

Τεχνικές πληροφορίες



MSZ-AY 25-35-42-50



Technical specifications DC INVERTER / HEAT PUMP

MODEL		SET	MSZ-AY25VGKP	MSZ-AY35VGKP	MSZ-AY42VGKP	MSZ-AY50VGKP	
		Indoor unit	MSZ-AY25VGKP	MSZ-AY35VGKP	MSZ-AY42VGKP	MSZ-AY50VGKP	
		Outdoor unit	MUZ-AY25VG	MUZ-AY35VG	MUZ-AY42VG	MUZ-AY50VG	
Power supply	Voltage/Freq./Phases	V/Hz/no.	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	230 / 50 / 1	
Power supply side		Outdoor unit					
Ecodesign performance EN14825	Cooling	PdesignC	kW	2,5	3,5	4,2	5,0
		SEER		8,7	8,7	7,9	7,5
		Energy efficiency class		A+++	A+++	A++	A++
		Annual electricity consumption	kWh/a	100	141	186	232
	Average season heating	Pdesignh	kW	2,4	2,9	3,8	4,2
		SCOP		4,8	4,7	4,7	4,7
		Energy efficiency class		A++	A++	A++	A++
	Hot season heating	Annual electricity consumption	kWh/a	697	863	1131	1248
		SCOP		5,7	5,9	5,9	6,1
		Energy efficiency class		A+++	A+++	A+++	A+++
EN14511 performance	Cooling	Rated capacity (min/max)	kW	2,5 (0,9 - 3,4)	3,5 (1,1 - 3,8)	4,2 (0,9 - 4,5)	5,0 (1,4 - 5,4)
		Rated absorbed power	kW	0,6	0,99	1,3	1,54
		EER		4,17	3,54	3,23	3,24
	Heating	Rated capacity (min/max)	kW	3,2 (1,0 - 4,1)	4,0 (1,3 - 4,6)	5,2 (1,3 - 6,0)	5,5 (1,4 - 7,3)
		Rated absorbed power	kW	0,78	1,03	1,39	1,47
		COP		4,1	3,88	3,74	3,74
Indoor unit	Sizes	H x W x D	mm	299 x 798 x 245	299 x 798 x 245	299 x 798 x 245	299 x 798 x 245
	Weight		kg	11	11	11	11
	Air flow	Cooling	m³/min	3,6-5,0-6,3-7,8-10,5	3,6-5,0-6,3-7,8-11,1	4,5-5,7-7,0-8,4-10,5	5,2-6,4-7,5-9,1-11,7
		Heating	m³/min	4,0-5,0-6,6-8,0-11,8	4,0-5,0-6,6-8,0-11,8	4,4-5,4-7,0-8,6-12,9	4,8-5,7-7,3-9,1-12,9
	Sound pressure (SLo-Lo-Mid-Hi-SHi)	Cooling	dB(A)	18-24-30-36-42	18-24-30-36-42	21-29-34-38-42	28-33-36-40-44
		Heating	dB(A)	18-24-34-39-45	18-24-31-38-45	21-29-35-40-45	28-33-38-43-48
Sound power	Rated	dB(A)	57	57	57	58	
Outdoor unit	Sizes	H x W x D	mm	550 x 800 x 285	550 x 800 x 285	550 x 800 x 285	714 x 800 x 285
	Weight		kg	27	28,5	34	40,5
	Sound pressure		dB(A)	47 / 48	49 / 50	50 / 51	52 / 52
	Sound power	Rated	dB(A)	59	61	61	64
Max. absorbed current		A	7,3	7,3	9,6	13,5	
Refrigerated lines	Diameters	Liquid/Gas	mm	6,35 / 9,52	6,35 / 9,52	6,35 / 9,52	6,35 / 9,52
	Max. length		m	20	20	20	20
	Max. height difference		m	12	12	12	12
Guaranteed function range	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	
	Heating	°C	-20 ~ +24	-20 ~ +24	-20 ~ +24	-20 ~ +24	
Refrigerant	Type / Precharge	kg	R32 / 0,55	R32 / 0,55	R32 / 0,70	R32 / 1,00	
	GWP / Tons. Co ₂ Eq.		675 / 0,37	675 / 0,37	675 / 0,47	675 / 0,68	