



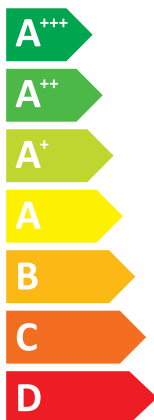
ENERG

енергия · ενεργεια



Model Indoor unit **MSZ-BT50VG(K)2**
Outdoor unit **MUZ-BT50VG2**

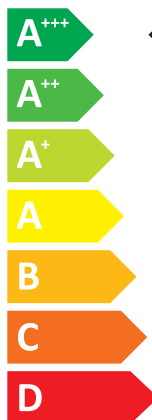
SEER



A++

kW **5,0**
SEER **6,6**
kWh/annum **265**

SCOP



A+++

A+

kW	2,1	3,8	X
SCOP	5,4	4,4	X
kWh/annum	542	1203	X



60dB



64dB



ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI

626/2011

VG79N726H01

VG79Y175H01



Ⓐ	Model		Ⓑ	Indoor unit	MSZ-BT20VG2 MSZ-BT20VGK2	MSZ-BT25VG2 MSZ-BT25VGK2	MSZ-BT35VG2 MSZ-BT35VGK2	MSZ-BT50VG2 MSZ-BT50VGK2
			Ⓒ	Outdoor unit	MUZ-BT20VG2	MUZ-BT25VG2	MUZ-BT35VG2	MUZ-BT50VG2
Ⓓ	Sound power levels on cooling mode		Ⓔ	Inside	dB	57	57	60
			Ⓕ	Out-side	dB	63	63	64
Ⓖ	Refrigerant		R32 GWP 675 *1					
Ⓕ	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	265
		Ⓛ Design load			kw	2,0	2,5	5,0
Ⓜ	Heating (Average / Warmer / season)	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	716 / 314	728 / 311	760 / 330
		Ⓛ Design load			kw	2,2 / 1,2	2,4 / 1,3	2,5 / 1,4
		Ⓝ De- clared capacity	Ⓟ at reference de- sign temperature	kw	2,2(-10°C) / 1,2(2°C)	2,4(-10°C) / 1,3(2°C)	2,5(-10°C) / 1,4(2°C)	3,8(-10°C) / 2,1(2°C)
			Ⓡ at bivalent tem- perature	kw	2,2(-10°C) / 1,2(2°C)	2,4(-10°C) / 1,3(2°C)	2,5(-10°C) / 1,4(2°C)	3,8(-10°C) / 2,1(2°C)
			Ⓢ 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)	3,3(-15°C) / 3,3(-15°C)
		Ⓣ 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)

Ⓐ	Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
	Français	Ελληνικά	Česky	Slovensko	Gaeilge	Suomi	Norsk
	Nederlands	Português	Slovensky	Български	Latviski	Türkçe	Українська
	Español	Dansk	Magyar	Magyar	Lietuvių k.	Hrvatski	
	Modell	Modello	Modell	Model	Mudel	Mudell	Модель
Ⓑ	Modèle	Μοντέλο	Model	Model	Déanamh	Malli	Modell
	Model	Modelo	Model	Модел	Modelis	Model	Модель
	Modelo	Model	Modell	Modelis	Modelis	Model	
	Innengerät	Unità interna	Inomhusenhet	Jednostka wewnętrzna	Siseseade	Unità għal ġewwa	Внутренний прибор
	Appareil intérieur	Εσωτερική μονάδα	Vnitřní jednotka	Notranja enota	Aonad laistigh	Sisäyksikkö	Innendørsenhet
Ⓒ	Binnenunit	Unidade interior	Vnitřní jednotka	Вътрешно тяло	Iekšējais ierīce	İç ünite	Внутрішній блок
	Unidad interior	Indendørsenhet	Beltéri egység	Unitate de interior	Patalpoje montuojamas įrenginys	Unutarnja jedinica	
	Außengerät	Unità esterna	Utomhusenhet	Jednostka zewnętrzna	Välisseade	Unità għal barra	Наружный прибор
	Modèle extérieur	Εξωτερική μονάδα	Vnější jednotka	Zunanja enota	Aonad lasmuigh	Ulkoyksikkö	Utendørsenhet
	Buitenunit	Unidade exterior	Vonkajšia jednotka	Външно тяло	Ārtelpas ierīce	Diş ünite	Зовнішній блок
Ⓓ	Unidad exterior	Udendørsenhet	Kültéri egység	Unitate de exterior	Lauke montuojamas įrenginys	Vanjska jedinica	
	Schalleistungspegel im Kühl- modus	Livelli di potenza sonora in modal- ità 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
	Niveaux de puissance corrects en mode de refroidissement	Επίπεδα ισχύος ήχου στην κατάσταση ψύξης	Úrovně hluchnosti v režimu chlazení	Ravni zvčne moči v načinu hlajenja	Leibhèil chumhachta fauime ar mhodh fuairthe	Äänenvoimakkuaustasot viilen- nystillassa	Lydtrykknivåer i avkjølingsmodus
	Geluidsniveaus in koelstand	Níveis de potência sonora em modo de arrefecimento	Hladiny akustického výkonu v režime chladenia	Нива на звуковата мощност в режим на охлаждане	Akustiskās jaudas līmenis dzēsēšanas režīmā	Soğutma modunda ses güç düzeyleri	Рівні звукової потужності у режимі охолодження
	Niveles de potencia del sonido en el modo de refrigeración	Lydstyrkeniveauer i kølefunktion	Hangnyomásszintek hűtés üzem- ködésben	Nivel sonor în modul de răcire	Garso galios lygis vėsimo režimu	Razine zvučnog tlaka pri hlađenju	
Ⓔ	Innen	Interno	Insida	Wewnętrz	Sees	Ġewwa	Внутри
	À l'intérieur	Εσωτερικό	Uvnitř	Znotraj	Laistigh	Sisäpuoli	Innvendig
	Binnenkant	Interior	Vo vnútri	Вътре	Iekšējās	İç taraf	Усередині
	Interior	Indvendig	Bent	Interior	Vidinis	Unutra	
	Außen	Esterno	Utsida	Na zewnątrz	Väljs	Barra	Снаружи
Ⓕ	À l'extérieur	Εξωτερικό	Venku	Zunaj	Lasmuigh	Ulkopuoli	Utvendig
	Buitenkant	Exterior	Vonku	На открыто	Ārtelpā	Diş taraf	Назовні
	Exterior	Udvendig	A szabadban	Exterior	Išorinis	Vani	
	Kühlmittel	Refrigerante	Köldmedel	Czynnik chłodniczy	Kūlmutusagens	Refrigerant	Хладагент
	Réfrigérant	Ψυκτικό	Chladivo	Hladino sredstvo	Cuisineán	Kylmäaine	Kjølemedium
Ⓖ	Koelmiddel	Refrigerante	Chladivo	Хладилен агент	Aukstumaģents	Soğutucu	Холодоагент
	Refrigerante	Kølemiddel	Hűtőközeg	Refrigerent	Šaldalas	Rashladno sredstvo	

Ⓐ	Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
	Français	Ελληνικά	Česky	Slovensko	Gaeilge	Suomi	Norsk
	Nederlands	Português	Slovensky	Български	Latviski	Türkçe	Українська
	Español	Dansk	Magyar	Română	Lietuvių k.	Hrvatski	
	Kühlen	Raffreddamento	Kyla	Chłodzenie	Jahutus	Tkessih	Охлаждение
Ⓑ	Refroidissement	Ψύξη	Chlazení	Hlajenje	Fuarú	Viilennys	Avkjøling
	Koelen	Arrefecimento	Chlazení	Охлаждане	Dzēsēšana	Soğutma	Охолодження
	Refrigeración	Køling	Hűtés	Răcire	Vēsīmas	Hlađenje	
	Energieeffizienzklasse	Classe di efficienza energetica	Energiklass	Klasa energetyczna	Energiatõhususe klass	Klassi tal-effiċjenza fl-użu tal- energija	Класс эффективности использования энергии
	Classe d'efficacité énergétique	Κλάση ενεργειακής απόδοσης	Trída energetické účinnosti	Razred energetske učinkovitosti	Aicme éifeachtúlachta fuinnimh	Energiatohokkuusluokka	Energieeffektivitetsklasse
Ⓒ	Energie-efficiëntieklasse	Classe de eficiencia energética	Trída energetickéj účinnosti	Клас на енергийна ефективност	Energoefektivitātes klase	Enerji verimlilik sınıfı	Клас ефективності енергоспоживання
	Clase de eficiencia energética	Energieeffektivitetsklasse	Energiahatékonysági osztály	Clasă de eficiență energetică	Enerģijas vortojimo efektyvumo klasē	Klasa energetske učinkovitosti	
	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
	Consommation d'électricité an- nuelle *2	Ετήσια κατανάλωση ρεύματος *2	Roční spotřeba elektrické energie *2	Letna poraba elektrike *2	Īdiū leictrachais bhliantūil *2	Vuotuinen sähkönkulutus *2	Årlig strømförbruk *2
	Jaarlijks elektriciteitsverbruik *2	Consumo anual de electricidade *2	Ročná spotreba elektriny *2	Годишна консумация на электроенергия *2	Gada elektroenerģijas patēriņš *2	Yıllık elektrik tüketimi *2	Річне споживання електроенергії *2
Ⓓ	Consumo anual de electricidad *2	Årligt elforbrug *2	Éves áramfogyasztás *2	Consum anual de electricitate *2	Metinis elektros energijos suvar- tojimas *2	Godišnja potrošnja električne energije *2	
	Lastauslegung	Carico nominale	Dimensionerande belastning	Maksymalne obciążenie	Projekteeritud koormus	Tagħbija tad-disinn	Расчетная нагрузка
	Charge de calcul	Σχεδιασμός φόρτωσης	Jmenovitě zatížení	Nazivna obremenitev	Lód deartha	Laskettu kuormitus	Utformingsbelastning
	Ontwerpbelasting	Carga nominal	Projektované zaťaženie	Проектен товар	Aprēķina slodze	Tasarım yükü	Розрахункове навантаження
	Carga de diseño	Brugslast	Méretezési terhelés	Sarcinā nominalā	Projektiņē apkrova	Težina uređaja	
Ⓜ	Heizen (Jahresdurchschnitt / wärmeres Wetter)	Riscaldamento (Stagione media / calda)	Värme (Genomsnittlig/varmare årstid)	Ogrzewanie (Sezon umiarkow- any/ciepley)	Kütmine (keskmise/soojaperiood)	Tishin (Staġun Medju / Aktar Shun)	Нагрев (средний/теплый сезон)
	Chauffage (moyenne saison / saison chaude)	Θέρμανση (Εποχή με μέσες / υψηλότερες θερμοκρασίες)	Topení (průměrná/teplá sezóna)	Ogrevanje (Povprečni/toplejši letni čas)	Téamh (Séasúr Meánach / Nios teo)	Lämmitys (Normaali / Lämpimämpi kausi)	Oppvarming (gjennomsnittlig / varmere årstid)
	Verwarmen (gemiddeld / warmer seizoen)	Aquecimento (Média estação / estação mais quente)	Vykurovanie (Priemerné/teplejšie obdobie)	Отопление (Средно / Топъл сезон)	Šildīšana (Vidēji siltā/siltā gadalaikā)	Isitma (Ortalama / Ilık mevsim)	Опалення (у середній/теплій сезон)
	Calefacción (Promedio / temp- rada más cálida)	Varme (gennemsnittlig/varmere sæson)	Fűtés (Átlagos/meleg évszak)	Încălzire (Anotimp normal/mai cald)	Šildymas (vidutinis / šiltuoju sezonu)	Zagrijavanje (Prosjek / toplija sezona)	
	Nennkapazität	Capacità dichiarata	Deklarerad kapacitet	Deklarowana pojemność	Deklarēritud võimsus	Kapacitā deklarata	Гарантированная мощность
Ⓝ	Capacité déclarée	Δηλωμένη χωρητικότητα	Uđaváná kapacita	Prijavljena zmogljivost	Toileleadh fógartha	Ilmoitettu teho	Erklært kapasitet
	Aangegeven capaciteit	Capacidade declarada	Deklarovaný výkon	Объявeна мощност	Deklarētā jauda	Beyan edilen kapasite	Гарантована потужність
	Capacidad declarada	Erklæret kapacitet	Névtleges teljesítmény	Capacitate declarată	Deklaruotasis pajėgumas	Deklarirani kapacitet	
	bei angegebener Referenztem- peratur	alla temperatura di progetto di riferimento	vid dimensionerande referenstem- peratur	w znamionowej temperaturze odniesienia	projekteerimise võrdlustemperatu- uri juures	f'temperatura tad-disinn ta' referenza	при эталонной расчетной температуре
	à la température de calcul de référence	σε θερμοκρασία σχεδιασμού αναφοράς	při referenční výpočtové teplotě	ob referenční nazivni temperaturi	ag teocht deartha tagartha	perusmitoitustämpötilassa	ved referansetemperatur for utforming
Ⓔ	bij referentieontwerptemperatuur	à temperatura nominal de refer- ència	pri referenčnej výpočtovej teplote	при изчислителна проектна температура	aprēķina references temperatūrā	referans tasarım sıcaklığında	При эталонний розрахунковій температурі
	a temperatura de diseño de referencia	ved brugsafhængig referencetem- peratur	tervezési referencia- hőmérsékleten	la temperatura de referință nominală	esant norminei projektīnei temperatūrai	pri referentnoj temperaturi	
	bei bivalenter Temperatur	alla temperatura bivalente	vid bivalent temperatur	w temperaturze bivalentnej	bivalentse temperatuuri juures	f'temperatura bivalenti	при бивалентной температуре
	à température bivalente	σε θερμοκρασία διθενοούς λειτουργίας	při bivalentní teplotě	pri bivalentni temperaturi	ag teocht dhéfhíusach	kaksiarvoisessa lämpötilassa	ved bivalent temperatur
	bij bivalente temperatuur	à temperatura bivalente	pri bivalentnej teplote	при бивалентна температура	bivalentā temperatūrā	iki değerli sıcaklıkta	При бивалентний температурі
Ⓡ	a temperatura bivalente	ved bivalent temperatur	bivalens hőmérsékleten	la temperatura de bivalentă	esant perėjimo į dvejopo šildymo režimą temperatūrai	pri bivalentnoj temperaturi	
	bei Temperatur an der Betrieb- sgrenze	alla temperatura limite di funzi- onamento	vid driftstemperatürens gränsvärde	w granicznej temperaturze roboczej	tõötamise piirtemperatuuri juures	f'temperatura tal-limitu tat-thaddim	при предельной рабочей температуре
	à 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
	bij grens werkingstemperatuur	à temperatura de limite de fun- cionamiento	pri hraničnej prevádzkovej teplote	при гранична работна температура	ekspluatācijas robežtemperatūrā	çalışma limiti sıcaklığında	При граничний робочій температурі
	a temperatura limite de funcio- namiento	ved driftsgrænsetemperatur	maximális üzemi hőmérsékleten	la temperatura limită de funcționare	esant ribinei veikimo temperatūrai	pri graničnoj radnoj temperaturi	
Ⓣ	Backup-Heizleistung	Capacità di riscaldamento ad- dizionale	Kapacitet för reservvärme	Zapaszowa pojemność grzewcza	Tagavara küttevõimsus	Kapacitā tat-tishin ta' sostenn	Резервная тепловая мощность
	Capacité de chauffage d'appoint	Δυνατότητα εφεδρικής θέρμανσης	Kapacita záložního vytápění	Rezervna zmogljivost ogrevanja	Toileleadh téimh chúltaca	Varalämmitysteho	Sikkerhedskapasitet for oppvarm- ing
	Reserveverwarmingcapaciteit	Capacidade de aquecimento de reserva	Výkon záložného vykurovacieho telesa	Мощност на спомагателно електрическо подгряване	Rezerves šildītāja jauda	Yedek ısıtma kapasitesi	Резервна теплава потужність
	Capacidad de calefacción auxiliar	Reservevarmekapacitet	Kiegészítő fűtési teljesítmény	Capacitate de încălzire de siguranță	Pagalbinio šildymo pajėgumas	Kapacitet rezervnog grijanja	

PRODUCT INFORMATION (*1)																																				
ROOM AIR CONDITIONER	INDOOR MODEL OUTDOOR MODEL	MSZ-BT50VGK2 / MSZ-BT50VG2 MUZ-BT50VG2																																		
Function (indicate if present)																																				
cooling		Y																																		
heating		Y																																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th>Item</th> <th>symbol</th> <th>value</th> <th>unit</th> </tr> </thead> <tbody> <tr style="background-color: #ffffcc;"> <td colspan="4">Design load</td> </tr> <tr> <td>cooling</td> <td>P_{designc}</td> <td>5.0</td> <td>kW</td> </tr> <tr> <td>heating/Average</td> <td>P_{designh}</td> <td>3.8</td> <td>kW</td> </tr> <tr> <td>heating/Warmer</td> <td>P_{designh}</td> <td>2.1</td> <td>kW</td> </tr> <tr> <td>heating/Colder</td> <td>P_{designh}</td> <td>x</td> <td>kW</td> </tr> </tbody> </table>					Item	symbol	value	unit	Design load				cooling	P _{designc}	5.0	kW	heating/Average	P _{designh}	3.8	kW	heating/Warmer	P _{designh}	2.1	kW	heating/Colder	P _{designh}	x	kW								
Item	symbol	value	unit																																	
Design load																																				
cooling	P _{designc}	5.0	kW																																	
heating/Average	P _{designh}	3.8	kW																																	
heating/Warmer	P _{designh}	2.1	kW																																	
heating/Colder	P _{designh}	x	kW																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th>Item</th> <th>symbol</th> <th>value</th> <th>unit</th> </tr> </thead> <tbody> <tr style="background-color: #ffffcc;"> <td colspan="4">Seasonal efficiency</td> </tr> <tr> <td>cooling</td> <td>SEER</td> <td>6.6</td> <td>—</td> </tr> <tr> <td>heating/Average</td> <td>SCOP/A</td> <td>4.4</td> <td>—</td> </tr> <tr> <td>heating/Warmer</td> <td>SCOP/W</td> <td>5.4</td> <td>—</td> </tr> <tr> <td>heating/Colder</td> <td>SCOP/C</td> <td>x</td> <td>—</td> </tr> </tbody> </table>					Item	symbol	value	unit	Seasonal efficiency				cooling	SEER	6.6	—	heating/Average	SCOP/A	4.4	—	heating/Warmer	SCOP/W	5.4	—	heating/Colder	SCOP/C	x	—								
Item	symbol	value	unit																																	
Seasonal efficiency																																				
cooling	SEER	6.6	—																																	
heating/Average	SCOP/A	4.4	—																																	
heating/Warmer	SCOP/W	5.4	—																																	
heating/Colder	SCOP/C	x	—																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature T_j</th> </tr> </thead> <tbody> <tr> <td>T_j=35°C</td> <td>P_{dc}</td> <td>5.0</td> <td>kW</td> </tr> <tr> <td>T_j=30°C</td> <td>P_{dc}</td> <td>3.7</td> <td>kW</td> </tr> <tr> <td>T_j=25°C</td> <td>P_{dc}</td> <td>2.4</td> <td>kW</td> </tr> <tr> <td>T_j=20°C</td> <td>P_{dc}</td> <td>1.1</td> <td>kW</td> </tr> </tbody> </table>					Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature T _j				T _j =35°C	P _{dc}	5.0	kW	T _j =30°C	P _{dc}	3.7	kW	T _j =25°C	P _{dc}	2.4	kW	T _j =20°C	P _{dc}	1.1	kW												
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature T _j																																				
T _j =35°C	P _{dc}	5.0	kW																																	
T _j =30°C	P _{dc}	3.7	kW																																	
T _j =25°C	P _{dc}	2.4	kW																																	
T _j =20°C	P _{dc}	1.1	kW																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature T_j</th> </tr> </thead> <tbody> <tr> <td>T_j=35°C</td> <td>EERd</td> <td>2.5</td> <td>—</td> </tr> <tr> <td>T_j=30°C</td> <td>EERd</td> <td>4.7</td> <td>—</td> </tr> <tr> <td>T_j=25°C</td> <td>EERd</td> <td>8.0</td> <td>—</td> </tr> <tr> <td>T_j=20°C</td> <td>EERd</td> <td>12.8</td> <td>—</td> </tr> </tbody> </table>					Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature T _j				T _j =35°C	EERd	2.5	—	T _j =30°C	EERd	4.7	—	T _j =25°C	EERd	8.0	—	T _j =20°C	EERd	12.8	—												
Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature T _j																																				
T _j =35°C	EERd	2.5	—																																	
T _j =30°C	EERd	4.7	—																																	
T _j =25°C	EERd	8.0	—																																	
T _j =20°C	EERd	12.8	—																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T_j</th> </tr> </thead> <tbody> <tr> <td>T_j=7°C</td> <td>P_{dh}</td> <td>3.4</td> <td>kW</td> </tr> <tr> <td>T_j=2°C</td> <td>P_{dh}</td> <td>2.1</td> <td>kW</td> </tr> <tr> <td>T_j=7°C</td> <td>P_{dh}</td> <td>1.4</td> <td>kW</td> </tr> <tr> <td>T_j=12°C</td> <td>P_{dh}</td> <td>0.8</td> <td>kW</td> </tr> <tr> <td>T_j=bivalent temperature</td> <td>P_{dh}</td> <td>3.8</td> <td>kW</td> </tr> <tr> <td>T_j=operating limit</td> <td>P_{dh}</td> <td>3.3</td> <td>kW</td> </tr> </tbody> </table>					Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T _j				T _j =7°C	P _{dh}	3.4	kW	T _j =2°C	P _{dh}	2.1	kW	T _j =7°C	P _{dh}	1.4	kW	T _j =12°C	P _{dh}	0.8	kW	T _j =bivalent temperature	P _{dh}	3.8	kW	T _j =operating limit	P _{dh}	3.3	kW				
Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T _j																																				
T _j =7°C	P _{dh}	3.4	kW																																	
T _j =2°C	P _{dh}	2.1	kW																																	
T _j =7°C	P _{dh}	1.4	kW																																	
T _j =12°C	P _{dh}	0.8	kW																																	
T _j =bivalent temperature	P _{dh}	3.8	kW																																	
T _j =operating limit	P _{dh}	3.3	kW																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T_j</th> </tr> </thead> <tbody> <tr> <td>T_j=7°C</td> <td>COPd</td> <td>2.8</td> <td>—</td> </tr> <tr> <td>T_j=2°C</td> <td>COPd</td> <td>4.5</td> <td>—</td> </tr> <tr> <td>T_j=7°C</td> <td>COPd</td> <td>5.5</td> <td>—</td> </tr> <tr> <td>T_j=12°C</td> <td>COPd</td> <td>6.1</td> <td>—</td> </tr> <tr> <td>T_j=bivalent temperature</td> <td>COPd</td> <td>2.6</td> <td>—</td> </tr> <tr> <td>T_j=operating limit</td> <td>COPd</td> <td>2.2</td> <td>—</td> </tr> </tbody> </table>					Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T _j				T _j =7°C	COPd	2.8	—	T _j =2°C	COPd	4.5	—	T _j =7°C	COPd	5.5	—	T _j =12°C	COPd	6.1	—	T _j =bivalent temperature	COPd	2.6	—	T _j =operating limit	COPd	2.2	—				
Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T _j																																				
T _j =7°C	COPd	2.8	—																																	
T _j =2°C	COPd	4.5	—																																	
T _j =7°C	COPd	5.5	—																																	
T _j =12°C	COPd	6.1	—																																	
T _j =bivalent temperature	COPd	2.6	—																																	
T _j =operating limit	COPd	2.2	—																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature T_j</th> </tr> </thead> <tbody> <tr> <td>T_j=2°C</td> <td>P_{dh}</td> <td>2.1</td> <td>kW</td> </tr> <tr> <td>T_j=7°C</td> <td>P_{dh}</td> <td>1.4</td> <td>kW</td> </tr> <tr> <td>T_j=12°C</td> <td>P_{dh}</td> <td>0.8</td> <td>kW</td> </tr> <tr> <td>T_j=bivalent temperature</td> <td>P_{dh}</td> <td>2.1</td> <td>kW</td> </tr> <tr> <td>T_j=operating limit</td> <td>P_{dh}</td> <td>3.3</td> <td>kW</td> </tr> </tbody> </table>					Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature T _j				T _j =2°C	P _{dh}	2.1	kW	T _j =7°C	P _{dh}	1.4	kW	T _j =12°C	P _{dh}	0.8	kW	T _j =bivalent temperature	P _{dh}	2.1	kW	T _j =operating limit	P _{dh}	3.3	kW								
Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature T _j																																				
T _j =2°C	P _{dh}	2.1	kW																																	
T _j =7°C	P _{dh}	1.4	kW																																	
T _j =12°C	P _{dh}	0.8	kW																																	
T _j =bivalent temperature	P _{dh}	2.1	kW																																	
T _j =operating limit	P _{dh}	3.3	kW																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature T_j</th> </tr> </thead> <tbody> <tr> <td>T_j=2°C</td> <td>COPd</td> <td>4.5</td> <td>—</td> </tr> <tr> <td>T_j=7°C</td> <td>COPd</td> <td>5.5</td> <td>—</td> </tr> <tr> <td>T_j=12°C</td> <td>COPd</td> <td>6.1</td> <td>—</td> </tr> <tr> <td>T_j=bivalent temperature</td> <td>COPd</td> <td>4.5</td> <td>—</td> </tr> <tr> <td>T_j=operating limit</td> <td>COPd</td> <td>2.2</td> <td>—</td> </tr> </tbody> </table>					Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature T _j				T _j =2°C	COPd	4.5	—	T _j =7°C	COPd	5.5	—	T _j =12°C	COPd	6.1	—	T _j =bivalent temperature	COPd	4.5	—	T _j =operating limit	COPd	2.2	—								
Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature T _j																																				
T _j =2°C	COPd	4.5	—																																	
T _j =7°C	COPd	5.5	—																																	
T _j =12°C	COPd	6.1	—																																	
T _j =bivalent temperature	COPd	4.5	—																																	
T _j =operating limit	COPd	2.2	—																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature T_j</th> </tr> </thead> <tbody> <tr> <td>T_j=-7°C</td> <td>P_{dh}</td> <td>x</td> <td>kW</td> </tr> <tr> <td>T_j=2°C</td> <td>P_{dh}</td> <td>x</td> <td>kW</td> </tr> <tr> <td>T_j=7°C</td> <td>P_{dh}</td> <td>x</td> <td>kW</td> </tr> <tr> <td>T_j=12°C</td> <td>P_{dh}</td> <td>x</td> <td>kW</td> </tr> <tr> <td>T_j=bivalent temperature</td> <td>P_{dh}</td> <td>x</td> <td>kW</td> </tr> <tr> <td>T_j=operating limit</td> <td>P_{dh}</td> <td>x</td> <td>kW</td> </tr> <tr> <td>T_j=-15°C</td> <td>P_{dh}</td> <td>x</td> <td>kW</td> </tr> </tbody> </table>					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 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																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature T_j</th> </tr> </thead> <tbody> <tr> <td>T_j=-7°C</td> <td>COPd</td> <td>x</td> <td>—</td> </tr> <tr> <td>T_j=2°C</td> <td>COPd</td> <td>x</td> <td>—</td> </tr> <tr> <td>T_j=7°C</td> <td>COPd</td> <td>x</td> <td>—</td> </tr> <tr> <td>T_j=12°C</td> <td>COPd</td> <td>x</td> <td>—</td> </tr> <tr> <td>T_j=bivalent temperature</td> <td>COPd</td> <td>x</td> <td>—</td> </tr> <tr> <td>T_j=operating limit</td> <td>COPd</td> <td>x</td> <td>—</td> </tr> <tr> <td>T_j=-15°C</td> <td>COPd</td> <td>x</td> <td>—</td> </tr> </tbody> </table>					Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature T _j				T _j =-7°C	COPd	x	—	T _j =2°C	COPd	x	—	T _j =7°C	COPd	x	—	T _j =12°C	COPd	x	—	T _j =bivalent temperature	COPd	x	—	T _j =operating limit	COPd	x	—	T _j =-15°C	COPd	x	—
Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature T _j																																				
T _j =-7°C	COPd	x	—																																	
T _j =2°C	COPd	x	—																																	
T _j =7°C	COPd	x	—																																	
T _j =12°C	COPd	x	—																																	
T _j =bivalent temperature	COPd	x	—																																	
T _j =operating limit	COPd	x	—																																	
T _j =-15°C	COPd	x	—																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Bivalent temperature</th> </tr> </thead> <tbody> <tr> <td>heating/Average</td> <td>T_{biv}</td> <td>-10</td> <td>°C</td> </tr> <tr> <td>heating/Warmer</td> <td>T_{biv}</td> <td>2</td> <td>°C</td> </tr> <tr> <td>heating/Colder</td> <td>T_{biv}</td> <td>x</td> <td>°C</td> </tr> </tbody> </table>					Bivalent temperature				heating/Average	T _{biv}	-10	°C	heating/Warmer	T _{biv}	2	°C	heating/Colder	T _{biv}	x	°C																
Bivalent temperature																																				
heating/Average	T _{biv}	-10	°C																																	
heating/Warmer	T _{biv}	2	°C																																	
heating/Colder	T _{biv}	x	°C																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Operating limit temperature</th> </tr> </thead> <tbody> <tr> <td>heating/Average</td> <td>T_{ol}</td> <td>-15</td> <td>°C</td> </tr> <tr> <td>heating/Warmer</td> <td>T_{ol}</td> <td>-15</td> <td>°C</td> </tr> <tr> <td>heating/Colder</td> <td>T_{ol}</td> <td>x</td> <td>°C</td> </tr> </tbody> </table>					Operating limit temperature				heating/Average	T _{ol}	-15	°C	heating/Warmer	T _{ol}	-15	°C	heating/Colder	T _{ol}	x	°C																
Operating limit temperature																																				
heating/Average	T _{ol}	-15	°C																																	
heating/Warmer	T _{ol}	-15	°C																																	
heating/Colder	T _{ol}	x	°C																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Cycling interval capacity</th> </tr> </thead> <tbody> <tr> <td>for cooling</td> <td>P_{cyc}</td> <td>x</td> <td>kW</td> </tr> <tr> <td>for heating</td> <td>P_{ych}</td> <td>x</td> <td>kW</td> </tr> <tr> <td>Degradation co-efficient cooling</td> <td>C_{dc}</td> <td>0.25</td> <td>—</td> </tr> </tbody> </table>					Cycling interval capacity				for cooling	P _{cyc}	x	kW	for heating	P _{ych}	x	kW	Degradation co-efficient cooling	C _{dc}	0.25	—																
Cycling interval capacity																																				
for cooling	P _{cyc}	x	kW																																	
for heating	P _{ych}	x	kW																																	
Degradation co-efficient cooling	C _{dc}	0.25	—																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Cycling interval efficiency</th> </tr> </thead> <tbody> <tr> <td>for cooling</td> <td>EER_{cyc}</td> <td>x</td> <td>—</td> </tr> <tr> <td>for heating</td> <td>COP_{cyc}</td> <td>x</td> <td>—</td> </tr> <tr> <td>Degradation co-efficient heating</td> <td>C_{dh}</td> <td>0.25</td> <td>—</td> </tr> </tbody> </table>					Cycling interval efficiency				for cooling	EER _{cyc}	x	—	for heating	COP _{cyc}	x	—	Degradation co-efficient heating	C _{dh}	0.25	—																
Cycling interval efficiency																																				
for cooling	EER _{cyc}	x	—																																	
for heating	COP _{cyc}	x	—																																	
Degradation co-efficient heating	C _{dh}	0.25	—																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Electric power input in power modes other than 'active mode'</th> </tr> </thead> <tbody> <tr> <td>off mode</td> <td>P_{OFF}</td> <td>1</td> <td>W</td> </tr> <tr> <td>standby mode</td> <td>P_{SB}</td> <td>1</td> <td>W</td> </tr> <tr> <td>thermostat - off mode</td> <td>P_{TO}</td> <td>8</td> <td>W</td> </tr> <tr> <td>crankcase heater mode</td> <td>P_{CK}</td> <td>0</td> <td>W</td> </tr> </tbody> </table>					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												
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																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Annual electricity consumption</th> </tr> </thead> <tbody> <tr> <td>cooling</td> <td>Q_{CE}</td> <td>265</td> <td>kWh/a</td> </tr> <tr> <td>heating/Average</td> <td>Q_{HE}</td> <td>1203</td> <td>kWh/a</td> </tr> <tr> <td>heating/Warmer</td> <td>Q_{HE}</td> <td>542</td> <td>kWh/a</td> </tr> <tr> <td>heating/Colder</td> <td>Q_{HE}</td> <td>x</td> <td>kWh/a</td> </tr> </tbody> </table>					Annual electricity consumption				cooling	Q _{CE}	265	kWh/a	heating/Average	Q _{HE}	1203	kWh/a	heating/Warmer	Q _{HE}	542	kWh/a	heating/Colder	Q _{HE}	x	kWh/a												
Annual electricity consumption																																				
cooling	Q _{CE}	265	kWh/a																																	
heating/Average	Q _{HE}	1203	kWh/a																																	
heating/Warmer	Q _{HE}	542	kWh/a																																	
heating/Colder	Q _{HE}	x	kWh/a																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Capacity control (indicate one of three options)</th> </tr> </thead> <tbody> <tr> <td>fixed</td> <td></td> <td>N</td> <td></td> </tr> <tr> <td>staged</td> <td></td> <td>N</td> <td></td> </tr> <tr> <td>variable</td> <td></td> <td>Y</td> <td></td> </tr> </tbody> </table>					Capacity control (indicate one of three options)				fixed		N		staged		N		variable		Y																	
Capacity control (indicate one of three options)																																				
fixed		N																																		
staged		N																																		
variable		Y																																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #ffffcc;"> <th colspan="4">Other items</th> </tr> </thead> <tbody> <tr> <td>Sound power level (indoor/outdoor)</td> <td>L_{WA}</td> <td>60/64</td> <td>dB (A)</td> </tr> <tr> <td>Global warming potential</td> <td>GWP (*2)</td> <td>675</td> <td>kgCO₂eq.</td> </tr> <tr> <td>Rated air flow (indoor/outdoor)</td> <td>—</td> <td>792/1824</td> <td>m³/h</td> </tr> </tbody> </table>					Other items				Sound power level (indoor/outdoor)	L _{WA}	60/64	dB (A)	Global warming potential	GWP (*2)	675	kgCO ₂ eq.	Rated air flow (indoor/outdoor)	—	792/1824	m ³ /h																
Other items																																				
Sound power level (indoor/outdoor)	L _{WA}	60/64	dB (A)																																	
Global warming potential	GWP (*2)	675	kgCO ₂ eq.																																	
Rated air flow (indoor/outdoor)	—	792/1824	m ³ /h																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>Contact details for obtaining more information</td> <td colspan="4"> MITSUBISHI ELECTRIC CORPORATION SHIZUOKA WORKS 3-18-1, Oshika, Suruga-ku, Shizuoka 422-8528, Japan E-mail: melshierp@MitsubishiElectric.co.jp </td> </tr> </tbody> </table>					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																														
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.

TECHNICAL DOCUMENTATION (1)			
ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-BT50VGK2 / MSZ-BT50VG2	280H*838W*235D (mm)
	OUTDOOR MODEL	MUZ-BT50VG2	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	6.6	—
heating/Average	SCOP/A	4.4	—
heating/Warmer	SCOP/W	5.4	—
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}	60/64	dB (A)
Refrigerant	—	R32	—
Global warming potential	GWP (3)	675	kgCO ₂ eq.
identification and signature of the person empowered to bind the supplier	 Kunihiro Morishita 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. 626/2011, which cites the IPCC Third Assessment Report, Climate Change 2001, the GWP is 550.