

Model Name	Indoor Unit			MSZ-AS90VGD2		
	Outdoor Unit			MUZ-AS90VGD2		
Power Supply	Outdoor			Source	Outdoor power supply	
				V	230	
	Indoor			Phase	Single	
				Hz	50/60	
				V	230	
				Phase	Single	
			Hz	50/60		
Refrigerant				R32		
Cooling	Capacity	Rated	kW	9.0		
		Max.	kW	10.3		
		Min.	kW	2.0		
	SHF	Rated		0.77		
	Total Input	Rated	kW	2.63		
	EER				3.42	
	AEER				3.42	
		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	2.70		
	COP				3.81	
	ACOP				3.81	
		New Star rating	Hot and Humid		3.5	
			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)			m <sup>3</sup> /h	606-870-1,110-1,368-1668	
	Air Volume Heating (Quiet-Low-Med.-High-Super High)			m <sup>3</sup> /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	53		
Air Volume		Cooling	Rated (Low-Med.-High)	m <sup>3</sup> /h	1,500-3,822-3,912	
		Heating	Rated (Low-Med.-High)	m <sup>3</sup> /h	2,784-3,462-3,462	
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	m	15		
Guaranteed Operating Range	Outdoor	Cooling	Upper Limit.	°C	+46	
			Lower Limit.	°C	-10	
		Heating	Upper Limit.	°C	+24	
			Lower Limit.	°C	-15	

WALL-MOUNTED SPECIFICATIONS