

PRODUCT INFORMATION (*1)				
ROOM AIR CONDITIONER		INDOOR MODEL OUTDOOR MODEL		
		MSZ-AY35VGKP / MSZ-AY35VGK MUZ-AY35VG		
Function (indicate if present)				
cooling		Y		
heating		Y		
Item	symbol	value	unit	
Design load				
cooling	Pdesignc	3.5	kW	
heating/Average	Pdesignh	2.9	kW	
heating/Warmer	Pdesignh	1.6	kW	
heating/Colder	Pdesignh	x	kW	
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				
Tj=35°C	Pdc	3.5	kW	
Tj=30°C	Pdc	2.6	kW	
Tj=25°C	Pdc	1.7	kW	
Tj=20°C	Pdc	1.0	kW	
Declared capacity for heating/Average season, at indoor temperature 20°C and outdoor temperature Tj				
Tj=-7°C	Pdh	2.6	kW	
Tj=2°C	Pdh	1.6	kW	
Tj=7°C	Pdh	1.1	kW	
Tj=12°C	Pdh	0.7	kW	
Tj=bivalent temperature	Pdh	2.9	kW	
Tj=operating limit	Pdh	2.0	kW	
Declared capacity for heating/Warmer season, at indoor temperature 20°C and outdoor temperature Tj				
Tj=2°C	Pdh	1.6	kW	
Tj=7°C	Pdh	1.1	kW	
Tj=12°C	Pdh	0.7	kW	
Tj=bivalent temperature	Pdh	1.6	kW	
Tj=operating limit	Pdh	2.0	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	-10	°C	
heating/Warmer	Tbiv	2	°C	
heating/Colder	Tbiv	x	°C	
Cycling interval capacity				
for cooling	Pcycc	x	kW	
for heating	Pcyhc	x	kW	
Degradation co-efficient cooling	Cdc	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}	8	W	
crankcase heater mode	P _{CK}	0	W	
Capacity control (indicate one of three options)				
fixed		N		
staged		N		
variable		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'.				
Average (mandatory)		Y		
Warmer (if designated)		Y		
Colder (if designated)		N		
Item	symbol	value	unit	
Seasonal efficiency				
cooling	SEER	8.7	-	
heating/Average	SCOP/A	4.7	-	
heating/Warmer	SCOP/W	5.9	-	
heating/Colder	SCOP/C	x	-	
Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj				
Tj=35°C	EERd	3.6	-	
Tj=30°C	EERd	5.9	-	
Tj=25°C	EERd	10.6	-	
Tj=20°C	EERd	19.7	-	
Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj				
Tj=-7°C	COPd	3.1	-	
Tj=2°C	COPd	4.6	-	
Tj=7°C	COPd	6.1	-	
Tj=12°C	COPd	7.0	-	
Tj=bivalent temperature	COPd	2.7	-	
Tj=operating limit	COPd	2.1	-	
Declared coefficient of performance/Warmer season, at indoor temperature 20°C and outdoor temperature Tj				
Tj=2°C	COPd	4.6	-	
Tj=7°C	COPd	6.1	-	
Tj=12°C	COPd	7.0	-	
Tj=bivalent temperature	COPd	4.6	-	
Tj=operating limit	COPd	2.1	-	
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	Toi	-20	°C	
heating/Warmer	Toi	-20	°C	
heating/Colder	Toi	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}	141	kWh/a	
heating/Average	Q _{HE}	863	kWh/a	
heating/Warmer	Q _{HE}	376	kWh/a	
heating/Colder	Q _{HE}	x	kWh/a	
Other items				
Sound power level (indoor/outdoor)	L _{WA}	57/61	dB(A)	
Global warming potential	GWP (*2)	675	kgCO ₂ eq.	
Rated air flow (indoor/outdoor)	-	666/1932	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: melshierp@MitsubishiElectric.co.jp			

(*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. 626/2011, which cites the IPCC Third Assessment Report, Climate Change 2001, the GWP is 550.

TECHNICAL DOCUMENTATION ⁽¹⁾			
ROOM AIR CONDITIONER	INDOOR MODEL OUTDOOR MODEL	MSZ-AY35VGKP / MSZ-AY35VGK MUZ-AY35VG	299H*798W*245D (mm) 550H*800W*285D (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	8.7	-
heating/Average	SCOP/A	4.7	-
heating/Warmer	SCOP/W	5.9	-
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)	L _{WA}	57/61	dB (A)
Refrigerant	-	R32	-
Global warming potential	GWP ⁽³⁾	675	kgCO ₂ eq.
Identification and signature of the person empowered to bind the supplier	 Kenichi Saito Department Manager, Quality Assurance Department Mitsubishi Electric Air Conditioning Systems Manufacturing Turkey Joint Stock Company		

(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. 626/2011, which cites the IPCC Third Assessment Report, Climate Change 2001, the GWP is 550.