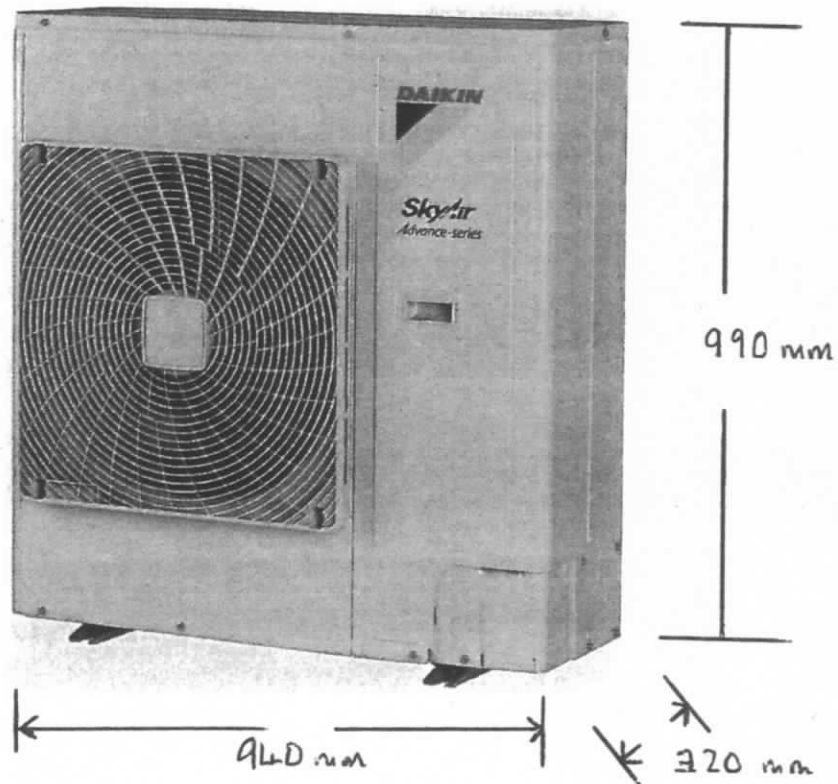


Refrigerant piping



Inverter



Auto cooling-  
heating  
changeover

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Capacity and Power input				FVA71A/RZASG71MV1	FVA100A/RZASG100MV1	FVA125A/RZASG125MV1	FVA140A/RZASG140MV1
efficiency to	Cooling	Energy efficiency class		A+			
		Pdesign	kW	6.80	9.50	12.1	13.4
		SEER		5.83	5.72	5.30	5.63
		Annual energy consumption	kWh	408	581	1,370	1,428
	Heating (Average climate)	Energy efficiency class		A+	A	-	
		Pdesign	kW	4.50	6.00		7.80
		SCOP/A		4.04	3.83	3.64	3.81
		Annual energy consumption	kWh	1,559	2,193	2,308	2,866

2

l cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m.

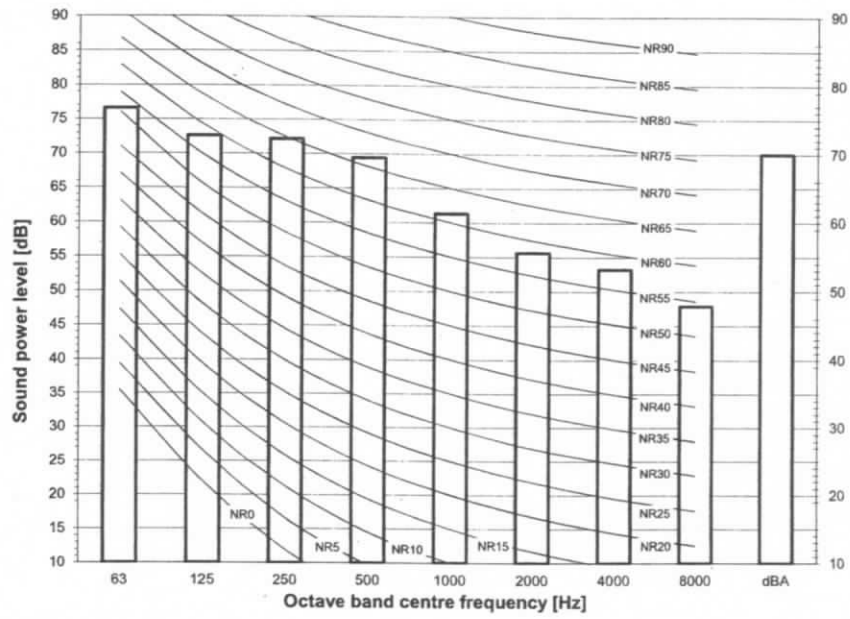
l heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m.

Mechanical Specifications				RZASG71MV1	RZASG100MV1	RZASG125MV1	RZASG140MV1	
Control	Method			Inverter controlled				
	Colour			Ivory white				
	Material			Painted galvanized steel plate				
Dimensions	Unit	Height	mm	770	990			
		Width	mm	900	940			
		Depth	mm	320				
	Packed unit	Height	mm	900	1,170			
		Width	mm	980	1,015			
		Depth	mm	420	422			
Unit			kg	60	70		78	
Packed unit			kg	64	78	79	87	
Weight			kg	4	9			
Fanger	Fin	Type		- WF fin				
		Treatment		Anti-corrosion treatment (PE)				
Compressor	Quantity			1				
	Type			Hermetically sealed swing compressor				
	Starting method			Inverter driven				
	Type			Propeller				
	Discharge direction			Horizontal				
	Quantity			1				
	Air flow rate	Cooling	Nom.	m³/min	56	69	71	76
		Heating	Nom.	m³/min	50	82		
	Quantity				1			
	Model			Brushless DC motor				
Output			W	94	200			
Drive			Direct drive					
Speed	Cooling	Super low	rpm	-				
		Heating	Super low	rpm	-			
Sound level	Cooling		dBA	65	70	71	73	
	Heating		dBA	-				
Pressure level	Night quiet mode	Level 2	dBA	42	44			
	Cooling	Nom.	dBA	46	53	54		
	Heating	Nom.	dBA	47	57			
Temperature range	Cooling	Ambient	Min.	°CDB -15				
			Max.	°CDB 46				
	Heating	Ambient	Min.	°CWB -15				
			Max.	°CWB 15.5				

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**11 Sound data**  
**11 - 1 Sound Power Spectrum**

AZAS100MV1  
 AZAS100MY1  
 RZASG100MV1  
 RZASG100MY1



- Notes**
- dBA = A-weighted sound power level (A scale according to IEC).
  - Reference acoustic intensity 0dB = 10E-6μW/m²
  - Measured according to ISO 3744

3D110038

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