PRODUCT INFORMATION (*)

ROOM AIR CONDITIONER	INDOOR MODEL	MSZ-HJ50VA
	OUTDOOR MODEL	MUZ-HJ50VA

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	5.0	kW
heating/Average	Pdesignh	3.8	kW
heating/Warmer	Pdesignh	2.1	kW
heating/Colder	Pdesignh	x	kW

Item	symbol	value	unit
Seasonal efficiency			
cooling	SEER	6.0	-
heating/Average	SCOP/A	4.2	-
heating/Warmer	SCOP/W	5.5	-
heating/Colder	SCOP/C	x	-

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	2.4	kW
Tj=20°C	Pdc	2.2	kW

Declared energy efficiency ratio, at indoor temperature 27(19) °C and outdoor temperature Tj			
Tj=35°C	EERd	2.5	-
Tj=30°C	EERd	4.5	-
Tj=25°C	EERd	7.2	-
Tj=20°C	EERd	11.5	-

Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	Pdh	3.4	kW
Tj=2°C	Pdh	2.1	kW
Tj=7°C	Pdh	1.5	kW
Tj=12°C	Pdh	1.7	kW
Tj=bivalent temperature	Pdh	3.8	kW
Tj=operating limit	Pdh	3.8	kW

Declared coefficient of performance/Average season, at Indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C	COPd	2.8	-
Tj=2°C	COPd	4.1	-
Tj=7°C	COPd	5.6	-
Tj=12°C	COPd	7.0	-
Tj=bivalent temperature	COPd	2.0	-
Tj=operating limit	COPd	2.0	-

Declared capacity for heating/Warmer season, at indoor temperature 20°Cand outdoor temperature Tj			
Tj=2°C	Pdh	2.1	kW
Tj=7°C	Pdh	1.5	kW
Tj=12°C	Pdh	1.7	kW
Tj=bivalent temperature	Pdh	2.1	kW
Tj=operating limit	Pdh	3.8	kW

Declared coefficient of performance/Warmer season, at Indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C	COPd	4.1	-
Tj=7°C	COPd	5.6	-
Tj=12°C	COPd	7.0	-
Tj=bivalent temperature	COPd	4.1	-
Tj=operating limit	COPd	2.0	-

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	x	°C
heating/Colder	Tbiv	x	°C

Operating limit temperature			
heating/Average	Tol	-10	°C
heating/Warmer	Tol	x	°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}	12	W
crankcase heater mode	P_{CK}	0	W

Annual electricity consumption			
cooling	Q_{CE}	292	kWh/a
heating/Average	Q_{HE}	1267	kWh/a
heating/Warmer	Q_{HE}	539	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}	60/64	dB(A)
Global warming potential	GWP	1975	$kgCO_2eq$
Rated air flow (indoor/outdoor)	-	774/2178	m^3/h

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