



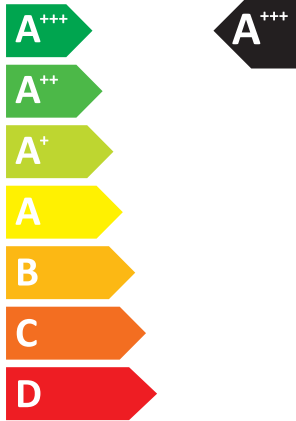
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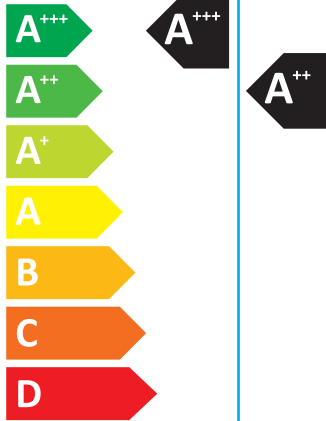
Model Indoor unit **MSZ-FH35VE**  
Outdoor unit **MUZ-FH35VEHZ**

SEER



kW **3,5**  
SEER **8,9**  
kWh/annum **138**

SCOP



kW	<b>2,2</b>	<b>4,0</b>	X
SCOP	<b>6,5</b>	<b>4,8</b>	X
kWh/annum	<b>471</b>	<b>1173</b>	X



**58dB**



**61dB**



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626/2011

JG79B389H01



A Model	B Indoor unit	MSZ-FH25VE		MSZ-FH35VE		MSZ-FH50VE			
		C Outdoor unit	MUZ-FH25VE	MUZ-FH25VEHZ	MUZ-FH35VE	MUZ-FH35VEHZ	MUZ-FH50VE	MUZ-FH50VEHZ	
D Sound power levels on cooling mode	E Inside	dB	58	58	58	58	60	60	
	F Outside	dB	60	60	61	61	64	64	
C Refrigerant		R410A GWP 1975 *1							
H Cooling	SEER		9,1	9,1	8,9	8,9	7,2	7,2	
	Energy efficiency class		A+++	A+++	A+++	A+++	A++	A++	
	Annual electricity consumption *2 kWh/a		96	96	138	138	244	244	
	Design load kw		2,5	2,5	3,5	3,5	5,0	5,0	
M Heating (Average/ Warmer season)	SCOP		5,1 / 6,3	4,9 / 6,3	5,1 / 6,5	4,8 / 6,5	4,6 / 5,7	4,2 / 5,9	
	Energy efficiency class		A+++ / A+++	A++ / A+++	A+++ / A+++	A++ / A+++	A++ / A+++	A+ / A+++	
	Annual electricity consumption *2 kWh/a		819 / 376	924 / 397	986 / 429	1173 / 471	1372 / 614	2006 / 787	
	Design load kw		3,0 (-10°C) / 1,7 (2°C)	3,2 (-10°C) / 1,8 (2°C)	3,6 (-10°C) / 2,0 (2°C)	4,0 (-10°C) / 2,2 (2°C)	4,5 (-10°C) / 2,5 (2°C)	6,0 (-10°C) / 3,3 (2°C)	
	N Declared capacity	P at reference design temperature	kw	3,0 (-10°C) / 1,7 (2°C)	3,2 (-10°C) / 1,8 (2°C)	3,6 (-10°C) / 2,0 (2°C)	4,0 (-10°C) / 2,2 (2°C)	4,5 (-10°C) / 2,5 (2°C)	6,0 (-10°C) / 3,3 (2°C)
		R at bivalent temperature	kw	3,0 (-10°C) / 1,7 (2°C)	3,2 (-10°C) / 1,8 (2°C)	3,6 (-10°C) / 2,0 (2°C)	4,0 (-10°C) / 2,2 (2°C)	4,5 (-10°C) / 2,5 (2°C)	6,0 (-10°C) / 3,3 (2°C)
		S at operation limit temperature	kw	2,5 (-15°C) / 2,5 (-15°C)	1,7 (-25°C) / 1,7 (-25°C)	3,2 (-15°C) / 3,2 (-15°C)	2,6 (-25°C) / 2,6 (-25°C)	5,2 (-15°C) / 5,2 (-15°C)	3,8 (-25°C) / 3,8 (-25°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)	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	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 nedkylningsläget	Poziom mocy dźwięku w trybie chłodzenia	Müratasemed jahutusrežiimis	Livelli tal-qawwa tal-hsejjes fil-modalità tat-tkessi	Значения уровня звуковой мощности в режиме охлаждения
E	Innen	Interno	Innsida	Wewnątrz	Sees	Gewwa	Внутри
F	Außen	Esterno	Utsida	Na zewnątrz	Väljas	Barra	Снаружи
G	Kühlmittel	Refrigerante	Köldmedel	Czynnik chłodniczy	Külmutsagens	Refrigerant	Хладагент

	Deutsch	Italiano	Svenska	Polski	Eesti	Malti	Русский
H	Kühlen	Raffreddamento	Kyla	Chłodzenie	Jahutus	Tkessi	Охлаждение
I	Energieeffizienzklasse	Classe di efficienza energetica	Energiklass	Klasa energetyczna	Energiatõhususe klass	Klassi tal-effiċjenza 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 voolutarbimus *2	Konsum annwali tal-elettriku *2	Годовое потребление электроэнергии *2
K	Lastauslegung	Carico nominale	Dimensionerande belastning	Maksymalne obciążenie	Projektteeritud koormus	Tagħbija tad-disinn	Расчетная нагрузка
L	Heizen (Jahresdurchschnitt / wärmeres Wetter)	Riscaldamento (Stagione media / calda)	Värme (Genomsnittlig/varmare årstid)	Ogrzewanie (Sezon umiarkowany/ciepły)	Kütmine (keskmise/soojaperiood)	Tishin (Stagun Medju / Aktar Shun)	Нагрев (средний/теплый сезон)
M	Nennkapazität	Capacità dichiarata	Deklarerad kapacitet	Deklarowana pojemność	Deklareeritud võimsus	Kapaċità ddiċjarata	Гарантированная мощность
N	bei angegebener Referenztemperatur	alla temperatura di progetto di riferimento	vid dimensionerande referenstempertur	w znamionowej temperaturze odniesienia	projekteerimise võrdlustemperatuur juures	f'temperatura tad-disinn ta' referenza	при эталонной расчетной температуре
O	bei bivalenter Temperatur	alla temperatura bivalente	vid bivalent temperatur	w temperaturze bivalentnej	bivalentse temperatuur juures	f'temperatura bivalenti	при бивалентной температуре
P	bei Temperatur an der Betriebsgrenze	alla temperatura limite di funzionamento	vid driftstemperaturens gränsvärde	w granicznej temperaturze roboczej	tõotamise piirtemperatuur juures	f'temperatura tal-limitu tad-thaddim	при предельной рабочей температуре
Q	Backup-Heizleistung	Capacità di riscaldamento addizionale	Kapacitet för reservvärme	Zapasowa pojemność grzewcza	Tagavara küttevõimsus	Kapaċità tad-tishin ta' sostenn	Резервная тепловая мощность





**PRODUCT INFORMATION (\*)**

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-FH35VE
	OUTDOOR MODEL	MUZ-FH35VEHZ

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 (mandatory)	Y
Warmer (if designated)	Y
Colder (if designated)	N

Item	symbol	value	unit
Design load			
cooling	P <sub>designc</sub>	3.5	kW
heating/Average	P <sub>designh</sub>	4.0	kW
heating/Warmer	P <sub>designh</sub>	2.2	kW
heating/Colder	P <sub>designh</sub>	x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	8.9	-
heating/Average	SCOP/A	4.8	-
heating/Warmer	SCOPW	6.5	-
heating/Colder	SCOP/C	x	-

Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature T <sub>i</sub>			
T <sub>i</sub> =35°C	P <sub>dc</sub>	3.5	kW
T <sub>i</sub> =30°C	P <sub>dc</sub>	2.6	kW
T <sub>i</sub> =25°C	P <sub>dc</sub>	1.7	kW
T <sub>i</sub> =20°C	P <sub>dc</sub>	1.3	kW

Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature T <sub>i</sub>			
T <sub>i</sub> =35°C	EER <sub>d</sub>	4.3	-
T <sub>i</sub> =30°C	EER <sub>d</sub>	6.1	-
T <sub>i</sub> =25°C	EER <sub>d</sub>	11.3	-
T <sub>i</sub> =20°C	EER <sub>d</sub>	16.3	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =7°C	P <sub>dh</sub>	3.6	kW
T <sub>j</sub> =2°C	P <sub>dh</sub>	2.2	kW
T <sub>j</sub> =7°C	P <sub>dh</sub>	1.4	kW
T <sub>j</sub> =12°C	P <sub>dh</sub>	1.6	kW
T <sub>j</sub> =bivalent temperature	P <sub>dh</sub>	4.0	kW
T <sub>j</sub> =operating limit	P <sub>dh</sub>	2.6	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =7°C	COP <sub>d</sub>	3.0	-
T <sub>j</sub> =2°C	COP <sub>d</sub>	4.6	-
T <sub>j</sub> =7°C	COP <sub>d</sub>	6.6	-
T <sub>j</sub> =12°C	COP <sub>d</sub>	8.2	-
T <sub>j</sub> =bivalent temperature	COP <sub>d</sub>	2.1	-
T <sub>j</sub> =operating limit	COP <sub>d</sub>	1.6	-

Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =2°C	P <sub>dh</sub>	2.2	kW
T <sub>j</sub> =7°C	P <sub>dh</sub>	1.4	kW
T <sub>j</sub> =12°C	P <sub>dh</sub>	1.6	kW
T <sub>j</sub> =bivalent temperature	P <sub>dh</sub>	2.2	kW
T <sub>j</sub> =operating limit	P <sub>dh</sub>	2.6	kW

Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =2°C	COP <sub>d</sub>	4.6	-
T <sub>j</sub> =7°C	COP <sub>d</sub>	6.6	-
T <sub>j</sub> =12°C	COP <sub>d</sub>	8.2	-
T <sub>j</sub> =bivalent temperature	COP <sub>d</sub>	4.6	-
T <sub>j</sub> =operating limit	COP <sub>d</sub>	1.6	-

Declared capacity for heating/Colder season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =7°C	P <sub>dh</sub>	x	kW
T <sub>j</sub> =2°C	P <sub>dh</sub>	x	kW
T <sub>j</sub> =7°C	P <sub>dh</sub>	x	kW
T <sub>j</sub> =12°C	P <sub>dh</sub>	x	kW
T <sub>j</sub> =bivalent temperature	P <sub>dh</sub>	x	kW
T <sub>j</sub> =operating limit	P <sub>dh</sub>	x	kW
T <sub>j</sub> =-15°C	P <sub>dh</sub>	x	kW

Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature T <sub>j</sub>			
T <sub>j</sub> =7°C	COP <sub>d</sub>	x	-
T <sub>j</sub> =2°C	COP <sub>d</sub>	x	-
T <sub>j</sub> =7°C	COP <sub>d</sub>	x	-
T <sub>j</sub> =12°C	COP <sub>d</sub>	x	-
T <sub>j</sub> =bivalent temperature	COP <sub>d</sub>	x	-
T <sub>j</sub> =operating limit	COP <sub>d</sub>	x	-
T <sub>j</sub> =-15°C	COP <sub>d</sub>	x	-

Bivalent temperature			
heating/Average	T <sub>biv</sub>	-10	°C
heating/Warmer	T <sub>biv</sub>	2	°C
heating/Colder	T <sub>biv</sub>	x	°C

Operating limit temperature			
heating/Average	T <sub>ol</sub>	-25	°C
heating/Warmer	T <sub>ol</sub>	-25	°C
heating/Colder	T <sub>ol</sub>	x	°C

Cycling interval capacity			
for cooling	P <sub>cycc</sub>	x	kW
for heating	P <sub>cyhc</sub>	x	kW
Degradation coefficient cooling	C <sub>dc</sub>	0.25	-

Cycling interval efficiency			
for cooling	EER <sub>cycc</sub>	x	-
for heating	COP <sub>cyhc</sub>	x	-
Degradation co-efficient	C <sub>dh</sub>	0.25	-

Electric power input in power modes other than 'active mode'			
off mode	P <sub>OFF</sub>	1	W
standby mode	P <sub>SB</sub>	1	W
thermostat - off mode	P <sub>TO</sub>	7	W
crankcase heater mode	P <sub>CK</sub>	0	W

Annual electricity consumption			
cooling	Q <sub>CE</sub>	138	kWh/a
heating/Average	Q <sub>HE</sub>	1173	kWh/a
heating/Warmer	Q <sub>HE</sub>	471	kWh/a
heating/Colder	Q <sub>HE</sub>	x	kWh/a

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

Other items			
Sound power level (indoor/outdoor)	L <sub>WA</sub>	58/61	dB(A)
Global warming potential	GWP	1975	kgCO <sub>2</sub> eq
Rated air flow (indoor/outdoor)	-	696/2016	m <sup>3</sup> /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@mitsubishieletrfc.co.jp
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(\*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012.

<b>TECHNICAL DOCUMENTATION (1)</b>			
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<b>ROOM AIR CONDITIONER</b>	INDOOR MODEL	MSZ-FH35VE	305(+17)H925W234D (mm)
	OUTDOOR MODEL	MUZ-FH35VEHZ	550H800W285D (mm)

<b>Function</b>		
cooling		Y
heating		Y

<b>The heating season</b>		
Average (mandatory)		Y
Warmer (if designated)		Y
Colder (if designated)		N

<b>Capacity control</b>		
fixed		N
stepped		N
variable		Y

Item	symbol	value	unit
<b>Seasonal efficiency (2)</b>			
cooling	SEER	8.9	-
heating/Average	SCOP/A	4.8	-
heating/Warmer	SCOP/W	6.5	-
heating/Colder	SCOP/C	x	-

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

<b>Other items</b>			
Sound power level (Indoor/outdoor)	LWA	58/61	dB(A)
Refrigerant	-	R410A	-
Global warming potential	GWP	1975	kgCO <sub>2</sub> eq.

identification and signature of the person empowered to bind the supplier	 _____ Tomoyuki Miwa Department Manager, Quality Assurance Department MITSUBISHI ELECTRIC CONSUMER PRODUCTS (THAILAND) CO.,LTD
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(1) This information is based on COMMISSION DELEGATED REGULATION (EU) No 626/2011.

(2) SEER/SCOP values are measured based on EN 14825:2011: Testing and rating at part load conditions and calculation of seasonal performance