждение |
| J | Energieeffizienzklasse | Classe di efficienza energetica | Energi klass | Klasa energetyczna | Energiatõhususe klass | Klassi tal-effiċjenza fl-użu tal-enerġija | Класс эффективности использования энергии |
| K | Jahresstromverbrauch *2 | Consumo annuale di energia elettrica *2 | Årlig strömförbrukning *2 | Zużycie prądu w skali roku *2 | Aastane voolutarbimus *2 | Konsum annwali tal-elettriku *2 | Годовое потребление электроэнергии *2 |
| L | Lastauslegung | Carico nominale | Dimensionerande belastning | Maksymalne obciążenie | Projekteeritud koormus | Tagħbiha tad-disinn | Расчетная нагрузка |
| M | Chauffage (moyenne saison / saison chaude) | Θέρμανση (Εποχή με μέσες / υψηλότερες θερμοκρασίες) | Topeni (průměrná/teplá sezóna) | Ogrzewanie (Średnio / Toplejši letni čas) | Otploenie (Средно / Топлеjšи сезон) | Sildšana (Vidēji siltā/siltā gadalaikā) | Opwarming (gjennomsnittlig / varmere årstid) |
| N | Capacité déclarée | Δηλωμένη χωρητικότητα | Udåvnad kapacitet | Deklarowana pojemność | Deklarerad kapacitet | Kapacità d'dikjarata | Гарантированная мощность |
| P | bei angegebener Referenztemperatur | alla temperatura di progetto di riferimento | vid dimensionerande referenstempertatur | w znamionowej temperaturze odniesienia | projekteerimise võrdlustemperatuur | f'temperatura tad-disinn ta' referenza | при эталонной расчетной температуре |
| Q | à la température de calcul de référence | σε θερμοκρασία σχεδιασμού αναφοράς | při referenční výpočtové teplotě | ob referenční nazivní temperaturi | ag teocht deartha tagartha | perusmitoitustämpötilassa | ved referansetemperatur for utforming |
| R | à température bivalente | à temperatura bivalente | vid bivalent temperatur | w temperaturze bivalentnej | bivalentse temperatuur | f'temperatura bivalenti | при бивалентной температуре |
| S | à température de fonctionnement limite | σε θερμοκρασία ορίου λειτουργίας | při teplotě na hranici provozního limitu | pri mejni delovni temperaturi | ag teocht teorann oibrúcháin | toimintarajälämpötilassa | при предельной рабочей температуре |
| T | Backup-Heizleistung | Capacità di riscaldamento addizionale | Kapacitet för reservvärme | Zapasowa pojemność grzewcza | Tagavara küttevoimsus | Kapacità tat-tishin ta' sostenn | Резервная тепловая мощность |

| PRODUCT INFORMATION (*1) | | | |
|---|---|--|-----------------------|
| ROOM AIR CONDITIONER | INDOOR MODEL OUTDOOR MODEL | MSZ-BT25VG / MSZ-BT25VGK MUZ-BT25VG | |
| 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 | 1.9 | kW |
| heating/Warmer | Pdesignh | 1.1 | kW |
| heating/Colder | Pdesignh | x | kW |
| 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 | 2.5 | kW |
| Tj=30°C | Pdc | 1.9 | kW |
| Tj=25°C | Pdc | 1.2 | kW |
| Tj=20°C | Pdc | 0.9 | kW |
| 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 | 1.7 | kW |
| Tj=2°C | Pdh | 1.1 | kW |
| Tj=7°C | Pdh | 0.7 | kW |
| Tj=12°C | Pdh | 0.7 | kW |
| Tj=bivalent temperature | Pdh | 1.9 | kW |
| Tj=operating limit | Pdh | 1.7 | kW |
| 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 | 1.1 | kW |
| Tj=7°C | Pdh | 0.7 | kW |
| Tj=12°C | Pdh | 0.7 | kW |
| Tj=bivalent temperature | Pdh | 1.1 | kW |
| Tj=operating limit | Pdh | 1.7 | kW |
| 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 | 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 | | Operating limit temperature | |
| heating/Average | Tbiv | -10 | °C |
| heating/Warmer | Tbiv | 2 | °C |
| heating/Colder | Tbiv | x | °C |
| Cycling interval capacity | | Cycling interval efficiency | |
| for cooling | Pcycc | x | kW |
| for heating | Pcyh | x | kW |
| Degradation co-efficient cooling | Cdc | 0.25 | - |
| for cooling | EERcyc | x | - |
| for heating | COPcyc | x | - |
| Degradation co-efficient heating | Cdh | 0.25 | - |
| Electric power input in power modes other than 'active mode' | | Annual electricity consumption | |
| 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 |
| cooling | Q _{CE} | 108 | kWh/a |
| heating/Average | Q _{HE} | 577 | kWh/a |
| heating/Warmer | Q _{HE} | 268 | kWh/a |
| heating/Colder | Q _{HE} | x | kWh/a |
| Capacity control (indicate one of three options) | | Other items | |
| fixed | | N | |
| staged | | N | |
| variable | | Y | |
| Sound power level (indoor/outdoor) | L _{WA} | 57/63 | dB(A) |
| Global warming potential | GWP (*2) | 675 | kgCO ₂ eq. |
| Rated air flow (indoor/outdoor) | - | 654/1392 | 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. 626/2001, which cites the IPCC Third Assessment Report, Climate Change 2001, the GWP is 550.

| TECHNICAL DOCUMENTATION ⁽¹⁾ | | | |
|---|--|--------------------------|-----------------------|
| ROOM AIR CONDITIONER | INDOOR MODEL | MSZ-BT25VG / MSZ-BT25VGK | 280H*838W*235D (mm) |
| | OUTDOOR MODEL | MUZ-BT25VG | 538H*699W*249D (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 | 8.1 | - |
| heating/Average | SCOP/A | 4.6 | - |
| heating/Warmer | SCOP/W | 5.7 | - |
| 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} | 57/63 | dB (A) |
| Refrigerant | - | R32 | - |
| Global warming potential | GWP ⁽³⁾ | 675 | kgCO ₂ eq. |
| identification and signature of the person empowered to bind the supplier |  Tadashi Saito Department Manager, Quality Assurance Department MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO., LTD | | |

(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. 626/2001, which cites the IPCC Third Assessment Report, Climate Change 2001, the GWP is 550.