



ENERGY

MITSUBISHI
ELECTRIC

MSY-TP50VF
MUY-TP50VF

SEER



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

A⁺⁺

5.0
kW

8.0
SEER

218
kWh/annum



60 dB



61 dB

626/2011

JG79N111H01

JG79Y429H02



A	Model	B	Indoor unit		MSY-TP35VF	MSY-TP50VF
		C	Outdoor unit		MUY-TP35VF	MUY-TP50VF
D	Sound power levels on cooling mode	E	Inside	dB	60	60
		F	Out-side	dB	58	61
G	Refrigerant				R32 GWP 675 *1	
H	Cooling	SEER			9,0	8,0
		Energy efficiency class			A+++	A++
		Annual electricity consumption *2			136	218
		Design load			3,5	5,0

	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	
A	Modell	Modello	Modell	Model	Mudel	Mudell	Модель
	Modèle	Μοντέλο	Model	Model	Déanamh	Malli	Modell
	Model	Modelo	Model	Модел	Modelis	Model	Модель
	Modelo	Model	Modell	Model	Modelis	Model	
B	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	Vnútorná jednotka	Вътрешно тяло	Iekšējpu ierīce	İç ünite	Внутрішній блок
	Unidad interior	Indendørsenhet	Beltéri egység	Unitate de interior	Patalpoje montuojamas įrenginys	Unutarnja jedinica	
C	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	
D	Schallleistungspegel 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
	Niveaux de puissance corrects en mode de refroidissement	Επίπεδα ισχύος ήχου στην κατάσταση ψύξης	Úrovně hluchnosti v režimu chlazení	Ravni zvočne moči v načinu hlajenja	Leibhéal chumhachta fuaim ar mhodh fuaraithe	Äänenvoimakkuustasot viilen-nystilassa	Lydtrykknivåer i avkjølingsmodus
	Geluidsniveaus in koelstand	Níveis de potência sonora em modo de arrefecimento	Hladiny akustického výkonu v režime chlazení	Нива на звуковата мощност в режим на охлаждане	Akustiskās jaudas līmenis dzesēšanas režīmā	Soğutma modunda ses gücü düzeyleri	Рівні звукової потужності у режимі охолодження
	Niveles de potencia del sonido en el modo de refrigeración	Lydstyrkeniveauer i kølefunktion	Hangnyomásszintek hűtés üzem-môdban	Nivel sonor în modul de răcire	Garso galios lygis vėsimo režimu	Razine zvučnog tlaka pri hlađenju	
E	Innen	Interno	Insida	Wewnętrz	Sees	Ġewwa	Внутри
	À l'intérieur	Εσωτερικό	Uvnitř	Znotraj	Laistigh	Sisäpuoli	Innwendig
	Binnenkant	Interior	Vo vnútri	Вътре	Iekšelpās	İç taraf	Усередині
	Interior	Indvendig	Bent	Interior	Vidinis	Unutra	
F	Außen	Esterno	Utsida	Na zewnątrz	Vāļjas	Barra	Снаружи
	À l'extérieur	Εξωτερικό	Venku	Zunaj	Lasmuigh	Ulkopuoli	Utvendig
	Buitenkant	Exterior	Vonku	На открито	Ārtelpā	Diş taraf	Назовні
	Exterior	Udvendig	A szabadban	Exterior	Īšorinis	Vani	
G	Kühlmittel	Refrigerante	Köldmedel	Czynnik chłodniczy	Kūlmutusagens	Refrigerant	Хладагент
	Réfrigérant	Ψυκτικό	Chladivo	Hladino sredstvo	Cuisneán	Kylmäaine	Kjølemiddel
	Koelmiddel	Refrigerante	Chladivo	Хладилен агент	Aukstumaģents	Soğutucu	Холодоагент
	Refrigerante	Kølemiddel	Hűtőközeg	Refrigerent	Šaldālis	Rashladno sredstvo	

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	Español	Dansk	Magyar	Română	Lietuvių k.	Hrvatski	
H	Kühlen	Raffreddamento	Kyla	Chłodzenie	Jahutus	Tkessih	Охлаждение
	Refroidissement	Ψύξη	Chlazení	Hlajenje	Fuarú	Viilennys	Avkjøling
	Koelen	Arrefecimento	Chlazení	Охлаждане	Dzesēšana	Soğutma	Охолодження
	Refrigeración	Køling	Hűtés	Răcire	Vēsīnimas	Hlađenje	
J	Energieeffizienzklasse	Classe di efficienza energetica	Energiklass	Klasa energetyczna	Energiatõhususe klass	Klassi tal-effiċjenza fl-użu tal-enerġija	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 eficiència energètica	Trieda 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	Energijos vartojimo efektyvumo klasė	Klasa energetske učinkovitosti	
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
	Consommation d'électricité annuelle *2	Ετήσια κατανάλωση ρεύματος *2	Roční spotřeba elektrické energie *2	Letna poraba elektrike *2	Ídiú leictreachais bhliantúil *2	Vuotuinen sähkönkulutus *2	Årlig strømförbruk *2
	Jaarlijks elektriciteitsverbruik *2	Consumo anual de electricidade *2	Ročná spotreba elektriny *2	Годишна консумация на електроенергия *2	Gada elektroenerģijas patēriņš *2	Yıllık elektrik tüketimi *2	Річне споживання електроенергії *2
	Consumo anual de electricidad *2	Årligt elförbruk *2	Éves áramfogyasztás *2	Consum anual de electricitate *2	Metinis elektros energijos suvar-tojimas *2	Godišnja potrošnja električne energije *2	
L	Lastauslegung	Carico nominale	Dimensionerande belastning	Maksymalne obciążenie	Projekteeritud koormus	Taghbija tad-disinn	Расчетная нагрузка
	Charge de calcul	Σχεδιασμός φόρτισης	Jmenovité 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	Projektinē apkrova	Težina uredaja	

PRODUCT INFORMATION (*1)				
ROOM AIR CONDITIONER	INDOOR MODEL OUTDOOR MODEL	MSY-TP50VF MUY-TP50VF		
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)	N	
heating	N	Warmer (if designated)	N	
		Colder (if designated)	N	
Item	symbol	value	unit	
Design load				
cooling	Pdesignc	5.0	kW	
heating/Average	Pdesignh	x	kW	
heating/Warmer	Pdesignh	x	kW	
heating/Colder	Pdesignh	x	kW	
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				
Tj=35°C	Pdc	5.0	kW	
Tj=30°C	Pdc	3.7	kW	
Tj=25°C	Pdc	2.5	kW	
Tj=20°C	Pdc	1.8	kW	
Declared capacity for heating/Average 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	
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 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	x	°C	
heating/Warmer	Tbiv	x	°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}	1.0	W	
standby mode	P _{SB}	1.0	W	
thermostat - off mode	P _{TO}	12.0	W	
crankcase heater mode	P _{CK}	0.0	W	
Capacity control (indicate one of three options)				
fixed	N			
staged	N			
variable	Y			
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			
Item		symbol	value	unit
Seasonal efficiency				
cooling	SEER	8.0	-	
heating/Average	SCOP/A	x	-	
heating/Warmer	SCOP/W	x	-	
heating/Colder	SCOP/C	x	-	
Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature Tj				
Tj=35°C	EERd	3.5	-	
Tj=30°C	EERd	5.7	-	
Tj=25°C	EERd	10.4	-	
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	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	-	
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 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	Tol	x	°C	
heating/Warmer	Tol	x	°C	
heating/Colder	Tol	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}	218	kWh/a	
heating/Average	Q _{HE}	x	kWh/a	
heating/Warmer	Q _{HE}	x	kWh/a	
heating/Colder	Q _{HE}	x	kWh/a	
Other items				
Sound power level (indoor/outdoor)	L _{WA}	60/61	dB (A)	
Global warming potential	GWP (*2)	675	kgCO ₂ eq.	
Rated air flow (indoor/outdoor)	-	990/1758	m³/h	

(*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	MSY-TP50VF	305H*923W*251D (mm)
	OUTDOOR MODEL	MUY-TP50VF	550H*800W*286D (mm)
Function			
	cooling		Y
	heating		N
The heating season			
	Average (mandatory)		N
	Warmer (if designated)		N
	Colder (if designated)		N
Capacity control			
	fixed		N
	staged		N
	variable		Y
Item	symbol	value	unit
Seasonal efficiency ⁽²⁾			
cooling	SEER	8.0	-
heating/Average	SCOP/A	x	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-
Energy efficiency class			
cooling	SEER	A++	-
heating/Average	SCOP/A	x	-
heating/Warmer	SCOP/W	x	-
heating/Colder	SCOP/C	x	-
Other items			
Sound power level (indoor/outdoor)	L _{WA}	60/61	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.