

Model Name	Indoor Unit			MSZ-AS90VGD		
	Outdoor Unit			MUZ-AS90VGD		
Power Supply	Outdoor			Source	Outdoor power supply	
				V	230	
				Phase	Single	
	Indoor			Hz	50/60	
				V	230	
				Phase	Single	
			Hz	50/60		
			R32			
			9.0			
Cooling	Capacity	Rated	kW	10.3		
		Max.	kW	2.0		
		Min.	kW	0.77		
	SHF	Rated	2.78			
	Total Input	Rated	kW	3.24		
	EER				3.23	
	AEER	New Star rating	Hot and Humid	3.5		
			Mixed	3.0		
			Cold	3.5		
	AEER (Part-load %)			-		
	Heating	Capacity	Rated	kW	10.3	
			Max.	kW	11.5	
			Min.	kW	2.2	
		Total Input	Rated	kW	2.94	
		COP				3.50
ACOP					3.50	
		New Star rating	Hot and Humid	3.0		
			Mixed	2.5		
			Cold	2.0		
ACOP (Part-load %)			-			
Operating Current (Max.)				A	17.9	
Indoor Unit		Input	Cooling	Rated	W	88
	Heating		Rated	W	71	
	Operating Current (Max.)			A	0.70	
	Dimensions	Unit	Height	mm	365	
			Width	mm	1,170	
			Depth	mm	295	
	Weight	Unit	kg	20.0		
	Air Volume Cooling (Quiet-Low-Med.-High-Super High)			m³/h	606-870-1,110-1,368-1668	
	Air Volume Heating (Quiet-Low-Med.-High-Super High)			m³/h	732-942-1,152-1,398-1,548	
	Sound Level (SPL) Cooling (Quiet-Low-Med.-High-Super High)			dB(A)	30-37-42-48-54	
	Sound Level (SPL) Heating (Quiet-Low-Med.-High-Super High)			dB(A)	32-38-43-47-53	
	Outdoor Unit	Dimensions	Height	mm	880	
			Width	mm	840	
			Depth	mm	330	
		Weight				kg
Air Volume		Cooling	Rated (Low-Med.-High)	m³/h	1,500-3,822-3,912	
		Heating	Rated (Low-Med.-High)	m³/h	2,784-3,822-3822	
Sound Level (SPL)		Cooling	Rated	dB(A)	56	
		Heating	Rated	dB(A)	56	
Sound Level (PWL)		Cooling	Rated	dB(A)	69	
		Heating	Rated	dB(A)	-	
Operating Current (Max.)			A	17.2		
Breaker Size			A	20		
Ext.Piping	Diameter	Liquid	mm	6.35		
		Gas	mm	12.70		
	Max.Length	Out-In	m	30		
	Max.Height	Out-In	Below Indoor	m	15	
			Above Indoor	m	15	
Guaranteed Operating Range	Outdoor	Cooling ^(*)	Upper Limit.	°C	+46	
			Lower Limit.	°C	-10	
		Heating	Upper Limit.	°C	+24	
			Lower Limit.	°C	-15	

(*)1) Optional air protection guide is required where ambient temperature is lower than -5°C.