

For Turkey  
Türkiye için

BH79N258H21



**ENERG**  
енергия · ενεργεια

Y IJA  
IE IA



Model

Outdoor unit  
Indoor unit1  
Indoor unit2

**MXZ-2F33VF2**  
**MSZ-AP15VG**  
**MSZ-LN18VG**

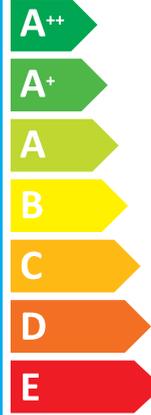
SEER



**A++**

kW **3,3**  
SEER **6,13**  
kWh/yıl **188**

SCOP



**A+**

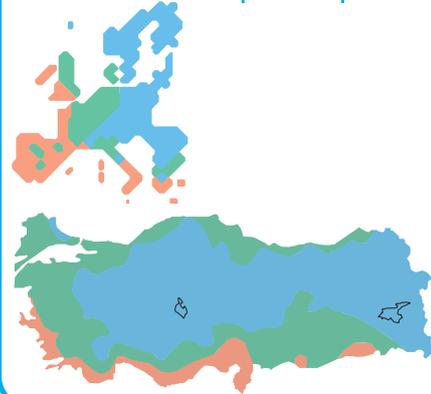
kW **X** **2,7** **X**  
SCOP **X** **4,16** **X**  
kWh/yıl **X** **908** **X**



Indoor unit1  
**59dB**  
Indoor unit2  
**58dB**



Outdoor unit  
**60dB**



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626/2011



|                                      |   |                                 |             |             |             |              |             |
|--------------------------------------|---|---------------------------------|-------------|-------------|-------------|--------------|-------------|
| A Model                              | Outdoor unit                            |                                 | MXZ-2F33VF2 | MXZ-2F42VF2 | MXZ-2F53VF2 | MXZ-2F53VFH2 |             |
|                                      | Indoor unit 1                           |                                 | MSZ-AP15VG  | MSZ-LN18VG  | MSZ-LN18VG  | MSZ-LN18VG   |             |
|                                      | Indoor unit 2                           |                                 | MSZ-LN18VG  | MSZ-LN25VG  | MSZ-LN35VG  | MSZ-LN35VG   |             |
|                                      | Indoor unit 3                           |                                 | —           | —           | —           | —            |             |
|                                      | Indoor unit 4                           |                                 | —           | —           | —           | —            |             |
|                                      | Indoor unit 5                           |                                 | —           | —           | —           | —            |             |
| B Sound power levels on cooling mode | Outside                                 |                                 | 60          | 59          | 61          | 61           |             |
|                                      | Inside 1                                |                                 | 59          | 58          | 58          | 58           |             |
|                                      | Inside 2                                |                                 | 58          | 58          | 58          | 58           |             |
|                                      | Inside 3                                |                                 | —           | —           | —           | —            |             |
|                                      | Inside 4                                |                                 | —           | —           | —           | —            |             |
|                                      | Inside 5                                |                                 | —           | —           | —           | —            |             |
| Refrigerant                          |   | R32 GWP 550 *1                  |             |             |             |              |             |
| C Cooling                            | SEER                                    |                                 | 6,13        | 8,69        | 8,63        | 8,63         |             |
|                                      | Energy efficiency class                 |                                 | A++         | A+++        | A+++        | A+++         |             |
|                                      | Annual electricity consumption *2 kWh/a |                                 | 188         | 169         | 215         | 215          |             |
|                                      | Design load kW                          |                                 | 3,3         | 4,2         | 5,3         | 5,3          |             |
| D Heating (Average season)           | SCOP                                    |                                 | 4,16        | 4,60        | 4,60        | 4,49         |             |
|                                      | Energy efficiency class                 |                                 | A+          | A++         | A++         | A+           |             |
|                                      | Annual electricity consumption *2 kWh/a |                                 | 908         | 974         | 973         | 998          |             |
|                                      | Design load kW                          |                                 | 2,7         | 3,2         | 3,2         | 3,2          |             |
|                                      | De-clared capacity                      | at reference design temperature |             | 2,2 (-10°C) | 2,7 (-10°C) | 2,7 (-10°C)  | 2,7 (-10°C) |
|                                      |   | at bivalent temperature         |             | 2,4 (-7°C)  | 2,9 (-7°C)  | 2,9 (-7°C)   | 2,9 (-7°C)  |
| at operation limit temperature       |   | 1,8 (-15°C)                     | 2,3 (-15°C) | 2,3 (-15°C) | 2,1 (-20°C) |              |             |
| Back up heating capacity             |   | 0,5                             |             |             |             |              |             |

|   | Deutsch                          | Italiano  | Svenska                        | Polski                                  | Eesti                       | Malti  | Русский   |
|---|----------------------------------|---|--------------------------------|---|-----------------------------|--|---|
| A | Modell                           | Modello   | Modell                         | Model                                   | Mudel                       | Mudell   | Модель  |
| B | Innengerät                       | Unità interna   | Inomhusenhet                   | Jednostka wewnętrzna                    | Siseseade                   | Unità għal gewwa                                       | 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 nedkyllningsläget | 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                        | Gewwa  | Внутри  |
| F | Außen                            | Esterno   | Utsida                         | Na zewnątrz                             | Väljas                      | Barra  | Снаружи   |
|   | À l'intérieur                    | Εσωτερικό   | Uvniř                          | Znotraj                                 | Laistigh                    | Sisäpuoli  | Innwendig   |
|   | Binnenkant                       | Interior  | Vo vnutri                      | Wnętrze                                 | Iekšējās                    | Iç taraf   | Усредини  |
|   | Interior                         | Indwendig   | Bent                           | Interior                                | Vidinis                     | Unutra   |   |
|   | À l'extérieur                    | Εξωτερικό   | Venku                          | Zunaj                                   | Lasmuigh                    | Ulkopuoli  | Utwendig  |
|   | Buizenkant                       | Exterior  | Vonku                          | Na otwarty                              | Ärteipä                     | Dış taraf  | Назовні   |
|   | Exterior                         | Udwendig  | A szababban                    | Exterior                                | Išorinis                    | Vani   |   |

|   | Deutsch                                   | Italiano                                | Svenska                                       | Polski  | Eesti                                   | Malti                                    | Русский                                   |
|---|---|---|---|---|---|--|---|
| G | Kühlmittel                                | Refrigerante                            | Köldmedel                                     | Czynnik chłodniczy                              | Külmutusagens                           | Refrigerant                              | Хладагент                                 |
| H | Kühlen                                    | Raffreddamento                          | Kyla  | Chłodzenie                                      | Jahutus                                 | Tkessih                                  | Охлаждение                                |
| I | Energieeffizienzklasse                    | Classe di efficienza energetica         | Energi klass                                  | Klasa energetyczna                              | Energiatõhususe klass                   | Klassi tal-efiċjenza fl-użu tal-enerġija | Класс эффективности использования энергии |
| J | Jahresstromverbrauch *2                   | Consumo annuale di energia elettrica *2 | Årlig strömförbrukning *2                     | Zużycie prądu w skali roku *2                   | Aastane voolubarimis *2                 | Konsum annwal tal-eletriku *2            | Годовое потребление электроэнергии *2     |
| K | Consommation d'électricité annuelle *2    | Ετήσια κατανάλωση ρεύματος *2           | Roční spotřeba elektrické energie *2          | Letna poraba elektrike *2                       | Idüi leicteachais bhliantüil *2         | Vuotuinen sähkökulutus *2                | Årlig strömforbruk *2                     |
| L | Charge de calcul                          | Σχεδιασμός φόρτισης                     | Jmenovitě zatižení                            | Nazivna obremenitev                             | Lõd deartha                             | Laskettu kuormitus                       | Уформингсbelastning                       |
| M | Heizen (Jahresdurchschnitt)               | Riscaldamento (stagione media)          | Värme (genomsnittlig årstid)                  | Ogrzewanie (średnie temperatury)                | Kütmine (keskmise hooaeg)               | Tishin (Staġun medju)                    | Нагрев (средний сезон)                    |
| N | Nennkapazität                             | Capacità dichiarata                     | Fütés (átlagos időjárás)                      | İncázire (sezon mediu)                          | Šıldymas (vidutinio sezono)             | Zagriavanje (prosječna sezona)           | Гарантированная мощность                  |
| O | Capacité déclarée                         | Δηλωμένη χωρητικότητα                   | Udáváná kapacita                              | Prijavljena zmogljivost                         | Toileadh fógartha                       | Ilmoitettu teho                          | Erklært kapasitet                         |
| P | à la température de calcul de référence   | σε θερμοκρασία σχεδιασμού αναφοράς      | při referenční výpočtové teplotě              | ob referenčni nazivni temperaturi               | ag teocht deartha tagartha              | perusmitoituislämpötilassa               | ved referansetemperatur for utforming     |
| Q | à la température de fonctionnement limite | σε θερμοκρασία ορίου λειτουργίας        | při teplotě na hranici provozního limitu      | pri mejni delovni temperaturi                   | ag teocht teorann oibriúcháin           | toimintarajalämpötilassa                 | ved temperatur for driftsgrense           |
| R | bij referentieontwerptemperatuur          | à temperatura nominal de referencia     | při referenční výpočtové teplotě              | pri izračunovani projektne temperature          | aprèqina references temperatürä         | referans tasarim sıcaklığında            | При эталонной расчетной температуре       |
| S | bij grens werkingstemperatuur             | ved brugsafhængig referencetemperatur   | tervezési referenciához tartozó hőmérsékleten | la temperatura de referință nominală            | esant norminei projektinei temperaturai | pri referentnoj temperaturi              | При граничной рабочей температуре         |
| T | Backup-Heizleistung                       | Capacità di riscaldamento addizionale   | Kapacitet för reservvärme                     | Zapazowa pojemność grzewcza                     | Tagavara küttevõimsus                   | Kapacità tat-tishin ta' sostenn          | Резервная тепловая мощность               |
|   | Capacité de chauffage d'appoint           | Δυνατότητα εφεδρικής θέρμανσης          | Kapacita záložního vytápění                   | Rezervna zmogljivost ogrevanja                  | Toileadh téimh chultaca                 | Varalämmitysteho                         | Sikkerhetskapsitet for oppvarming         |
|   | Reserveverwarmingscapaciteit              | Capacidade de aquecimento de reserva    | Výkon záložného vykurovacieho telesa          | Мощност на спомагателно електрическо подгряване | Rezerves silditaja jauda                | Yedek isitma kapasitesi                  | Резервна теплова потужність               |
|   | Capacidad de calefacción auxiliar         | Reservevermearcapaciteit                | Kisegítő fűtési teljesítmény                  | Capacitate de încălzire de siguranță            | Pagalbinio šildymo pajėgumas            | Kapacitet rezervnog grijanja             |   |



**PRODUCT INFORMATION <sup>(\*)</sup>**

|                      |                    |                             |
|----------------------|--------------------|-----------------------------|
| ROOM AIR CONDITIONER | INDOOR MODEL 1/2/3 | MSZ-AP15VG / MSZ-LN18VG / - |
|                      | INDOOR MODEL 4/5/6 | - / - / -                   |
|                      | OUTDOOR MODEL      | MXZ-2F33VF2                 |

|                                |   |
|--------------------------------|---|
| 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)   | N |
| Colder (if designated)   | N |

| Item            | symbol   | value | unit |
|-----------------|----------|-------|------|
| Design load     |          |       |      |
| cooling         | Pdesignc | 3,3   | kW   |
| heating/Average | Pdesignh | 2,7   | kW   |
| heating/Warmer  | Pdesignh | x     | kW   |
| heating/Colder  | Pdesignh | x     | kW   |

| Item                | symbol | value | unit |
|---------------------|--------|-------|------|
| Seasonal efficiency |        |       |      |
| cooling             | SEER   | 6,13  | -    |
| heating/Average     | SCOP/A | 4,16  | -    |
| heating/Warmer      | SCOP/W | x     | -    |
| heating/Colder      | SCOP/C | x     | -    |

|  |     |      |    |
|--|-----|------|----|
| Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj |     |      |    |
| Tj=35°C  | Pdc | 3,30 | kW |
| Tj=30°C  | Pdc | 2,50 | kW |
| Tj=25°C  | Pdc | 2,20 | kW |
| Tj=20°C  | Pdc | 2,30 | kW |

|   |      |      |   |
|---|------|------|---|
| Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj |      |      |   |
| Tj=35°C   | EERd | 3,88 | - |
| Tj=30°C   | EERd | 6,20 | - |
| Tj=25°C   | EERd | 7,60 | - |
| Tj=20°C   | EERd | 8,60 | - |

|   |     |      |    |
|---|-----|------|----|
| Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj |     |      |    |
| Tj=-7°C   | Pdh | 2,40 | kW |
| Tj=2°C  | Pdh | 1,60 | kW |
| Tj=7°C  | Pdh | 1,50 | kW |
| Tj=12°C   | Pdh | 1,70 | kW |
| Tj=bivalent temperature   | Pdh | 2,40 | kW |
| Tj=operating limit  | Pdh | 1,80 | kW |

|   |      |      |   |
|---|------|------|---|
| Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj |      |      |   |
| Tj=-7°C   | COPd | 2,90 | - |
| Tj=2°C  | COPd | 4,10 | - |
| Tj=7°C  | COPd | 6,00 | - |
| Tj=12°C   | COPd | 6,90 | - |
| Tj=bivalent temperature   | COPd | 2,90 | - |
| Tj=operating limit  | COPd | 2,30 | - |

|  |     |   |    |
|--|-----|---|----|
| Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj |     |   |    |
| 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 |

|  |      |   |   |
|--|------|---|---|
| Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj |      |   |   |
| 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 | - |

|  |     |   |    |
|--|-----|---|----|
| 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 |

|  |      |   |   |
|--|------|---|---|
| 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 | - |

|                      |      |    |    |
|----------------------|------|----|----|
| Bivalent temperature |      |    |    |
| heating/Average      | Tbiv | -7 | °C |
| heating/Warmer       | Tbiv | x  | °C |
| heating/Colder       | Tbiv | x  | °C |

|                             |     |     |    |
|-----------------------------|-----|-----|----|
| Operating limit temperature |     |     |    |
| heating/Average             | Tol | -15 | °C |
| heating/Warmer              | Tol | x   | °C |
| heating/Colder              | Tol | x   | °C |

|                           |       |      |    |
|---------------------------|-------|------|----|
| Cycling interval capacity |       |      |    |
| for cooling               | Pcycc | x    | kW |
| for heating               | Pcyh  | x    | kW |
| Degradation co-efficient  | Cdc   | 0,25 | -  |

|                             |        |      |   |
|-----------------------------|--------|------|---|
| Cycling interval efficiency |        |      |   |
| for cooling                 | EERcyc | x    | - |
| for heating                 | COPcyc | x    | - |
| Degradation co-efficient    | Cdh    | 0,25 | - |

|  |      |   |   |
|--|------|---|---|
| Electric power input in power modes other than 'active mode' |      |   |   |
| off mode   | POFF | 4 | W |
| standby mode   | PSB  | 4 | W |
| thermostat - off mode  | PTO  | 7 | W |
| crankcase heater mode  | PCK  | 0 | W |

|                                |     |     |       |
|--------------------------------|-----|-----|-------|
| Annual electricity consumption |     |     |       |
| cooling                        | QCE | 188 | kWh/a |
| heating/Average                | QHE | 908 | kWh/a |
| heating/Warmer                 | QHE | x   | kWh/a |
| heating/Colder                 | QHE | x   | kWh/a |

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

|                                       |     |              |                   |
|---------------------------------------|-----|--------------|-------------------|
| Other items                           |     |              |                   |
| Sound power level (indoor1,2/outdoor) | LWA | 59,58/60     | dB(A)             |
| Global warming potential              | GWP | 550          | kgCO2eq.          |
| Rated air flow (indoor1,2/outdoor)    | -   | 384,690/1890 | m <sup>3</sup> /h |

|  |  |
|--|--|
| Contact details for obtaining more information | MITSUBISHI ELECTRIC CORPORATION SHIZUOKA WORKS<br>3-18-1, Oshika, Suruga-ku, Shizuoka 422-8528, Japan<br>E-mail: melshierp@nb.MitsubishiElectric.co.jp |
|--|--|

(\*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012,

**TECHNICAL DOCUMENTATION <sup>(1)</sup>**

|                      |                |             |                   |
|----------------------|----------------|-------------|-------------------|
| ROOM AIR CONDITIONER | INDOOR MODEL 1 | MSZ-AP15VG  | 250H760W178D (mm) |
|                      | INDOOR MODEL 2 | MSZ-LN18VG  | 307H890W233D (mm) |
|                      | INDOOR MODEL 3 | -           | -                 |
|                      | INDOOR MODEL 4 | -           | -                 |
|                      | INDOOR MODEL 5 | -           | -                 |
|                      | INDOOR MODEL 6 | -           | -                 |
|                      | OUTDOOR MODEL  | MXZ-2F33VF2 | 550H800W285D (mm) |

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

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

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

| Item                               | symbol | value | unit |
|------------------------------------|--------|-------|------|
| Seasonal efficiency <sup>(2)</sup> |        |       |      |
| cooling                            | SEER   | 6,13  | -    |
| heating/Average                    | SCOP/A | 4,16  | -    |
| heating/Warmer                     | SCOP/W | x     | -    |
| heating/Colder                     | SCOP/C | x     | -    |

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

|                                       |     |          |                       |
|---------------------------------------|-----|----------|-----------------------|
| Other items                           |     |          |                       |
| Sound power level (indoor1,2/outdoor) | LWA | 59,58/60 | dB(A)                 |
| Refrigerant                           | -   | R32      | -                     |
| Global warming potential              | GWP | 550      | kgCO <sub>2</sub> eq. |

|   |   |  |  |
|---|---|--|--|
| identification and signature of the person empowered to bind the supplier |    |  |  |
|   | Akira HIDAKA<br>Department manager,<br>Quality Assurance Department<br>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 14825:2011: Testing and rating at part load conditions and calculation of seasonal performance