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

SEER



A⁺⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

kW **3,5**

SEER **8,9**

kWh/annum **138**

SCOP



A⁺⁺⁺

A⁺⁺⁺

A⁺⁺

A⁺⁺

A⁺

A

B

C

D

kW **2,2** **4,0** X

SCOP **6,5** **4,8** X

kWh/annum **471** **1173** X



58dB



61dB



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626/2011

JG79B389H01

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 _{designc}	3.5	kW
heating/Average	P _{designh}	4.0	kW
heating/Warmer	P _{designh}	2.2	kW
heating/Colder	P _{designh}	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 _j			
T _j =35°C	P _{dc}	3.5	kW
T _j =30°C	P _{dc}	2.6	kW
T _j =25°C	P _{dc}	1.7	kW
T _j =20°C	P _{dc}	1.3	kW

Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature T _j			
T _j =35°C	EER _d	4.3	-
T _j =30°C	EER _d	6.1	-
T _j =25°C	EER _d	11.3	-
T _j =20°C	EER _d	16.3	-

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

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

Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature T _j			
T _j =2°C	P _{dh}	2.2	kW
T _j =7°C	P _{dh}	1.4	kW
T _j =12°C	P _{dh}	1.6	kW
T _j =bivalent temperature	P _{dh}	2.2	kW
T _j =operating limit	P _{dh}	2.6	kW

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

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 coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature T _j			
T _j =7°C	COP _d	x	-
T _j =2°C	COP _d	x	-
T _j =7°C	COP _d	x	-
T _j =12°C	COP _d	x	-
T _j =bivalent temperature	COP _d	x	-
T _j =operating limit	COP _d	x	-
T _j =-15°C	COP _d	x	-

Bivalent temperature			
heating/Average	T _{biv}	-10	°C
heating/Warmer	T _{biv}	2	°C
heating/Colder	T _{biv}	x	°C

Operating limit temperature			
heating/Average	T _{ol}	-25	°C
heating/Warmer	T _{ol}	-25	°C
heating/Colder	T _{ol}	x	°C

Cycling interval capacity			
for cooling	P _{cycc}	x	kW
for heating	P _{cyhc}	x	kW
Degradation coefficient cooling	C _{dc}	0.25	-

Cycling interval efficiency			
for cooling	EER _{cyc}	x	-
for heating	COP _{cyc}	x	-
Degradation co-efficient	C _{dh}	0.25	-

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}	7	W
crankcase heater mode	P _{CK}	0	W

Annual electricity consumption			
cooling	Q _{CE}	138	kWh/a
heating/Average	Q _{HE}	1173	kWh/a
heating/Warmer	Q _{HE}	471	kWh/a
heating/Colder	Q _{HE}	x	kWh/a

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

Other items			
Sound power level (indoor/outdoor)	L _{WA}	58/61	dB(A)
Global warming potential	GWP	1975	kgCO ₂ eq
Rated air flow (indoor/outdoor)	-	696/2016	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: melshiep@MitsubishiElectric.co.jp		
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(*) This information is based on the "product information requirement" in COMMISSION REGULATION (EU) No206/2012.

TECHNICAL DOCUMENTATION (1)			
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ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-FH35VE	305(+17)H925W234D (mm)
	OUTDOOR MODEL	MUZ-FH35VEHZ	550H800W285D (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	8.9	-
heating/Average	SCOP/A	4.8	-
heating/Warmer	SCOP/W	6.5	-
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)	LWA	58/61	dB(A)
Refrigerant	-	R410A	-
Global warming potential	GWP	1975	kgCO ₂ 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)No626/2011.

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