PRODUCT INFORMATION (\*1) INDOOR MODEL MSZ-AY42VGKP / MSZ-AY42VGK ROOM AIR CONDITIONER OUTDOOR MODEL MUZ-AY42VG 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'. Function (indicate if present) Average (mandatory) cooling Warmer (if designated) heating Colder (if designated) Item symbol value unit Item symbol value unit Design load Seasonal efficiency Pdes i gnc cooling 4 2 kW cooling 7 9 heating/Average Pdesignh 3 8 kW heating/Average SCOP/A 4.7 Pdesignh heating/Warmer 2.1 kW heating/Warmer 5. 9 heating/Colder Pdesignh kW heating/Colder SCOP/C Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj Tj=35°C Tj=35°C Tj=30°C k₩ Tj=30°C Tj=25°C Pdc 3.1 kW **EFRd** 5.3 9.2 Pdc 2.0 kW Tj=25°C FFRd Tj=20°C Pdc kW Tj=20°C EERd 18.9 Declared capacity for heating/Average season, at indoor Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj temperature 20°C and outdoor temperature T Tj=-7℃ kW 3.4 Ti=-7°C Tj=2°C Pdh Tj=2°C kW COPd 4.6 Tj=7°C Pdh 1.4 kW Tj=7°C COPd 6.1 Tj=12°C Pdh 0.8 kW Tj=12°C COPd 6. 7 2. 8 Ti=bivalent temperature Pdh 3.8 kW Tj=bivalent temperature COPd Tj=operating limit Pdh Tj=operating limit kW COPd 2.2 Declared capacity for heating/Warmer season, at indoor Declared coefficient of performance/Warmer season, at indoor temperature 20°Cand outdoor temperature Tj temperature 20°C and outdoor temperature Tj Tj=2°C Pdh kW Tj=2°C COPd Tj=7℃ Pdh 1.4 kW Tj=7℃ COPd 6. 1 Tj=12°C Pdh 0.8 Tj=12°C kW COPd Tj=bivalent temperature Pdh 2. 1 kW Tj=bivalent temperature COPd 4.6 Tj=operating limit Pdh kW Tj=operating limit COPd Declared capacity for heating/Colder season, at indoor temperature 20°Cand outdoor temperature Tj Declared coefficient of performance/Colder season, at indoor temperature 20°C and outdoor temperature T Tj=-7°C Pdh Tj=−7°C Tj=2°C Pdh X kW Tj=2°C COPd X Tj=7°C Pdh kW X Tj=7°C COPd X Tj=12°C Pdh Tj=12°C х kW COPd X Tj=bivalent temperature Pdh Х kW Tj=bivalent temperature COPd x Tj=operating limit Pdh kW X Tj=operating limit COPd Tj=-15℃ Pdh X kW Tj=-15°C COPd X Bivalent temperature Operating limit temperature heating/Average Thiv heating/Average Tol heating/Warmer °C Tbiv heating/Warmer Tol -20 heating/Colder Tbiv °C heating/Colder Tol Cycling interval capacity Cycling interval efficiency Pcycc for cooling for cooling EERcyc for heating Pcych kW COPcyc for heating Degradation co-efficient cooling Cdc 0.25 Degradion co-efficient heating Cdh 0 25

Electric power input in power modes other than 'active mod			mode'
off mode	Poff	1	W
standby mode	P <sub>SB</sub>	1 1	W
thermostat - off mode	P <sub>TO</sub>	8	W
crankcase heater mode	P <sub>CK</sub>	0	W

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

Annual electricity consumption			
cooling	Q <sub>CE</sub>	186	kWh/a
heating/Average	Q <sub>HE</sub>	1131	kWh/a
heating/Warmer	Q <sub>HE</sub>	495	kWh/a
heating/Colder	Q <sub>HE</sub>	X	kWh/a

Other items			
Sound power level (indoor/outdoor)	L <sub>WA</sub>	57/61	dB (A)
Global warming potential	GWP (*2)	675	kgCO₂eq.
Rated air flow (indoor/outdoor)	-	630/1920	m³/h

Contact details for obtaining more information

MITSUBISHI ELECTRIC CORPORATION SHIZUOKA WORKS

Z-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	(')	
ROOM AIR CONDITIONER	INDOOR MODEL OUTDOOR MODEL	MSZ-AY42VGKP / MSZ- MUZ-AY42VG	-AY42VGK	299H*798W*245D (mm 550H*800W*285D (mm
Function				
	cooling		V	
	heating		Ÿ	
The heating season				
	e (mandatory)		V	
	(if designated)		Y	
	if designated)		Ň	
Capacity control				
oupdointy doller of	fixed		N	
	staged		N	
V	ariable		Ÿ	
Item		symbol	value	unit
Seasonal efficiency (2)			14140	dire
cooling		SEER	7. 9	-
neating/Average		SCOP/A	4. 7	-
heating/Warmer		SCOP/W	5, 9	-
heating/Colder		SCOP/C	X	
Energy efficiency class				
cooling		ISEER	A++	T -
neating/Average		SCOP/A	A++	
neating/Warmer		SCOP/W	A+++	
neating/Colder		SCOP/C	X	-
Other items				
ound power level (indoo	r/outdoor)	LWA	57/61	dB (A)
lefrigerant		-	R32	UD (A)
Blobal warming potential		GWP (3)	675	kgCO <sub>2</sub> eq.
identification and signature of the person ampowered to bind the supplier	Kenichi Saito Department Manager, Quality Assurance Del Mitsubishi Electric	partment	anufacturing Turkey Joint S	

(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.