PRODUCT INFORMATION (*)

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-FH25VE
	OUTDOOR MODEL	MUZ-FH25VE

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	Pdesignc	2.5	kW
heating/Average	Pdesignh	3.0	kW
heating/Warmer	Pdesignh	1.7	kW
heating/Colder	Pdesignh	x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	9.1	-
heating/Average	SCOP/A	5.1	-
heating/Warmer	SCOP/W	6.3	-
heating/Colder	SCOP/C	x	-

Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C	Pdc	2.5	kW
Tj=30°C	Pdc	1.9	kW
Tj=25°C	Pdc	1.3	kW
Tj=20°C	Pdc	1.3	kW

Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature Tj			
Tj=35°C	EERd	5.2	-
Tj=30°C	EERd	7.6	-
Tj=25°C	EERd	10.4	-
Tj=20°C	EERd	15.3	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	2.7	kW
Tj=2°C	Pdh	1.7	kW
Tj=7°C	Pdh	1.4	kW
Tj=12°C	Pdh	1.6	kW
Tj=bivalent temperature	Pdh	3.0	kW
Tj=operating limit	Pdh	2.5	kW

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	3.6	-
Tj=2°C	COPd	5.1	-
Tj=7°C	COPd	6.6	-
Tj=12°C	COPd	8.2	-
Tj=bivalent temperature	COPd	3.1	-
Tj=operating limit	COPd	2.8	-

Declared capacity for heating/Warmer season, at indoor temperature 20°Cand outdoor temperature Tj			
Tj=2°C	Pdh	1.7	kW
Tj=7°C	Pdh	1.4	kW
Tj=12°C	Pdh	1.6	kW
Tj=bivalent temperature	Pdh	1.7	kW
Tj=operating limit	Pdh	2.5	kW

Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	COPd	5.1	-
Tj=7°C	COPd	6.6	-
Tj=12°C	COPd	8.2	-
Tj=bivalent temperature	COPd	5.1	-
Tj=operating limit	COPd	2.8	-

Declared capacity for heating/Colder season, at indoor temperature 20°Cand 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	-10	°C
heating/Warmer	Tbiv	2	°C
heating/Colder	Tbiv	x	°C

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

Cycling interval capacity			
for cooling	Pcycc	x	kW
for heating	Pcych	x	kW
Degradation co-efficient cooling	Cdc	0.25	-

Cycling interval efficiency			
for cooling	EERcyc	x	-
for heating	COPcyc	x	-
Degradion co-efficient	Cdh	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}	96	kWh/a
heating/Average	Q_{HE}	819	kWh/a
heating/Warmer	Q_{HE}	376	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}	58/60	dB(A)
Global warming potential	GWP	1975	$kgCO_2eq$
Rated air flow (indoor/outdoor)	-	696/1878	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: melshiero@nb.MitsubishiElectric.co.jp

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

TECHNICAL DOCUMENTATION (1)

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-FH25VE	305(+17)H925W234D (mm)
	OUTDOOR MODEL	MUZ-FH25VE	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	9.1	-
heating/Average	SCOP/A	5.1	-
heating/Warmer	SCOP/W	6.3	-
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	58/60	dB(A)
Refrigerant	-	R410A	-
Global warming potential	GWP	1975	$kgCO_2eq.$

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

(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