



Sky Air Active-series  
Air Conditioning  
Technical Data  
AZAS-MV1





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# AZAS-MV1

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# 1 Features

## 1 - 1 AZAS-MV1

Ideal solution for busy environments and small shops

**1**

- › High efficiency: - Energy labels up to A+ (cooling) / A (heating) - compressor offers substantial efficiency improvements
- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A, leads directly to lower energy consumption thanks to its high energy efficiency and has a lower refrigerant charge
- › Very compact and easy to install
- › Replace existing systems with R-32 technology without needing to replace the piping
- › Guarantees operation in heating mode down to -15°C and in cooling mode down to -5°C
- › Refrigerant cooled PCB guarantees reliable cooling, as it is not influenced by ambient temperature.
- › Piping length up to 30m
- › Exclusively offered for pair applications



Inverter



Swing compressor



Seasonal efficiency - Smart use of energy



Replacement technology



Auto cooling-heating changeover



Night quiet mode

## 2 Specifications

### 2 - 1 Specifications

Technical Specifications					AZAS71MV1	AZAS100MV1	AZAS125MV1	AZAS140MV1			
Casing	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				
Weight	Unit	kg	60				70	78			
	Packed unit	kg	64	78	79	87					
Packing	Weight	kg	4				9				
Heat exchanger	Fin	WF fin									
	Type Treatment	Anti-corrosion treatment (PE)									
Fan	Type	Propeller									
	Discharge direction	Horizontal									
	Quantity	1									
	Air flow rate	Cooling	Nom.	m <sup>3</sup> /min	56	69	71	76			
Heating			Nom.	m <sup>3</sup> /min	50	82					
		Partial	m <sup>3</sup> /min		-	55 (1)					
Fan motor	Quantity	1									
	Model	Brushless DC motor									
	Output	W	94				200				
	Drive	Direct drive									
Compressor	Quantity	1									
	Type	Hermetically sealed swing compressor									
Operation range	Cooling	Ambient	Min.	°CDB				-5			
			Max.	°CDB				46			
	Heating	Ambient	Min.	°CWB				-15			
			Max.	°CWB				15.5			
Sound power level	Cooling		dB(A)	65	70	71	73				
	Heating		dB(A)	-	71 (1)		73 (1)				
Sound pressure level	Cooling	Nom.	dB(A)	46	53			54			
	Heating	Nom.	dB(A)	47	57						
Refrigerant	Type	R-32									
	Charge	kg	2.45	2.60			2.90				
	Control	Expansion valve (electronic type)									
Refrigerant	GWP	675									
	Circuits	Quantity	1								
Refrigerant oil	Type	FW68DA									
	Charged volume	l	0.90			1.35					
Piping connections	Liquid	Quantity	1								
		Type	Flare connection								
		OD	mm	9.52							
	Gas	Quantity	1								
		Type	Flare connection								
		OD	mm	15.9							
	Drain	Quantity	3				5				
		Type	Hole								
		OD	mm	26							
	Piping length	OU - IU	Min.	m	5						
			Max.	m	30						
		System	Equivalent	m	50						
			Chargeless	m	30						
	Additional refrigerant charge	kg/m	See installation manual								
	Level difference	IU - OU	Max.	m	30.0						
	IU - IU		m	0.5							
Heat insulation	Both liquid and gas pipes										
Defrost method	Reversed cycle										
Defrost control	Sensor for outdoor heat exchanger temperature										
Capacity control	Method	Inverter controlled									
PED	Category	Category II									
Safety devices	Item	01	High pressure switch								
		02	Low pressure switch								
	03	Fan driver overload protector									
	04	Fuse									
	05	Compressor motor thermal protector									

Standard accessories: Tie-wraps;Quantity: 2;

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Refrigerant label for F-gas regulation;Quantity: 1;

Standard accessories: General safety precautions;Quantity: 1;

Standard accessories: LOT10 Energy Label;Quantity: 1;

## 2 Specifications

### 2 - 1 Specifications

Standard accessories: Peel off F-gas label;Quantity: 1;

2

Electrical Specifications			AZAS71MV1	AZAS100MV1	AZAS125MV1	AZAS140MV1
Power supply	Name		V1			
	Phase		1~			
	Frequency	Hz	50			
	Voltage	V	220-240			
	Voltage range	V	198 264			
Current	Zmax	List	Complies to EN61000-3-11			
	Minimum Ssc value	kVa	Equipment complying with EN / IEC 61000-3-12/ See note 2 / See note 3			
Wiring connections	For power supply	Remark	See installation manual outdoor unit			
	For connection with indoor	Remark	See installation manual outdoor unit			
Power supply intake			See installation manual outdoor unit			
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25		32

(1)According to ENER Lot 21 |

European/international technical standard setting the limits for harmonic currents produced by equipment connected to public low-voltage system with input current larger than 16A and ≤ 75A per phase. | Ssc: Short-circuit power |

European/international technical standard setting the limits for harmonic currents produced by equipment connected to public low-voltage system with input current ≤ 16A per phase.

Technical specifications			FCAG71B + AZAS71MV1	FCAG100B + AZAS100MV1	FCAG125B + AZAS125MV1	FCAG140B + AZAS140MV1		
Cooling capacity	Nom.	kW	6.80 (1)	9.50 (1)	12.1 (1)	13.4 (1)		
Heating capacity	Nom.	kW	7.50 (2)	10.8 (2)	13.5 (2)	15.5 (2)		
Space cooling	Energy efficiency class		A+		-			
	Capacity Pdesign	kW	6.80	9.50	12.1	13.0		
	SEER		5.87	5.67	5.40	6.00		
	ηs,c	%	-		213	237		
	Annual energy consumption	kWh/a	405	586	1,345	1,300		
Space heating (Average climate)	Energy efficiency class		A		-			
	Capacity Pdesign	kW	4.50	6.00		7.80		
	SCOP/A		4.00	3.85	3.80	4.31		
	SCOPnet/A		4.00	3.85	3.80	4.31		
	ηs,h	%	-		149	169		
	Annual energy consumption	kWh/a	1,575	2,182	2,211	2,534		
	Required back up heating cap at design conditions	kW	0.00					
Space cooling	A Condi- tion (35°C - 27/19)	Pdc EERd Power input	kW	6.80 3.14 2.17	9.50 3.26 2.92	12.10 2.29 5.28	13.00 2.63 4.95	
	B Condi- tion (30°C - 27/19)	Pdc EERd Power input	kW	5.10 4.35 1.17	7.00 4.61 1.52	8.92 4.03 2.21	9.58 4.50 2.13	
	C Condi- tion (25°C - 27/19)	Pdc EERd Power input	kW	3.40 7.47 0.46	4.50 6.54 0.69	5.74 6.31 0.91	6.16 7.01 0.88	
	D Condi- tion (20°C - 27/19)	Pdc EERd Power input	kW	2.89 11.12 0.26	3.11 9.38 0.33	3.18 9.82 0.32	3.74 10.84 0.35	
	Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C	-10			
		TBivalent	Pdh (declared heating cap)	kW	4.50	6.00		7.80
			COPd (declared COP)		2.31	2.33	2.43	2.26
			Power input	kW	1.94	2.58	2.47	3.44
		A Con- dition (-7°C)	Tbiv (bivalent temperature)	°C	-10			
			Pdh (declared heating cap)	kW	4.50	6.00		7.80
			COPd (declared COP)		2.31	2.33	2.43	2.26
			Power input	kW	1.94	2.58	2.47	3.44
Pdh (declared heating cap)			kW	3.98	5.31	5.30	6.90	
COPd (declared COP)				2.31	2.54	2.61	2.60	
Space heating (Average climate)		A Con- dition (-7°C)	Power input	kW	1.72	2.09	2.03	2.65
		B Condi- tion (2°C)	Pdh (declared heating cap)	kW	2.42	3.23		4.20
	COPd (declared COP)			4.10	3.67	3.64	4.32	
	Power input		kW	0.59	0.88	0.89	0.97	
	C Condi- tion (7°C)	Pdh (declared heating cap)	kW	1.92	2.10	2.13	3.40	
		COPd (declared COP)		5.32	5.16	4.88	5.92	
		Power input	kW	0.36	0.41	0.44	0.57	
	D Con- dition (12°C)	Pdh (declared heating cap)	kW	2.29	2.50	2.55	3.99	
		COPd (declared COP)		6.74	6.42	6.24	7.26	
		Power input	kW	0.34	0.39	0.41	0.55	

## 2 Specifications

### 2 - 1 Specifications

Technical specifications					FCAG71B + AZAS71MV1	FCAG100B + AZAS100MV1	FCAG125B + AZAS125MV1	FCAG140B + AZAS140MV1
Power consumption in other than active mode	Crank-case heater mode	Cooling	PCK	kW			0.000	
		Heating	PCK	kW			0.000	
	Off mode	Cooling	POFF	kW			0.012	
		Heating	POFF	kW			0.012	
	Standby mode	Cooling	PSB	kW			0.012	
		Heating	PSB	kW			0.012	
	Thermo-stat-off mode	Cooling	PTO	kW			0.000	
		Heating	PTO	kW			0.012	
Indication if the heater is equipped with a supplementary heater (pair application)					-			No
Supplementary heater (pair application)	Back-up capacity	Heating	elbu	kW	-			0.0
Cooling	Cdc (Degradation cooling)						0.25	
Heating	Cdh (Degradation heating)						0.25	
Cooling function included								Yes
Heating function included								Yes
Average climate included								Yes
Cold season included								No
Warm season included								No
Ecolabel logo								No

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

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

See separate drawing for operation range |

See separate drawing for electrical data

Technical specifications					FBA71A9 + AZAS71MV1	FBA100A + AZAS100MV1	FBA125A + AZAS125MV1	FBA140A + AZAS140MV1	
Cooling capacity	Nom.			kW	6.80 (1)	9.50 (1)	12.1 (1)	13.4 (1)	
Heating capacity	Nom.			kW	7.50 (2)	10.8 (2)	13.5 (2)	15.5 (2)	
Space cooling	Energy efficiency class				A		-		
	Capacity	Pdesign		kW	6.80	9.50	12.1	13.0	
	SEER				5.57	5.25	4.85	5.50	
	ηs,c			%	-	-	191	217	
	Annual energy consumption			kWh/a	427	633	1,497	1,418	
Space heating (Average climate)	Energy efficiency class				A		-		
	Capacity	Pdesign		kW	4.50	6.00		7.80	
	SCOP/A				3.81		3.55	3.85	
	SCOPnet/A				3.81		3.55	3.85	
	ηs,h			%	-	-	139	151	
	Annual energy consumption			kWh/a	1,654	2,205	2,366	2,836	
Required back up heating cap at design conditions				kW	0.00				
Space cooling	A Condi- tion (35°C -27/19)	Pdc		kW	6.80	9.50	12.10	13.00	
		EERd			3.60	3.20	2.30	2.72	
	B Condi- tion (30°C -27/19)	Pdc		kW	5.02	7.00	8.92	9.58	
		EERd			4.66	4.53	3.82	4.41	
	C Condi- tion (25°C -27/19)	Pdc		kW	1.08	1.54	2.33	2.17	
		EERd			3.23	4.50	5.74	6.16	
	D Condi- tion (20°C -27/19)	Pdc		kW	6.89	6.19	5.60	6.49	
		EERd			0.47	0.73	1.02	0.95	
	E Condi- tion (15°C -27/19)	Pdc		kW	2.92	3.10	3.17	3.97	
		EERd			8.68	7.58	7.68	8.24	
	Power input				kW	0.34	0.41		0.48
	Space heating (Average climate)	TOL	Tol (temperature operating limit)			°C			
			-10						
Pdh (declared heating cap)				kW	4.50	6.00		7.80	
TBivalent		COPd (declared COP)				2.42	2.45	2.06	
		Power input			kW	1.99	2.47	2.45	3.78
		Tbiv (bivalent temperature)			°C				
			-10						
A Condi- tion (-7°C)		Pdh (declared heating cap)		kW	4.50	6.00		7.80	
		COPd (declared COP)				2.42	2.45	2.06	
		Power input			kW	1.99	2.47	2.45	3.78
A Condi- tion (-7°C)		Pdh (declared heating cap)		kW	3.98	5.31	5.30	6.90	
		COPd (declared COP)				2.53	2.66	2.46	

## 2 Specifications

### 2 - 1 Specifications

2

Technical specifications				FBA71A9 + AZAS71MV1	FBA100A + AZAS100MV1	FBA125A + AZAS125MV1	FBA140A + AZAS140MV1	
Space heating (Average climate)	A Con- dition (-7°C)	Power input	kW	1.57	1.99		2.81	
	B Condi- tion (2°C)	Pdh (declared heating cap)	kW	2.42	3.23		4.20	
		COPd (declared COP)		3.91	3.73	3.45	3.94	
		Power input	kW	0.62	0.87	0.94	1.07	
	C Condi- tion (7°C)	Pdh (declared heating cap)	kW	2.06	2.26	2.27	3.50	
		COPd (declared COP)		4.79	4.78	4.28	4.98	
		Power input	kW	0.43	0.47	0.53	0.70	
	D Condi- tion (12°C)	Pdh (declared heating cap)	kW	2.43	2.57	2.66	4.10	
		COPd (declared COP)		5.88	5.64	5.24	6.10	
		Power input	kW	0.41	0.46	0.51	0.67	
Power consump- tion in other than active mode	Crank- case heater mode	Cooling PCK	kW	0.000				
		Heating PCK	kW	0.000				
	Off mode	Cooling POFF	kW	0.014				
		Heating POFF	kW	0.014				
	Standby mode	Cooling PSB	kW	0.014				
		Heating PSB	kW	0.014				
	Thermo- stat-off mode	Cooling PTO	kW	0.000				
		Heating PTO	kW	0.014				
	Indication if the heater is equipped with a supplementary heater (pair application)				-			No
	Supplementary heater (pair appli- cation)	Back-up capacity	Heating elbu	kW	-			0.0
Cooling	Cdc (Degradation cooling)				0.25			
Heating	Cdh (Degradation heating)				0.25			
Cooling function included					Yes			
Heating function included					Yes			
Average climate included					Yes			
Cold season included					No			
Warm season included					No			
Ecolabel logo					No			

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

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

See separate drawing for operation range |

See separate drawing for electrical data

Technical specifications				FAA71B + AZAS71MV1	FAA100B + AZAS100MV1
Cooling capacity	Nom.		kW	6.80 (1)	9.50 (1)
Heating capacity	Nom.		kW	7.50 (2)	10.8 (2)
Space cooling	Energy efficiency class			A+	A
	Capacity Pdesign		kW	6.80	9.50
	SEER			5.77	5.25
	Annual energy consumption		kWh/a	412	633
Space heating (Average climate)	Energy efficiency class			A	
	Capacity Pdesign		kW	4.50	6.00
	SCOP/A			3.81	3.81
	SCOPnet/A			3.81	3.81
	Annual energy consumption		kWh/a	1,654	2,205
Required back up heating cap at design conditions			kW	0.00	
Space cooling	A Condi- tion (35°C - 27/19)	Pdc	kW	6.80	9.50
		EERd		3.41	2.70
	B Condi- tion (30°C - 27/19)	Pdc	kW	5.02	7.00
		EERd		4.67	4.29
	C Condi- tion (25°C - 27/19)	Pdc	kW	3.23	4.50
		EERd		7.02	6.05
	D Condi- tion (20°C - 27/19)	Pdc	kW	0.46	0.74
		EERd		2.84	3.00
		Pdc	kW	9.83	9.03
		EERd		0.29	0.33



## 2 Specifications

### 2 - 1 Specifications

Technical specifications				FAA71B + AZAS71MV1	FAA100B + AZAS100MV1
Space heating (Average climate)	TOL	Tol (temperature operating limit) °C		-10	
		Pdh (declared heating cap)	kW	4.50	6.00
		COPd (declared COP)		2.11	2.29
		Power input	kW	2.13	2.63
	TBivalent	Tbiv (bivalent temperature) °C		-10	
		Pdh (declared heating cap)	kW	4.50	6.00
		COPd (declared COP)		2.11	2.29
		Power input	kW	2.13	2.63
	A Con- dition (-7°C)	Pdh (declared heating cap)	kW	3.98	5.31
		COPd (declared COP)		2.38	2.52
Power input		kW	1.67	2.10	
B Condi- tion (2°C)	Pdh (declared heating cap)	kW	2.42	3.23	
	COPd (declared COP)		3.81	3.64	
	Power input	kW	0.64	0.89	
C Condi- tion (7°C)	Pdh (declared heating cap)	kW	2.02	2.12	
	COPd (declared COP)		5.14	5.04	
	Power input	kW	0.39	0.42	
D Condi- tion (12°C)	Pdh (declared heating cap)	kW	2.39	2.52	
	COPd (declared COP)			6.46	
	Power input	kW	0.37	0.39	
Power consump- tion in other than active mode	Crank- case heater mode	Cooling PCK	kW	0.000	
		Heating PCK	kW	0.000	
	Off mode	Cooling POFF	kW		0.012
		Heating POFF	kW		0.012
	Standby mode	Cooling PSB	kW		0.012
		Heating PSB	kW		0.012
	Thermo- stat-off mode	Cooling PTO	kW		0.000
		Heating PTO	kW		0.012
	Cooling	Cdc (Degradation cooling)			0.25
	Heating	Cdh (Degradation heating)			0.25
Cooling function included				Yes	
Heating function included				Yes	
Average climate included				Yes	
Cold season included				No	
Warm season included				No	
Ecolabel logo				No	

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

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

See separate drawing for operation range |

See separate drawing for electrical data

Technical specifications				ADEA71A + AZAS71MV1	ADEA100A + AZAS100MV1	ADEA125A + AZAS125MV1
Indoor unit				ADEA71A2VEB	ADEA100A2VEB	ADEA125A2VEB
Outdoor unit				AZAS71M2V1B	AZAS100M7V1B	AZAS125M7V1B
Cooling capacity	Nom.	kW	6.80	9.50	12.10	
	Nom.	Btu/h	23,200	32,400	41,300	
	Nom.	kcal/h	5,847	8,169	10,404	
Heating capacity	Nom.	kW	7.50	10.80	13.50	
	Nom.	Btu/h	25,600	36,900	46,100	
	Nom.	kcal/h	6,449	9,286	11,608	
Power input	Cooling	Nom. kW	2.08	2.97	5.33	
	Heating	Nom. kW	2.07	2.33	3.47	
Nominal efficiency	EER		3.27	3.20	2.27	
	COP		3.62	4.63	3.89	
Space cooling	Energy efficiency class		A			
	Capacity	Pdesign kW	6.80	9.50	12.10	
	SEER		5.44	5.13	4.73	
	ηs,c	%	-	-	186	
Annual energy consumption		kWh/a	437	648	1,534	

## 2 Specifications

### 2 - 1 Specifications

Technical specifications				ADEA71A + AZAS71MV1	ADEA100A + AZAS100MV1	ADEA125A + AZAS125MV1	
Space heating (Average climate)	Energy efficiency class			A		-	
	Capacity	Pdesign	kW	4.50	6.00		
	SCOP/A			3.81		3.50	
	SCOPnet/A			3.81		3.50	
	ηs,h			-		137	
	Pdh Heating capacity at -10°			4.50	6.00		
	Annual energy consumption			1,654	2,206	2,399	
Required back up heating cap at design conditions				0.00			
Space cooling	A Condi- tion (35°C -27/19)	Pdc EERd	kW	6.80	9.50	12.10	
				3.27	3.20	2.27	
	Power input			2.08	2.97	5.33	
	B Condi- tion (30°C -27/19)	Pdc EERd	kW	5.02	7.00	8.92	
				4.59	4.42	3.72	
	Power input			1.09	1.58	2.40	
	C Condi- tion (25°C -27/19)	Pdc EERd	kW	3.23	4.50	5.74	
				6.79	6.03	5.46	
	Power input			0.48	0.75	1.05	
	D Condi- tion (20°C -27/19)	Pdc EERd	kW	2.92	3.10	3.17	
			8.56	7.39	7.49		
Space cooling	D Condi- tion (20°C -27/19)	Power input	kW	0.34	0.42		
Space heating (Average climate)	TOL	Tol (temperature operating limit) °C		-10			
	Pdh (declared heating cap)	kW		4.50	6.00		
	COPd (declared COP)			2.26	2.42	2.45	
	Power input			1.99	2.48	2.45	
	TBivalent	Tbiv (bivalent temperature) °C		-10			
	Pdh (declared heating cap)	kW		4.50	6.00		
	COPd (declared COP)			2.26	2.42	2.45	
	Power input			1.99	2.48	2.45	
	A Con- dition (-7°C)	Pdh (declared heating cap)	kW		3.98	5.31	5.30
	COPd (declared COP)			2.53	2.66		
	Power input			1.57	2.00	1.99	
	B Condi- tion (2°C)	Pdh (declared heating cap)	kW		2.42	3.23	3.45
	COPd (declared COP)			3.91	3.73	0.94	
	Power input			0.62	0.87	0.94	
	C Condi- tion (7°C)	Pdh (declared heating cap)	kW		2.06	2.26	2.27
	COPd (declared COP)			4.79	4.78	4.11	
	Power input			0.43	0.47	0.55	
	D Con- dition (12°C)	Pdh (declared heating cap)	kW		2.43	2.57	2.66
	COPd (declared COP)			5.88	5.64	5.03	
	Power input			0.41	0.46	0.53	
Power consump- tion in other than active mode	Crank- case heater mode	Cooling PCK	kW	0.000			
		Heating PCK	kW	0.000			
	Off mode	Cooling POFF	kW	0.014			
		Heating POFF	kW	0.014			
	Standby mode	Cooling PSB	kW	0.014			
		Heating PSB	kW	0.014			
	Thermo- stat-off mode	Cooling PTO	kW	0.000			
		Heating PTO	kW	0.014			
	Indication if the heater is equipped with a supplementary heater (pair application)				-	No	
	Cooling	Cdc (Degradation cooling)			0.25		
Heating	Cdh (Degradation heating)			0.25			
Cooling function included				Yes			
Heating function included				Yes			
Average climate included				Yes			
Cold season included				No			
Warm season included				No			

See separate drawing for operation range |

See separate drawing for electrical data |

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

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

### 3 Electrical data

#### 3 - 1 Electrical Data

**RZASG-MV1**  
**RZASG-MY1**  
**AZAS-MV1**  
**AZAS-MY1**

Symbols  
MCA: Minimum Circuit Ampere [A]  
TOCA: Total overcurrent amps [A]  
MFA: Maximum Fuse Ampere [A]  
MSC: Maximum current of the starting compressor [A]  
RLA: Rated load amps [A]  
OFM: Outdoor fan motor  
IFM: Indoor fan motor  
FLA: Full Load Ampere [A]  
KW: Fan motor rated output [kW]

Notes

- The ·RLA· is based on the following conditions.  
Cooling  
Indoor temperature ·27.0·°C DB / ·19.0·°C WB  
Outdoor temperature ·35.0·°C DB  
Heating  
Indoor temperature ·20.0·°C DB  
Outdoor temperature ·7.0·°C DB / ·6.0·°C WB
- TOCA· is the total value of each overcurrent set.
- Voltage range  
The units are suitable for use with electrical systems in which the voltage supplied to the unit terminals is not below or above the listed range limits.
- The maximum allowable voltage that is unbalanced between phases is ·2·%.
- MCA· is the maximum input current.  
The capacity of the ·MFA· must be greater than that of the ·MCA·.  
Select the ·MFA· according to the table.
- Select the wire size according to the MCA.
- MFA· is used to select the circuit breaker and the ground fault circuit interruptor.  
Earth leakage circuit breaker

**3D110014G**

**AZAS-MV1**  
**AZAS-MY1**

Indoor	Outdoor	Power supply	Voltage range		Compressor			OFM		IFM			
					MCA	TOCA	MFA	MSC	RLA	kW	FLA	kW	FLA
FCAG71BVEB	AZAS71M2V1B	50Hz ~ 220-240V	Minimum: ·198 V· Maximum: ·264 V·		17,4	—	20	—	15	0,094	0,9	0,05	0,4
FBA71A2VEB	AZAS71M2V1B				17,5	—	20	—	15	0,094	0,9	0,07	0,5
FAA71BUV1B	AZAS71M2V1B				17,4	—	20	—	15	0,094	0,9	0,05	0,5
ADEA71A2VEB	AZAS71M2V1B				17,5	—	20	—	15	0,094	0,9	0,07	0,5
FCAG100BVEB	AZAS100M7V1B				21,5	—	25	—	19	0,2	1	0,12	0,7
FBA100A2VEB	AZAS100M7V1B				21,8	—	25	—	19	0,2	1	0,13	1
FAA100BUV1B	AZAS100M7V1B				21,7	—	25	—	19	0,2	1	0,06	0,9
ADEA100A2VEB	AZAS100M7V1B				21,8	—	25	—	19	0,2	1	0,13	1
FCAG125BVEB	AZAS125M7V1B				27,8	—	32	—	25	0,2	1	0,17	1
FBA125A2VEB	AZAS125M7V1B				28,3	—	32	—	25	0,2	1	0,19	1,5
ADEA125A2VEB	AZAS125M7V1B				28,3	—	32	—	25	0,2	1	0,19	1,5
FCAG140BVEB	AZAS140M7V1B				27,0	—	32	—	24	0,2	1	0,17	1
FBA140A2VEB	AZAS140M7V1B				27,6	—	32	—	24	0,2	1	0,19	1,5
FCAG100BVEB	AZAS100M7Y1B				3N~ 50Hz 380-415V	Minimum: ·342 V· Maximum: ·456 V·		14,2	—	16	—	12	0,2
FBA100A2VEB	AZAS100M7Y1B	14,6	—	16				—	12	0,2	1	0,13	1
FAA100BUV1B	AZAS100M7Y1B	14,4	—	16				—	12	0,2	1	0,06	0,9
FCAG125BVEB	AZAS125M7Y1B	14,6	—	16				—	12	0,2	1	0,17	1
FBA125A2VEB	AZAS125M7Y1B	15,1	—	16				—	12	0,2	1	0,19	1,5
FCAG140BVEB	AZAS140M7Y1B	14,6	—	16				—	12	0,2	1	0,17	1
FBA140A2VEB	AZAS140M7Y1B	15,1	—	16				—	12	0,2	1	0,19	1,5

**3D110014G**

# 4 Combination table

## 4 - 1 Combination Table

4

AZAS-MV1

AZAS-MY1

RZAG-MV1

RZAG-MY1

RZASG-MV1

RZASG-MY1

Possible combinations	71	100	125	140
P= Pair	35×35	50×50	60×60	71×71
2= Twin		35×35+35 (*)	50×50+50 (*)	50×50+50 (*)
3= Triple			35×35+35+35 (*)	35×35+35+35
4= Double twin				

(\*) : See note 1.

Sky Air	High Cassette				Thin cassette								2x2 cassette				Duct (medium ESP)				Concealed floor standing type		Ceiling-mounted - 4-way blow		Wall mounted type		Duct (high ESP)													
Model	FCAG71HVEB	FCAG100HVEB	FCAG125HVEB	FCAG140HVEB	FCAG50VEB	FCAG60VEB	FCAG70VEB	FCAG100VEB	FCAG125VEB	FCAG140VEB	FFAS302VEB	FFAS302VEB	FFAS302VEB	FFAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB	FBAS302VEB				
RZAG1M7Y1B	RZAG1M7Y1B																																							
RZAG100M7Y1B	RZAG100M7Y1B																																							
RZAG125M7Y1B	RZAG125M7Y1B																																							
RZAG140M7Y1B	RZAG140M7Y1B																																							
RZASG1M2Y1B	RZASG1M2Y1B																																							
RZASG100M7Y1B	RZASG100M7Y1B																																							
RZASG125M7Y1B	RZASG125M7Y1B																																							
RZASG140M7Y1B	RZASG140M7Y1B																																							
AZAS1M2Y1B	AZAS1M2Y1B																																							
AZAS100M7Y1B	AZAS100M7Y1B																																							
AZAS125M7Y1B	AZAS125M7Y1B																																							
AZAS140M7Y1B	AZAS140M7Y1B																																							

Sky Air	Floor standing type				Slim duct			Ceiling-suspended				Duct (medium ESP)			
Model	FVA17AMVEB	FVA100AMVEB	FVA125AMVEB	FVA140AMVEB	FDM35FY1B9	FDM60FY1B9	FDM100FY1B9	FHA30AVB99	FHA60AVB99	FHA100AVB99	FHA125AVB99	FHA140AVB99	ADEA10A2VEB	ADEA125A2VEB	ADEA140A2VEB
RZAG1M7Y1B	RZAG1M7Y1B														
RZAG100M7Y1B	RZAG100M7Y1B														
RZAG125M7Y1B	RZAG125M7Y1B														
RZAG140M7Y1B	RZAG140M7Y1B														
RZASG1M2Y1B	RZASG1M2Y1B														
RZASG100M7Y1B	RZASG100M7Y1B														
RZASG125M7Y1B	RZASG125M7Y1B														
RZASG140M7Y1B	RZASG140M7Y1B														
AZAS1M2Y1B	AZAS1M2Y1B														
AZAS100M7Y1B	AZAS100M7Y1B														
AZAS125M7Y1B	AZAS125M7Y1B														
AZAS140M7Y1B	AZAS140M7Y1B														

Notes

- Maximum capacity is limited based on outdoor unit capacity.
- When combining multiple indoor units, designate the unit whose remote controller is equipped with the most functions as the master unit.
- For the selection of the correct refnet kit, required to install a multi-combination, refer to the option list.

Twin : KHRQ(M)S8T  
 Triple : KHRQ(M)S8H  
 Double twin : KHRQ(M)S8T

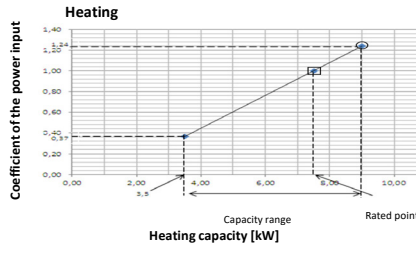
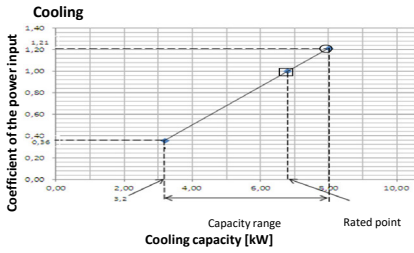
- ADEA10A2VEB : can only be used in combination with AZAS1M7Y1B.

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# 5 Capacity tables

## 5 - 1 Cooling/Heating Capacity Tables

### AZAS71MV1 AZAS71MY1



**Symbols**  
 AFR: Air flow rate [m<sup>3</sup>/min]  
 BF: Bypass factor  
 EWB: Entering wet-bulb temperature (°C WB)  
 EDB: Entering dry-bulb temperature (°C DB)  
 TC: Maximum total cooling/heating capacity [kW]  
 SHC: Sensible heat capacity [kW]  
 CPI: Coefficient of the power input  
 PI: Power input [kW]  
 compressor + indoor and outdoor fan motors

Indoor		Outdoor temperature [°C DB]											
		25			30			35			40		
°CWB	°CDB	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI
16.0	22	7.29	4.95	0.92	7.28	4.99	1.08	7.50	5.21	1.20	7.20	5.06	1.32
18.0	25	8.37	5.43	1.00	8.11	5.32	1.11	7.83	5.19	1.21	7.52	5.04	1.34
19.0	27	8.54	5.41	1.01	8.28	5.31	1.11	<b>8.00</b>	<b>5.18</b>	<b>1.21</b>	7.68	5.03	1.34
19.5	27	8.63	5.40	1.01	8.37	5.30	1.11	8.08	5.17	1.21	7.76	5.03	1.34
22.0	30	9.07	5.33	1.03	8.80	5.23	1.12	8.51	5.12	1.22	8.18	4.97	1.35
24.0	32	9.43	5.25	1.03	9.15	5.16	1.13	8.85	5.05	1.23	8.51	4.90	1.36

Indoor		Outdoor temperature [°C WB]											
		-15		-10		-5		0		5		10	
°CDB	°CWB	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI
16	16	5.14	0.89	5.68	0.94	6.22	0.98	6.75	1.03	9.02	1.08	9.72	1.13
18	18	5.14	0.92	5.67	0.97	6.21	1.02	6.74	1.07	9.01	1.12	9.70	1.18
20	20	5.13	0.96	5.67	1.01	6.20	1.06	6.73	1.11	<b>9.00</b>	<b>1.17</b>	9.69	1.23
21	21	5.13	0.98	5.66	1.03	6.20	1.08	6.73	1.13	9.00	1.19	9.69	1.25
22	22	5.12	0.99	5.66	1.04	6.19	1.10	6.73	1.15	8.99	1.22	9.68	1.28
24	24	5.12	1.03	5.65	1.09	6.19	1.14	6.72	1.20	8.98	1.26	9.66	1.32

**Notes**

- The ratings shown are net capacities which include a deduction for indoor fan motor heat.
  - = Maximum at standard conditions
  - = Rated capacity and rated coefficient of the power input
 The maximum capacity is not guaranteed except at standard conditions.
- SHC is based on indoor units -EWB & EDB.
  - SHC for other dry-bulb temperatures = SHC + SHC\*
  - SHC\* = -SHC correction for other dry-bulb temperatures = 0.02 x AFR (m<sup>3</sup>/min) x (1-BF) x (DB\* - EDB)
- The capacities are based on the following conditions:
  - Outdoor air: -85% RH
  - However, the outdoor ambient condition of the rated capacity during heating operation is -7°C DB / 6°C WB.
  - Corresponding refrigerant piping length: -5.0 m
  - Level difference: -0 m
- CPI is a percentage value compared to the rated value which is -1.00%.
- The error rate for this value is less than -5% and depends on the indoor unit type.
- The heating performance takes into account the drop that occurs during defrost operation.
- The air flow rate and bypass factor are mentioned in the table.
- The rated power input for each model is mentioned in the table below.

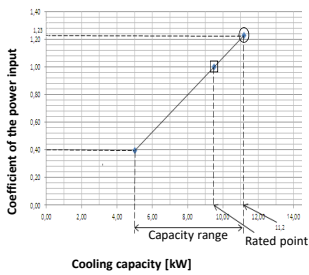
Pair	FCAG71B	FAA71B	FBA71A	ADEA71A
AFR (BF)	15.3 (0.14)	16.9 (0.16)	18.0 (0.13)	18.0 (0.13)

Pair	FCAG71B	FAA71B	FBA71A	ADEA71A
Cooling	2,17	1,99	1,89	2,08
Heating	2,02	2,25	2,01	2,07

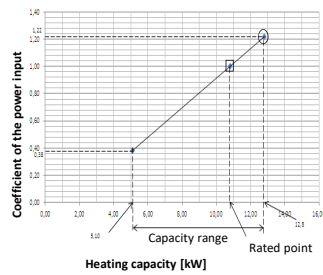
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### AZAS100MV1 AZAS100MY1

**Cooling**



**Heating**



**Symbols**  
 AFR: Air flow rate [m<sup>3</sup>/min]  
 BF: Bypass factor  
 EWB: Entering wet-bulb temperature (°C WB)  
 EDB: Entering dry-bulb temperature (°C DB)  
 TC: Maximum total cooling/heating capacity [kW]  
 SHC: Sensible heat capacity [kW]  
 CPI: Coefficient of the power input  
 PI: Power input [kW]  
 compressor + indoor and outdoor fan motors

Indoor		Outdoor temperature [°C DB]											
		25			30			35			40		
°CWB	°CDB	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI
16.0	22	11.2	7.61	1.02	10.9	7.44	1.11	10.5	7.29	1.20	10.1	7.06	1.30
18.0	25	11.8	7.99	1.02	11.4	7.86	1.12	11.0	7.71	1.20	10.6	7.66	1.30
19.0	27	12.0	7.97	1.03	11.6	7.84	1.12	<b>11.2</b>	<b>7.76</b>	<b>1.20</b>	10.8	7.64	1.31
19.5	27	12.1	7.96	1.03	11.7	7.83	1.13	11.3	7.75	1.20	10.9	7.64	1.31
22.0	30	12.8	7.92	1.03	12.4	7.80	1.13	11.9	7.74	1.24	11.5	7.65	1.35
24.0	32	13.3	7.86	1.03	12.9	7.77	1.14	12.4	7.69	1.26	12.0	7.61	1.36

Indoor		Outdoor temperature [°C WB]											
		-15.0		-10.0		-5.0		0.0		5.0		10.0	
°CDB	°CWB	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI
16	16	8.68	0.93	9.45	0.99	10.1	1.02	10.4	1.05	12.8	1.12	13.8	1.18
18	18	8.67	0.97	9.44	1.06	10.0	1.07	10.3	1.10	12.8	1.17	13.8	1.23
20	20	8.66	1.01	9.43	1.07	10.0	1.11	10.3	1.14	<b>12.8</b>	<b>1.22</b>	13.8	1.28
21	21	8.66	1.03	9.42	1.09	10.0	1.13	10.3	1.16	12.8	1.24	13.8	1.30
22	22	8.65	1.04	9.42	1.10	10.0	1.14	10.3	1.16	12.8	1.26	13.8	1.32
24	24	8.64	1.09	9.41	1.16	10.0	1.19	10.3	1.23	12.8	1.31	13.8	1.38

**Notes**

- The ratings shown are net capacities which include a deduction for indoor fan motor heat.
  - = Maximum at standard conditions
  - = Rated capacity and rated coefficient of the power input
 The maximum capacity is not guaranteed except at standard conditions.
- SHC is based on indoor units -EWB & EDB.
  - SHC for other dry-bulb temperatures = SHC + SHC\*
  - SHC\* = -SHC correction for other dry-bulb temperatures = 0.02 x AFR (m<sup>3</sup>/min) x (1-BF) x (DB\* - EDB)
- The capacities are based on the following conditions:
  - Outdoor air: -85% RH
  - However, the outdoor ambient condition of the rated capacity during heating operation is -7°C DB / 6°C WB.
  - Corresponding refrigerant piping length: -5.0 m
  - Level difference: -0 m
- CPI is a percentage value compared to the rated value which is -1.00%.
- The error rate for this value is less than -5% and depends on the indoor unit type.
- The heating performance takes into account the drop that occurs during defrost operation.
- The air flow rate and bypass factor are mentioned in the table.
- The rated power input for each model is mentioned in the table below.

Pair	FCAG100B	FAA100A	FBA100A	ADEA100A
AFR (BF)	22.8 (0.17)	26.0 (0.10)	29.0 (0.03)	29.0 (0.03)

Pair	FCAG100B	FAA100A	FBA100A	ADEA100A
Cooling	2,92	3,52	2,97	2,97
Heating	2,92	2,85	2,26	2,33

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# 5 Capacity tables

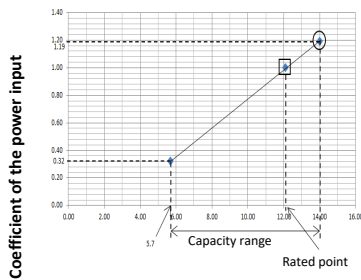
## 5 - 1 Cooling/Heating Capacity Tables

5

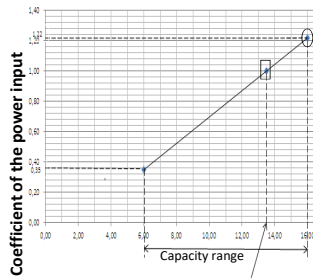
**AZAS125MV1**

**AZAS125MY1**

**Cooling**



**Heating**



- Symbols**
- AFR: Air flow rate [m<sup>3</sup>/min]
  - BF: Bypass factor
  - EWB: Entering wet-bulb temperature (°C WB)
  - EDB: Entering dry-bulb temperature (°C DB)
  - TC: Maximum total cooling/heating capacity [kW]
  - SHC: Sensible heat capacity [kW]
  - CPI: Coefficient of the power input
  - PI: Power input [kW]  
compressor + indoor and outdoor fan motors

**Cooling**

Indoor	Outdoor temperature [°C DB]												
	25			30			35			40			
	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	
16.0	22	24.50	9.54	0.97	32.60	9.30	1.08	13.30	9.12	1.18	12.60	8.78	1.28
18.0	25	14.70	5.60	0.97	14.20	9.30	1.08	13.30	9.09	1.19	13.20	8.83	1.30
19.0	27	15.00	5.52	0.99	14.50	9.34	1.09	14.00	9.06	1.19	13.50	8.87	1.29
19.5	27	15.20	5.52	0.99	14.70	9.26	1.09	14.20	9.08	1.19	13.60	8.93	1.30
22.0	30	16.00	9.39	0.99	15.50	9.34	1.09	14.90	8.95	1.20	14.40	8.74	1.31
24.0	32	16.70	9.51	1.00	16.10	9.09	1.11	15.50	8.83	1.21	15.00	8.63	1.32

**Heating**

Indoor	Outdoor temperature [°C WB]											
	-15.0		-10.0		-5.0		0.0		6.0		10.0	
	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI
16	10.7	0.93	11.8	0.99	12.6	1.02	13.0	1.05	16.0	1.12	17.3	1.18
18	10.7	0.97	11.8	1.02	12.5	1.07	12.9	1.10	16.0	1.17	17.3	1.23
20	10.7	1.01	11.8	1.07	12.5	1.11	12.9	1.14	16.0	1.22	17.3	1.28
21	10.7	1.03	11.8	1.09	12.5	1.13	12.9	1.16	16.0	1.24	17.3	1.31
22	10.7	1.04	11.8	1.10	12.5	1.14	12.9	1.18	16.0	1.27	17.3	1.33
24	10.7	1.09	11.8	1.15	12.5	1.19	12.9	1.23	16.0	1.31	17.3	1.38

**Notes**

- The ratings shown are net capacities which include a deduction for indoor fan motor heat.
- = Maximum at standard conditions  
□ = Rated capacity and rated coefficient of the power input  
The maximum capacity is not guaranteed except at standard conditions.
- SHC is based on indoor units -EWB & EDB-.  
-SHC for other dry-bulb temperatures = SHC + SHC\*.  
SHC\* = -SHC correction for other dry-bulb temperatures  
= 0.02 x AFR (m<sup>3</sup>/min) x (1-BF) x (DB\* - EDB)
- The capacities are based on the following conditions:  
Outdoor air: -85% RH.  
However, the outdoor ambient condition of the rated capacity during heating operation is -7°C DB / 6°C WB.  
Corresponding refrigerant piping length: -5.0 m  
Level difference: -0 m
- CPI is a percentage value compared to the rated value which is -1.00%.
- The error rate for this value is less than -5% and depends on the indoor unit type.
- The heating performance takes into account the drop that occurs during defrost operation.
- The air flow rate and bypass factor are mentioned in the table.
- The rated power input for each model is mentioned in the table below.

Pair	FCAG125B	AVA125A	FBA125A	ADEA125A
AFR	26.0	28.0	34.0	34.0
(BF)	(0.21)	(0.14)	(0.06)	(0.06)

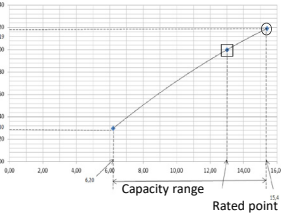
Pair	FCAG125B	AVA125A	FBA125A	ADEA125A
Cooling	5,28	5,11	5,26	5,33
Heating	3,15	3,64	3,37	3,47

**3D112150C**

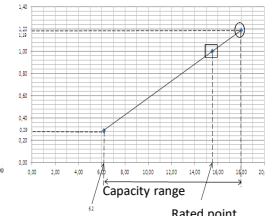
**AZAS140MV1**

**AZAS140MY1**

**Cooling**



**Heating**



- Symbols**
- AFR: Air flow rate [m<sup>3</sup>/min]
  - BF: Bypass factor
  - EWB: Entering wet-bulb temperature (°C WB)
  - EDB: Entering dry-bulb temperature (°C DB)
  - TC: Maximum total cooling/heating capacity [kW]
  - SHC: Sensible heat capacity [kW]
  - CPI: Coefficient of the power input
  - PI: Power input [kW]  
compressor + indoor and outdoor fan motors

**Cooling**

Indoor	Outdoor temperature [°C DB]												
	25			30			35			40			
	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	
16.0	22	15.5	10.47	0.98	14.9	10.26	1.08	14.4	10.03	1.18	13.9	9.69	1.28
18.0	25	15.2	10.05	0.98	15.0	10.91	1.09	15.1	10.04	1.19	14.5	9.71	1.30
19.0	27	15.6	10.43	0.99	16.0	10.18	1.08	15.4	9.98	1.19	14.6	9.76	1.30
19.5	27	15.7	10.48	0.99	16.1	10.19	1.10	15.6	10.00	1.19	15.0	9.89	1.30
22.0	30	17.6	10.37	0.99	17.0	10.16	1.10	16.4	9.83	1.21	15.8	9.80	1.31
24.0	32	18.4	10.30	1.00	17.7	10.00	1.11	17.0	9.67	1.22	16.4	9.47	1.32

**Heating capacity [kW]**

Indoor	Outdoor temperature [°C WB]											
	-15.0		-10.0		-5.0		0.0		6.0		10.0	
	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI
16	11.5	0.91	12.7	0.97	13.6	1.00	13.9	1.02	18.0	1.09	19.4	1.16
18	11.8	0.95	12.7	1.00	13.6	1.04	13.9	1.07	18.0	1.14	19.4	1.21
20	11.9	0.99	12.7	1.05	13.5	1.09	13.9	1.11	18.0	1.19	19.4	1.25
21	11.5	1.00	12.7	1.06	13.5	1.11	13.9	1.13	18.0	1.21	19.4	1.28
22	11.5	1.02	12.7	1.08	13.5	1.12	13.9	1.16	18.0	1.24	19.4	1.30
24	11.5	1.07	12.6	1.12	13.5	1.17	13.9	1.20	18.0	1.29	19.4	1.35

Pair	FCAG140B	FBA140A
AFR	26.0	34.0
(BF)	(0.23)	(0.06)

Pair	FCAG140B	FBA140A
Cooling	4,47	4,45
Heating	4,18	3,89

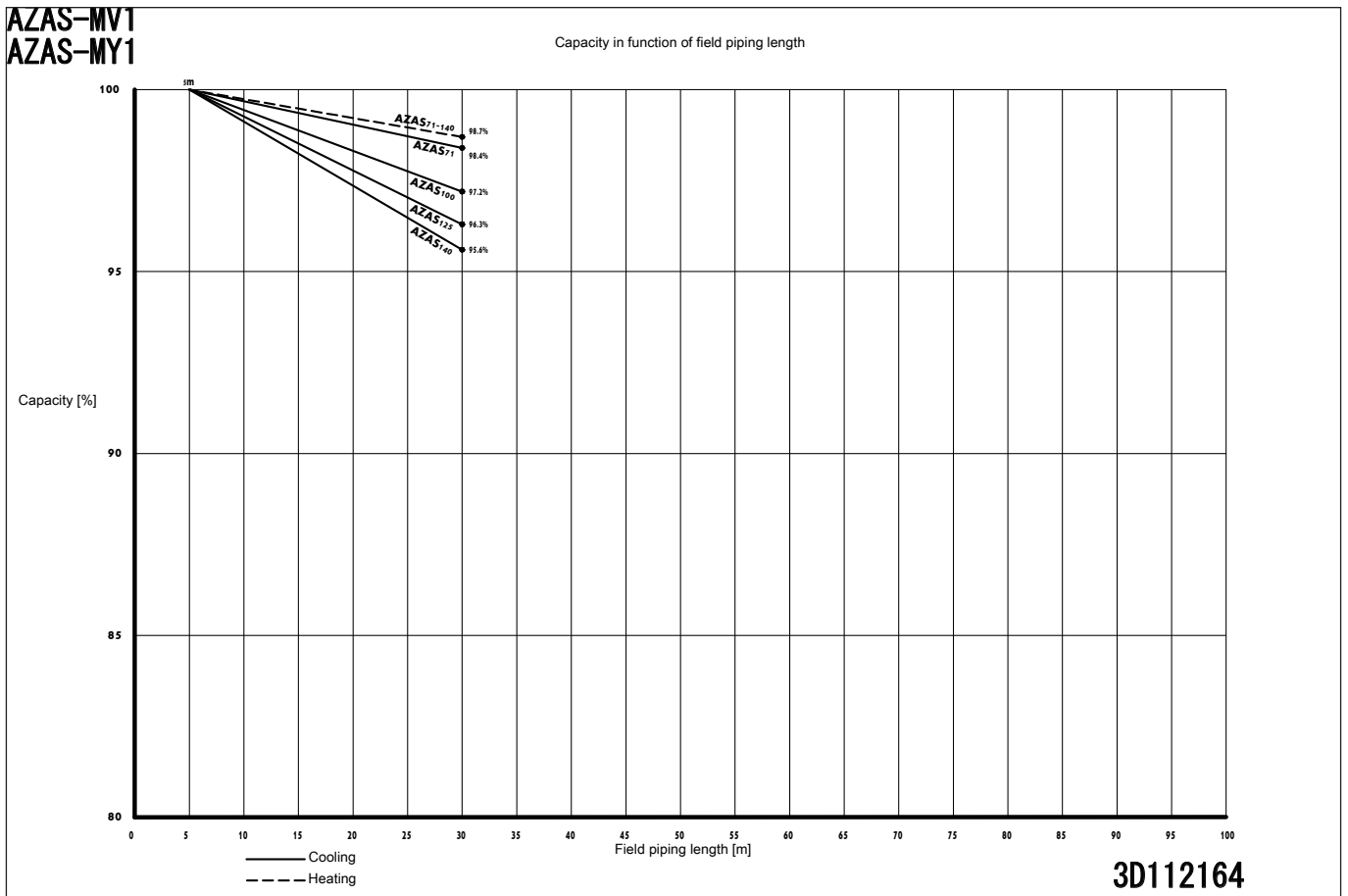
**Notes**

- The ratings shown are net capacities which include a deduction for indoor fan motor heat.
- = Maximum at standard conditions  
□ = Rated capacity and rated coefficient of the power input  
The maximum capacity is not guaranteed except at standard conditions.
- SHC is based on indoor units -EWB & EDB-.  
-SHC for other dry-bulb temperatures = SHC + SHC\*.  
SHC\* = -SHC correction for other dry-bulb temperatures  
= 0.02 x AFR (m<sup>3</sup>/min) x (1-BF) x (DB\* - EDB)
- The capacities are based on the following conditions:  
Outdoor air: -85% RH.  
However, the outdoor ambient condition of the rated capacity during heating operation is -7°C DB / 6°C WB.  
Corresponding refrigerant piping length: -5.0 m  
Level difference: -0 m
- CPI is a percentage value compared to the rated value which is -1.00%.
- The error rate for this value is less than -5% and depends on the indoor unit type.
- The heating performance takes into account the drop that occurs during defrost operation.
- The air flow rate and bypass factor are mentioned in the table.
- The rated power input for each model is mentioned in the table below.

**3D112151B**

# 5 Capacity tables

## 5 - 2 Capacity Correction Factor



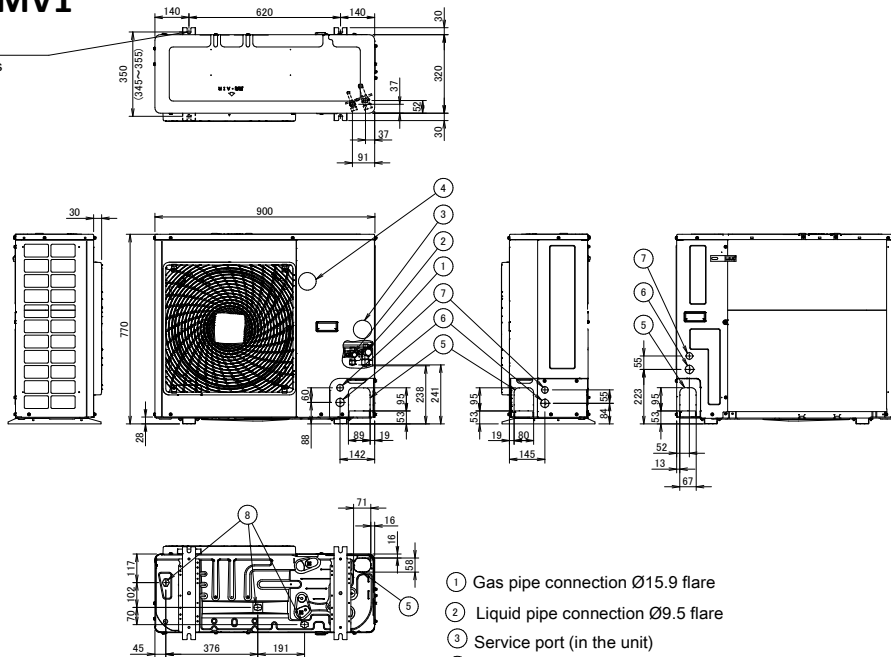
# 6 Dimensional drawings

## 6 - 1 Dimensional Drawings

6

### AZAS71MV1 RZASG71MV1

4 holes for anchor bolts  
M12

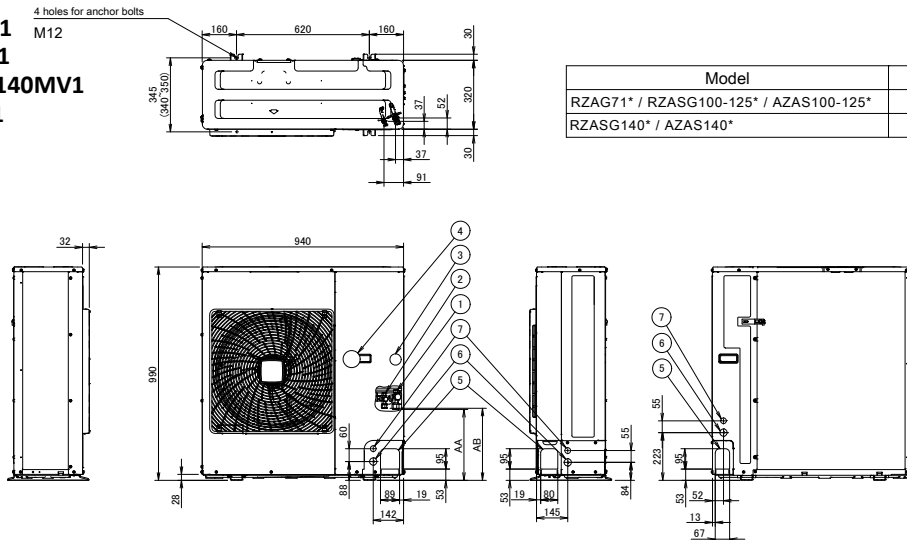


- ① Gas pipe connection Ø15.9 flare
- ② Liquid pipe connection Ø9.5 flare
- ③ Service port (in the unit)
- ④ Electronic connection and grounding terminal M5 (in the switch box)
- ⑤ Refrigerant piping intake
- ⑥ Power supply wiring intake (knockout hole Ø34)
- ⑦ Control wiring intake (knockout hole Ø27)
- ⑧ Drain outlet

**3D110013**

### AZAS100-140MV1 AZAS-MY1 RZAG71MV1 RZAG71MY1 RZASG100-140MV1 RZASG-MY1

4 holes for anchor bolts  
M12



Model	AA	AB
RZAG71* / RZASG100-125* / AZAS100-125*	331	337
RZASG140* / AZAS140*	414	420

- ① Gas pipe connection Ø15.9 flare
- ② Liquid pipe connection Ø9.5 flare
- ③ Service port (in the unit)
- ④ Electronic connection and grounding terminal M5 (in the switch box)
- ⑤ Refrigerant piping intake
- ⑥ Power supply wiring intake (knockout hole Ø34)
- ⑦ Control wiring intake (knockout hole Ø27)
- ⑧ Drain outlet

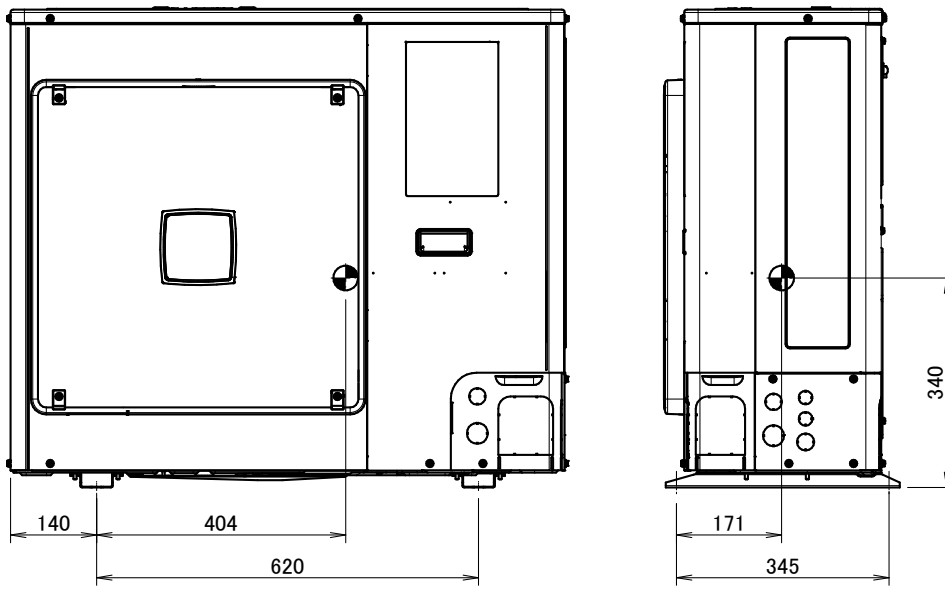
**3D110011**



# 7 Centre of gravity

## 7 - 1 Centre of Gravity

**AZAS71MV1**  
**RZASG71MV1**



**4D110027**

# 7 Centre of gravity

## 7 - 1 Centre of Gravity

7

**AZAS100-140MV1**

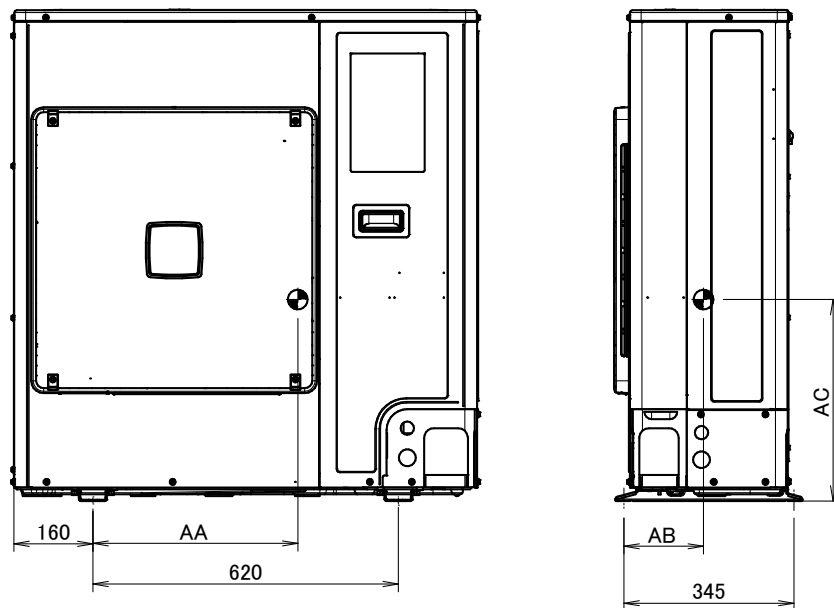
**AZAS-MY1**

**RZAG71MV1**

**RZAG71MY1**

**RZASG100-140MV1**

**RZASG-MY1**



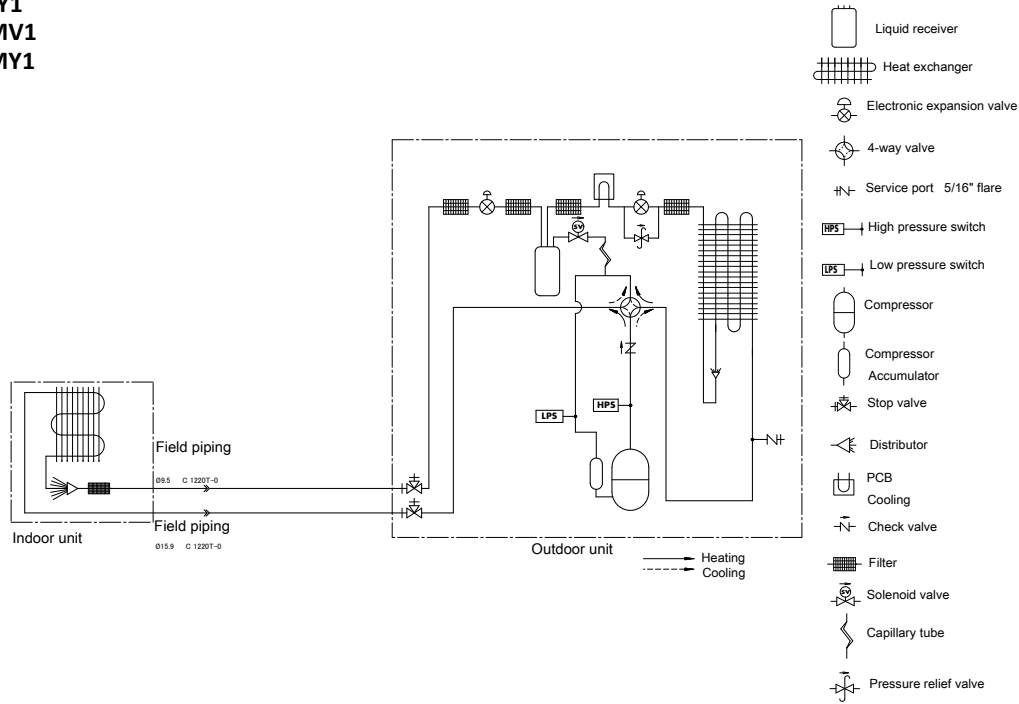
Model	AA	AB	AC
RZAG71M7V*	414	163	407
RZAG71M7Y*	432	137	407
RZASG100-125M7V* / AZAS100-125M7V*	425	181	422
RZASG100-125M7Y* / AZAS100-125M7Y*	414	156	417
RZASG140M7V* / AZAS140M7V*	414	161	423
RZASG140M7Y* / AZAS140M7Y*	416	151	418

**4D110025**

# 8 Piping diagrams

## 8 - 1 Piping Diagrams

AZAS-MV1  
 AZAS-MY1  
 RZAG-MV1  
 RZAG-MY1  
 RZASG-MV1  
 RZASG-MY1



Notes

1. The pipes between the branch and the indoor units should have the same size as the indoor connections.

3D108855A

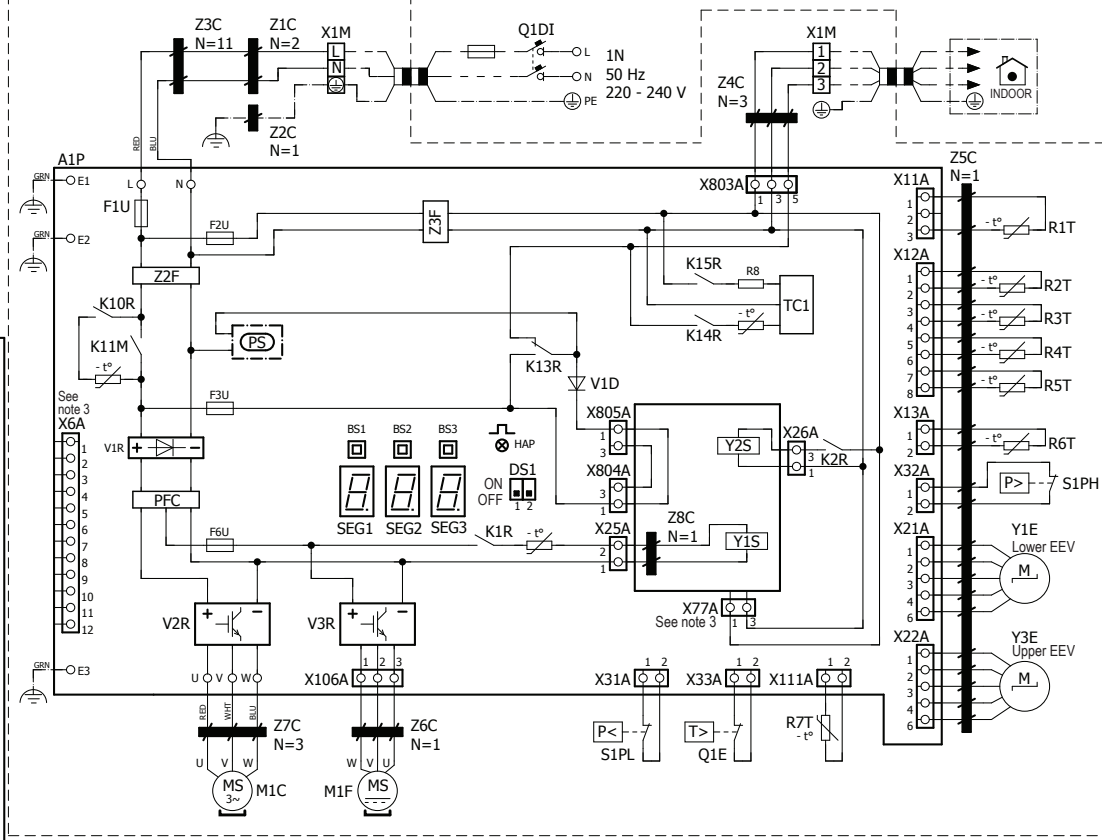
# 9 Wiring diagrams

## 9 - 1 Wiring Diagrams - Single Phase

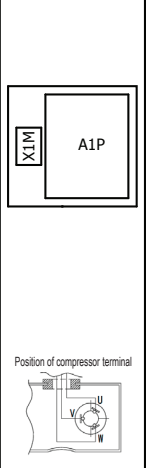
9

**AZAS71MV1**  
**RZASG71MV1**

(1) Connection diagram



(2) Layout



**(3) NOTES**

- : Connection
- : Earth wiring
- : Option
- : switch box
- : PCB
- : Wiring depending on model
- : Protective earth
- : Field wire

**(4) LEGEND**

Part n°	Description
A1P	Printed circuit board (main)
BS1-3 (A1P)	Push-button switch
DS1(A1P)	Dipswitch
E1-3 (A1P)	Connector
F1U (A1P)	Fuse T 31,5 A 250 V
F2U (A1P)	Fuse T 6,3 A 250 V
F3U (A1P)	Fuse T 6,3 A 250 V
F6U (A1P)	Fuse T 5 A 250V
HAP (A1P)	Light-emitting diode (service monitor is green)
K1R (A1P)	Magnetic relay (Y1S)
K2R (A1P)	Magnetic relay (Y2S)
K13-15R, K10R (A1P)	Magnetic relay
K11M (A1P)	Magnetic contactor
L (A1P)	Connector
M1C	Compressor motor
M1F	Fan motor
N (A1P)	Connector
PFC (A1P)	Power factor correction
PS (A1P)	Switching power supply
Q1DI	Earth leakage circuit breaker (30mA)
Q1E	Overload protection

Part n°	Description
R1T	Thermistor (air)
R2T	Thermistor (discharge)
R3T	Thermistor (suction)
R4T	Thermistor (heat exchanger)
R5T	Thermistor (heat exchanger middle)
R6T	Thermistor (liquid)
R7T	Thermistor (fin)
R8 (A1P)	Resistor
S1PH	High pressure switch
S1PL	Low pressure switch
SEG1-3 (A1P)	7-segment display
TC1 (A1P)	Signal transceiver circuit
U, V, W (A1P)	Connector
V1D (A1P)	Diode
V*R (A1P)	Diode module
X*A (A1P)	Connector
X1M	Terminal strip
Y1E, Y3E	Electronic expansion valve
Y1-2S	Solenoid valve (4-way valve)
Z*C	Noise filter (ferrite core)
Z*F (A1P)	Noise filter

\* : optional  
# : field supply

**NOTES**

- Refer to the wiring diagram sticker (on the back of the front plate) for how to use the BS1-BS3 and DS1 switches.
- When operating, do not short-circuit protection device(s) S1PH, S1PL and Q1E.
- Refer to the combination table and the option manual for how to connect the wiring to X6A and X77A.
- Colours: BLK:black; RED:red; BLU:blue; WHT:white; GRN:green

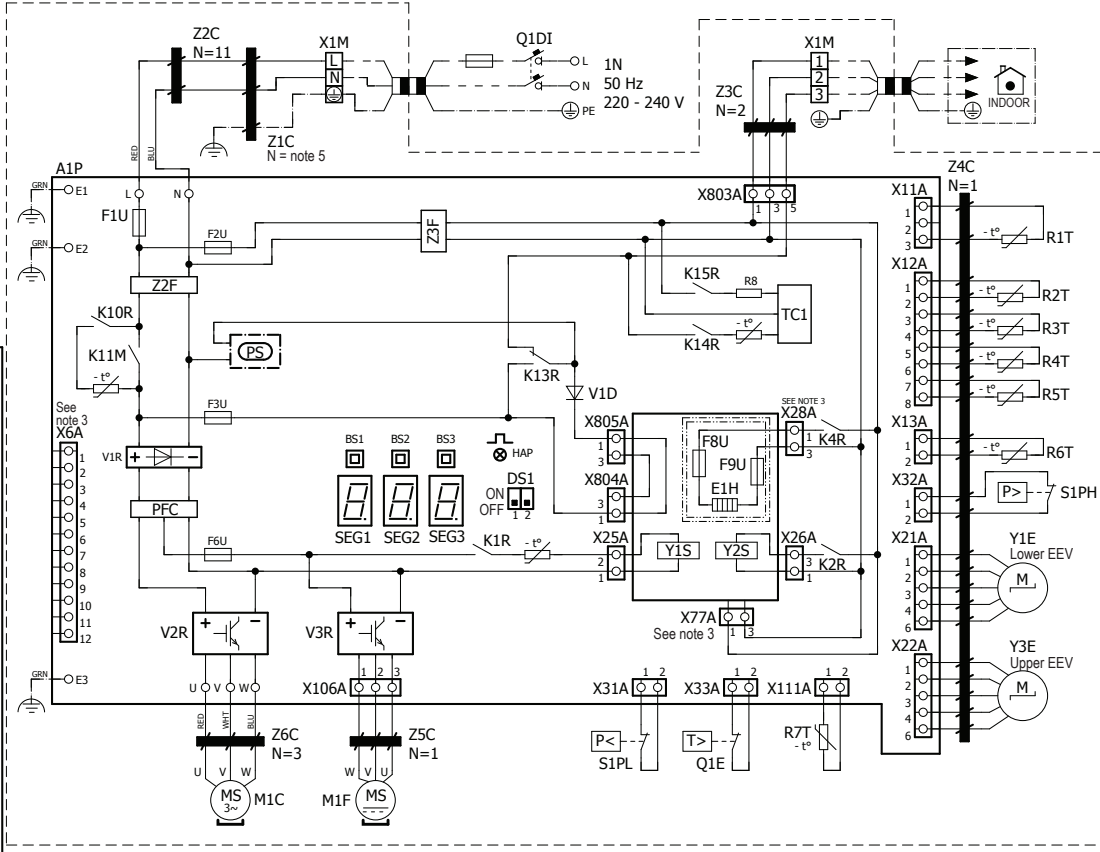
**4D110098A**

# 9 Wiring diagrams

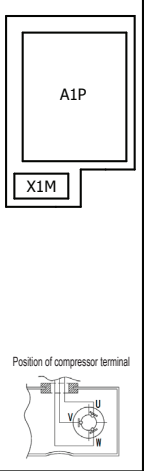
## 9 - 1 Wiring Diagrams - Single Phase

**AZAS100MV1**  
**RZAG71MV1**  
**RZASG100MV1**

(1) Connection diagram



(2) Layout



**(3) NOTES**

- ⬤ : Connection
- X1M : Main terminal
- : Earth wiring
- : Field supply
- [ ] : Option
- [ ] : switch box
- [ ] : PCB
- [ ] : Wiring depending on model
- ⊕ : Protective earth
- [ ] : Field wire

**(4) LEGEND**

Part n°	Description
A1P	Printed circuit board (main)
BS1-3 (A1P)	Push-button switch
DS1(A1P)	Dipswitch
E1-3 (A1P)	Connector
E1H	* Bottom plate heater
F1U (A1P)	Fuse T 31,5 A 250 V
F2U (A1P)	Fuse T 6,3 A 250 V
F3U (A1P)	Fuse T 6,3 A 250 V
F6U (A1P)	Fuse T 5 A 250V
F8-9U	* Fuse F 1 A 250 V
HAP (A1P)	Light-emitting diode (service monitor is green)
K1R (A1P)	Magnetic relay (Y1S)
K2R (A1P)	Magnetic relay (Y2S)
K4R (A1P)	Magnetic relay (E1H)
K13-15R, K10R (A1P)	Magnetic relay
K11M (A1P)	Magnetic contactor
L (A1P)	Connector
M1C	Compressor motor
M1F	Fan motor
N (A1P)	Connector
PFC (A1P)	Power factor correction
PS (A1P)	Switching power supply
Q1DI	Earth leakage circuit breaker (30mA)

Part n°	Description
Q1E	Overload protection
R1T	Thermistor (air)
R2T	Thermistor (discharge)
R3T	Thermistor (suction)
R4T	Thermistor (heat exchanger)
R5T	Thermistor (heat exchanger middle)
R6T	Thermistor (liquid)
R7T	Thermistor (fin)
R8 (A1P)	Resistor
S1PH	High pressure switch
S1PL	Low pressure switch
SEG1-3 (A1P)	7-segment display
TC1 (A1P)	Signal transceiver circuit
U, V, W (A1P)	Connector
V1D (A1P)	Diode
V*R (A1P)	Diode module
X*A (A1P)	Connector
X1M	Terminal strip
Y1E, Y3E	Electronic expansion valve
Y1-2S	Solenoid valve (4-way valve)
Z*C	Noise filter (ferrite core)
Z*F (A1P)	Noise filter

\* : optional # : field supply

**NOTES**

- Refer to the wiring diagram sticker (on the back of the front plate) for how to use the BS1-BS3 and DS1 switches.
- When operating, do not short-circuit protection device(s) S1PH, S1PL and Q1E.
- Refer to the combination table and the option manual for how to connect the wiring to X6A, X28A and X77A.
- Colours: BLK:black; RED:red; BLU:blue; WHT:white; GRN:green
- Windings: L-N: 2 - Earth: 1

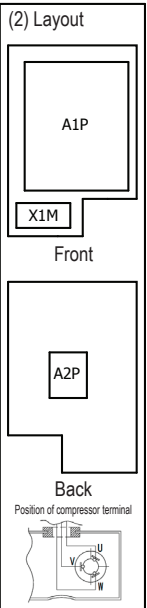
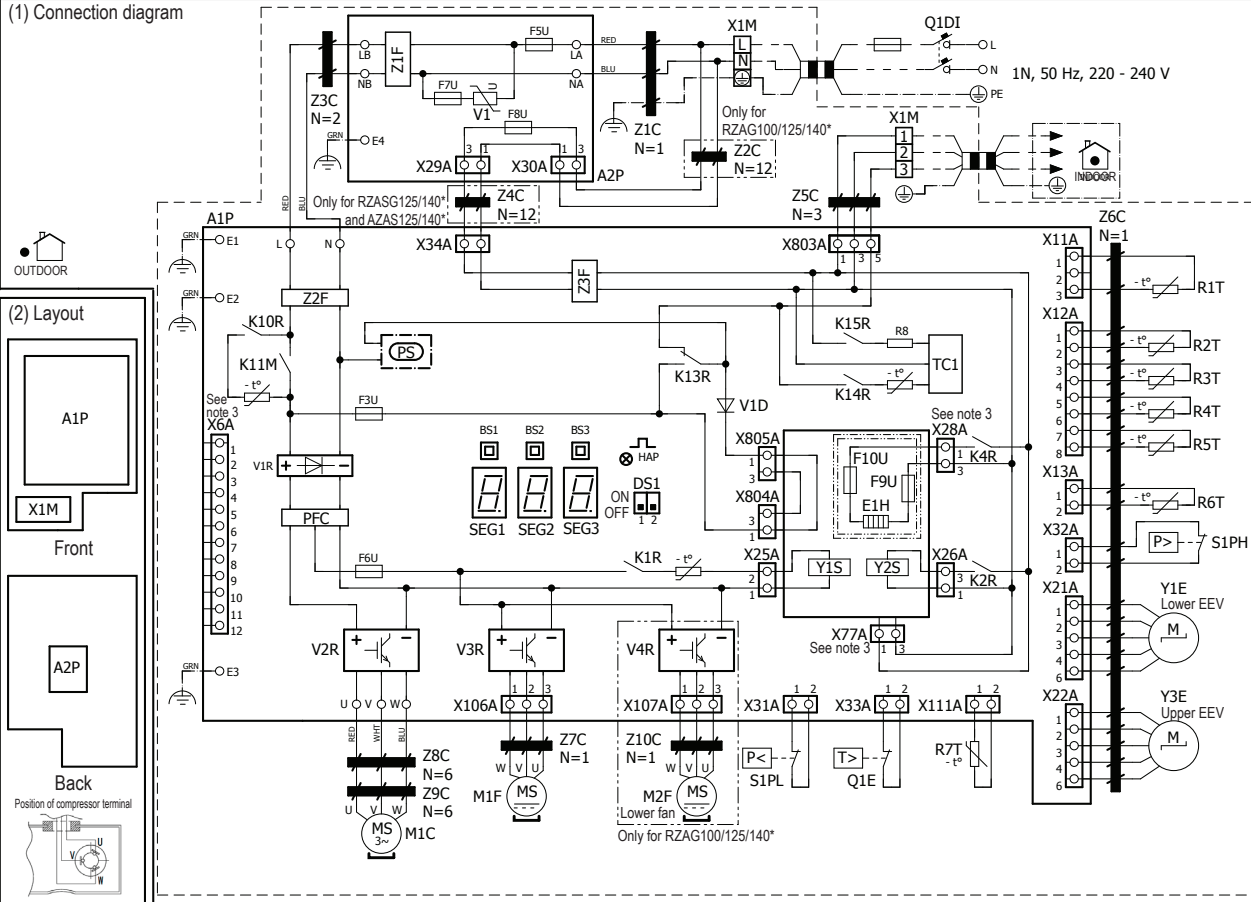
**4D109936A**

# 9 Wiring diagrams

## 9 - 1 Wiring Diagrams - Single Phase

9

**AZAS125-140MV1**  
**RZAG100-140MV1**  
**RZASG125-140MV1**



**(3) NOTES**

- ⬤ : Connection
- X1M : Main terminal
- : Earth wiring
- ⋯ : Field supply
- ① : Several wiring possibilities
- ⊕ : Protective earth
- : Field wire
- ⋯ : Wiring depending on model
- ⋯ : Option
- ⊠ : Switch box
- ⊠ : PCB

**(4) LEGEND**

Part n°	Description
A1P	Printed circuit board (main)
A2P	Printed circuit board (noise filter)
BS1-3 (A1P)	Push-button switch
DS1(A1P)	Dipswitch
E1-3 (A1-2P)	Connector
E1H	* Bottom plate heater
F3U (A1P)	Fuse T 6,3 A 250 V
F5U (A2P)	Fuse T 56 A 250V
F6U (A1P)	Fuse T 5 A 250V
F7U (A2P)	Fuse T 6,3 A 250 V
F8U (A2P)	Fuse T 6,3 A 250 V
F9-10U	* Fuse F 1 A 250 V
HAP (A1P)	Light-emitting diode (service monitor is green)
K1R (A1P)	Magnetic relay (Y1S)
K2R (A1P)	Magnetic relay (Y2S)
K4R (A1P)	Magnetic relay (E1H)
K13-15R, K10R (A1P)	Magnetic relay
K11M (A1P)	Magnetic contactor
L* (A1-2P)	Connector
M1C	Compressor motor
M1-2F	Fan motor
PFC (A1P)	Power factor correction
PS (A1P)	Switching power supply

Part n°	Description
Q1DI	Earth leakage circuit breaker (30mA)
Q1E	Overload protection
R1T	Thermistor (air)
R2T	Thermistor (discharge)
R3T	Thermistor (suction)
R4T	Thermistor (heat exchanger)
R5T	Thermistor (heat exchanger middle)
R6T	Thermistor (liquid)
R7T	Thermistor (fin)
R8 (A1P)	Resistor
S1PH	High pressure switch
S1PL	Low pressure switch
SEG1-3 (A1P)	7-segment display
TC1 (A1P)	Signal transceiver circuit
U, V, W (A1P)	Connector
V1 (A2P)	Varistor
V1D (A1P)	Diode
V*R (A1P)	Diode module
X*A (A1-2P)	Connector
X1M	Terminal strip
Y1E, Y3E	Electronic expansion valve
Y1-2S	Solenoid valve (4-way valve)
Z*C	Noise filter (ferrite core)
Z*F (A1-2P)	Noise filter

\* : optional # : field supply

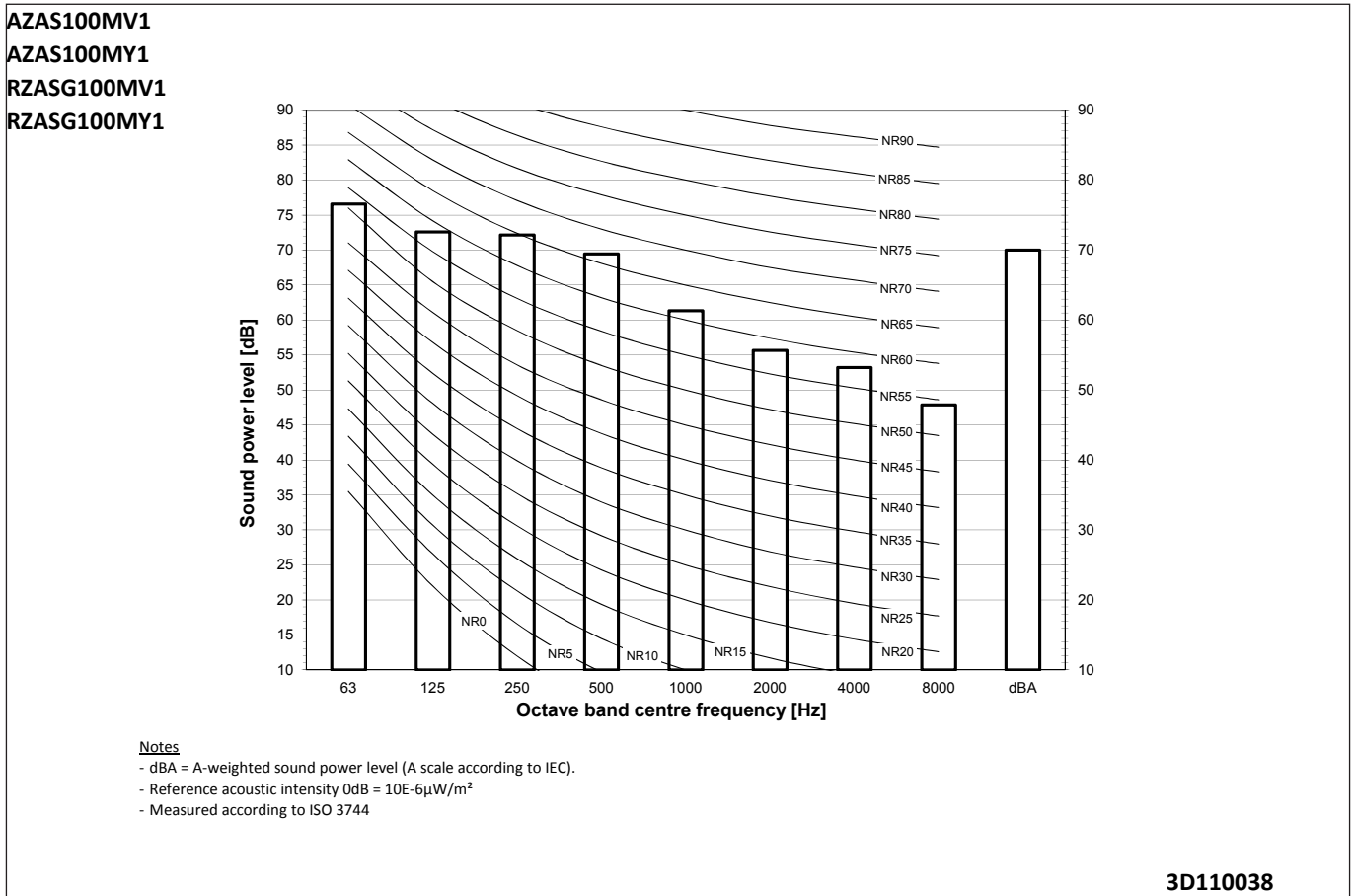
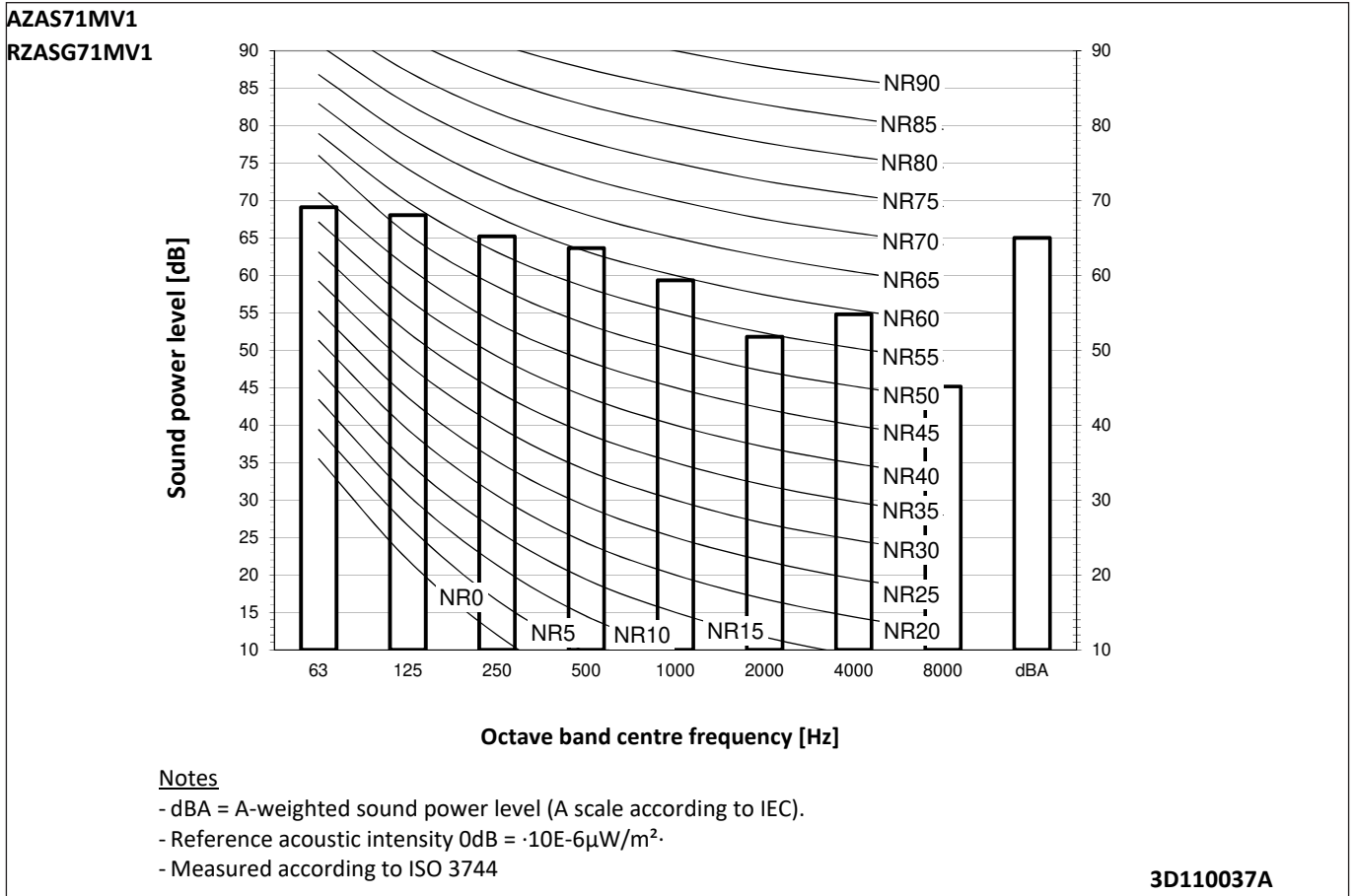
**NOTES**

1. Refer to the wiring diagram sticker (on the back of the front plate) for how to use the BS1-BS3 and DS1 switches.
2. When operating, do not short-circuit protection device(s) S1PH, S1PL and Q1E.
3. Refer to the combination table and the option manual for how to connect the wiring to X6A, X28A and X77A.
4. Colours: BLK:black; RED:red; BLU:blue; WHT:white; GRN:green

**4D109863A**

# 10 Sound data

## 10 - 1 Sound Power Spectrum

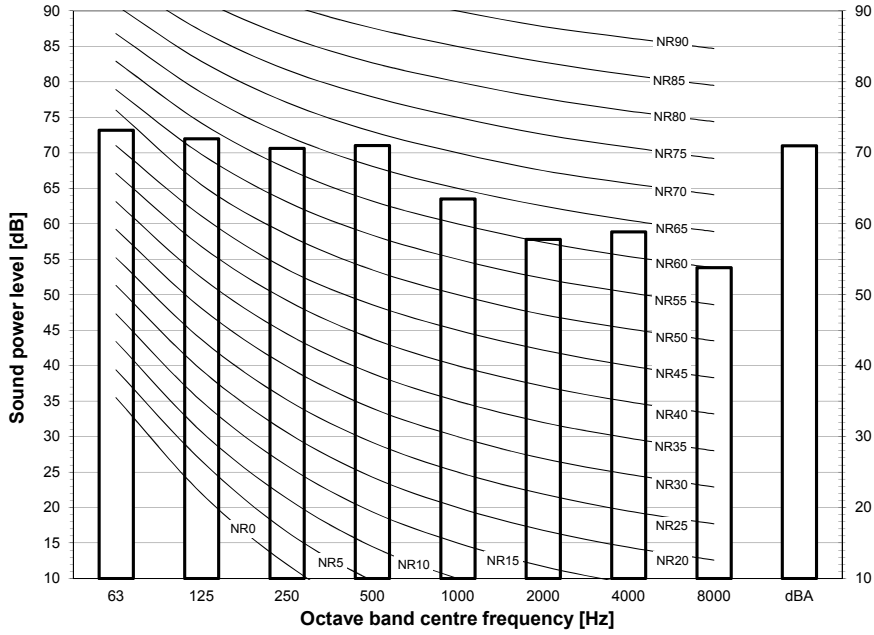


# 10 Sound data

## 10 - 1 Sound Power Spectrum

10

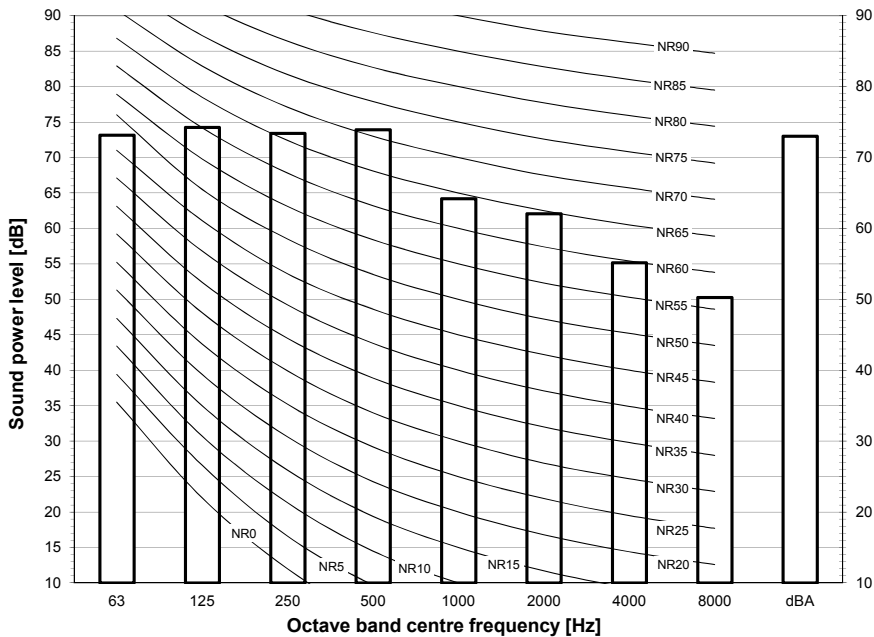
AZAS125MV1  
 AZAS125MY1  
 RZASG125MV1  
 RZASG125MY1



**Notes**  
 - dBA = A-weighted sound power level (A scale according to IEC).  
 - Reference acoustic intensity 0dB = 10E-6μW/m<sup>2</sup>  
 - Measured according to ISO 3744

3D110039

AZAS140MV1  
 AZAS140MY1  
 RZASG140MV1  
 RZASG140MY1



**Notes**  
 - dBA = A-weighted sound power level (A scale according to IEC).  
 - Reference acoustic intensity 0dB = 10E-6μW/m<sup>2</sup>  
 - Measured according to ISO 3744

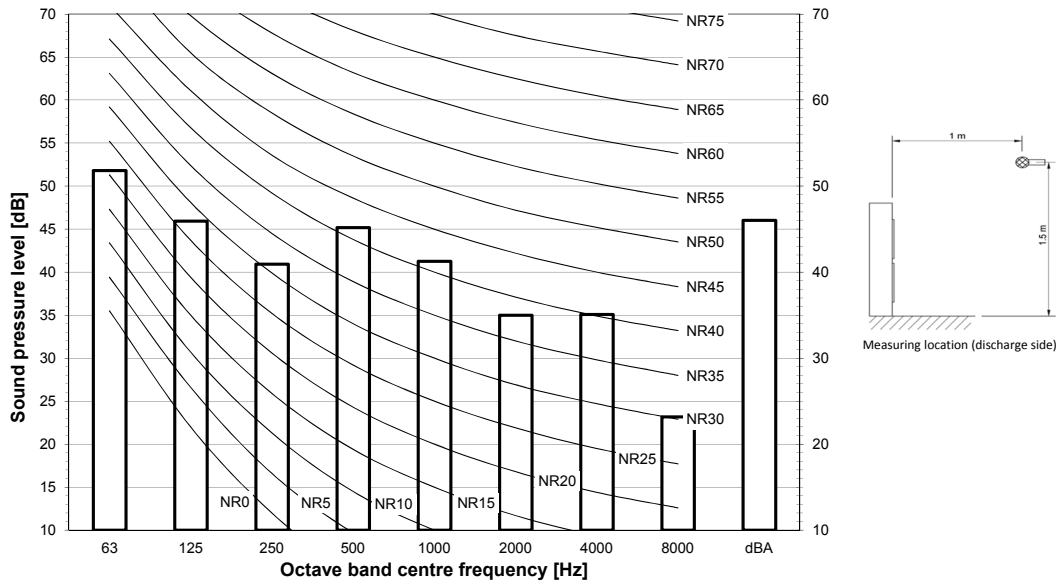
3D110040



# 10 Sound data

## 10 - 2 Sound Pressure Spectrum - Cooling

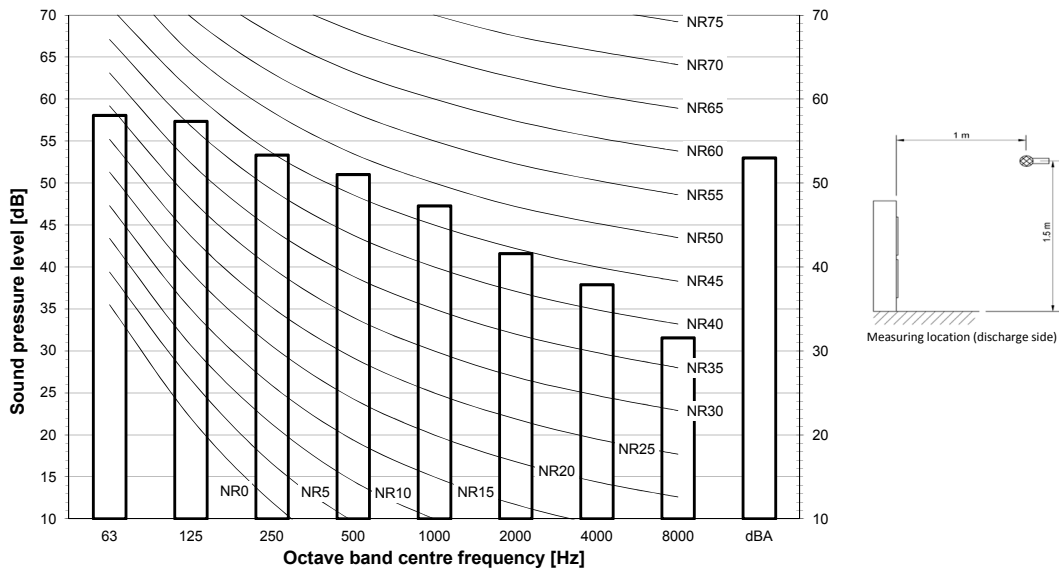
AZAS71MV1  
RZASG71MV1



- Notes**
- Data is valid at free field condition.
  - Data is valid at nominal operation condition.
  - dBA = A-weighted sound pressure level (A scale according to IEC).
  - Reference acoustic pressure 0 dB = 20 μPa

3D110049

AZAS100MV1  
AZAS100MY1  
RZASG100MV1  
RZASG100MY1



- Notes**
- Data is valid at free field condition.
  - Data is valid at nominal operation condition.
  - dBA = A-weighted sound pressure level (A scale according to IEC).
  - Reference acoustic pressure 0 dB = 20 μPa

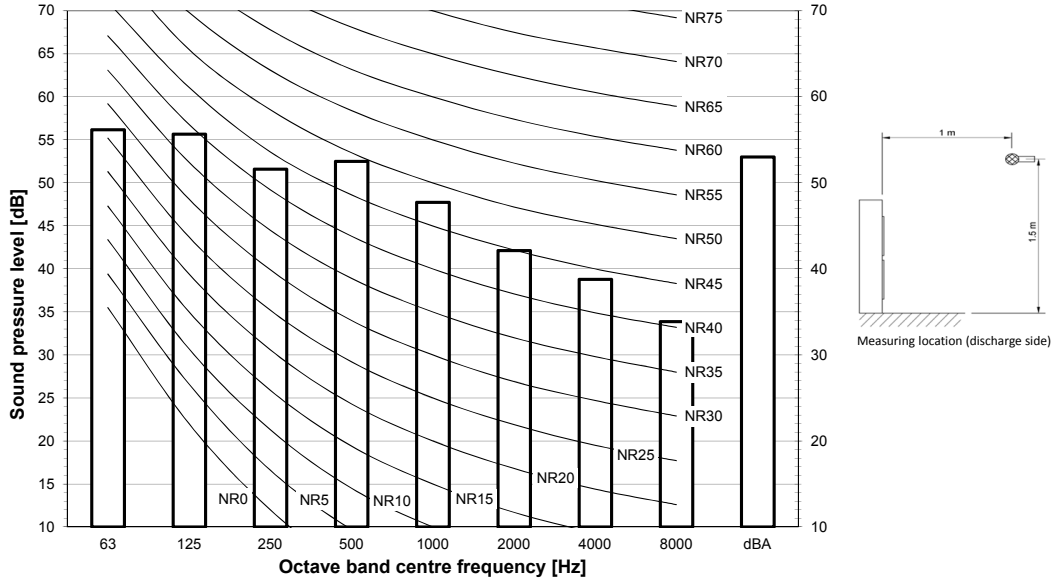
3D110050

# 10 Sound data

## 10 - 2 Sound Pressure Spectrum - Cooling

10

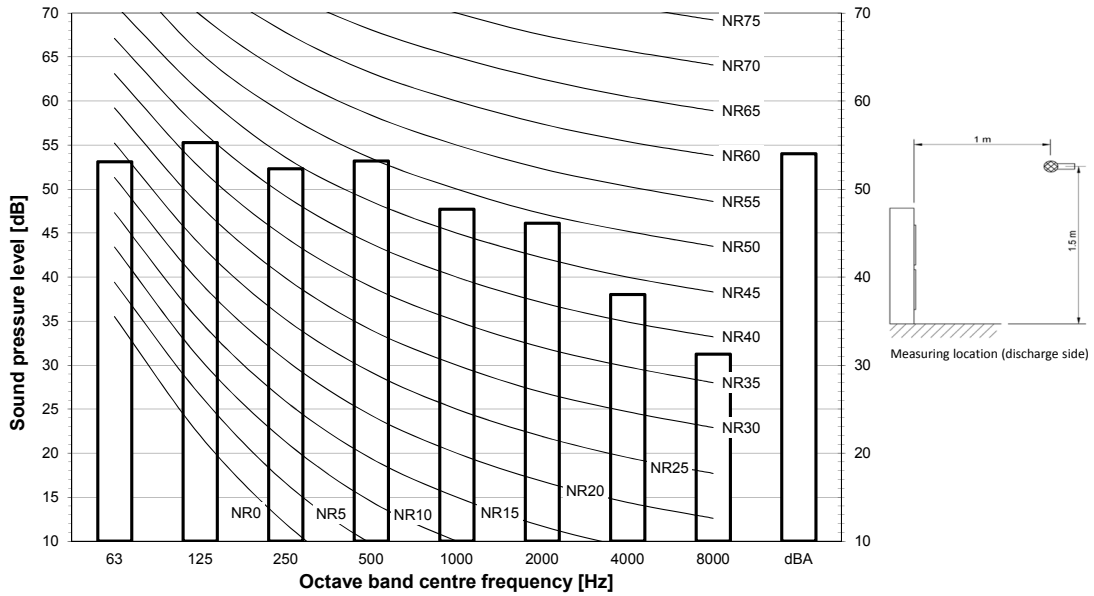
AZAS125MV1  
 AZAS125MY1  
 RZASG125MV1  
 RZASG125MY1



- Notes**
- Data is valid at free field condition.
  - Data is valid at nominal operation condition.
  - dBA = A-weighted sound pressure level (A scale according to IEC).
  - Reference acoustic pressure 0 dB = 20 μPa

3D110051

AZAS140MV1  
 AZAS140MY1  
 RZASG140MV1  
 RZASG140MY1



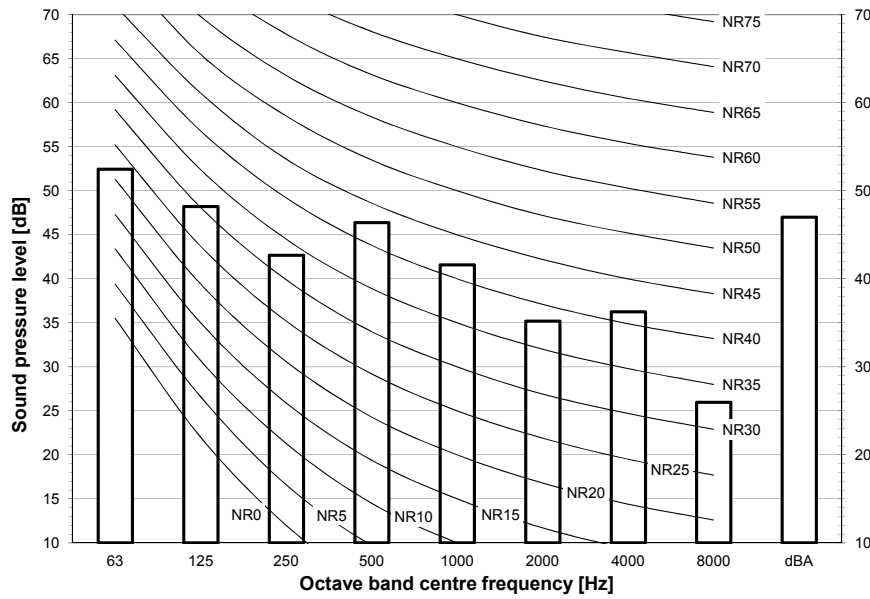
- Notes**
- Data is valid at free field condition.
  - Data is valid at nominal operation condition.
  - dBA = A-weighted sound pressure level (A scale according to IEC).
  - Reference acoustic pressure 0 dB = 20 μPa

3D111310

# 10 Sound data

## 10 - 3 Sound Pressure Spectrum - Heating

AZAS71MV1  
RZASG71MV1

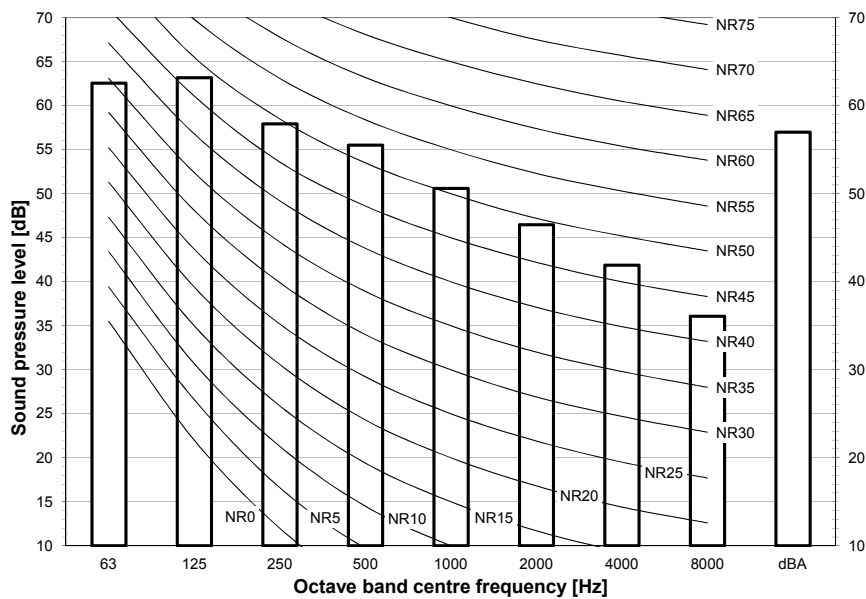


**Notes**

- Data is valid at free field condition.
- Data is valid at nominal operation condition.
- dBA = A-weighted sound pressure level (A scale according to IEC).
- Reference acoustic pressure 0 dB = 20 µPa

3D111293

AZAS100MV1  
AZAS100MY1  
RZASG100MV1  
RZASG100MY1



**Notes**

- Data is valid at free field condition.
- Data is valid at nominal operation condition.
- dBA = A-weighted sound pressure level (A scale according to IEC).
- Reference acoustic pressure 0 dB = 20 µPa

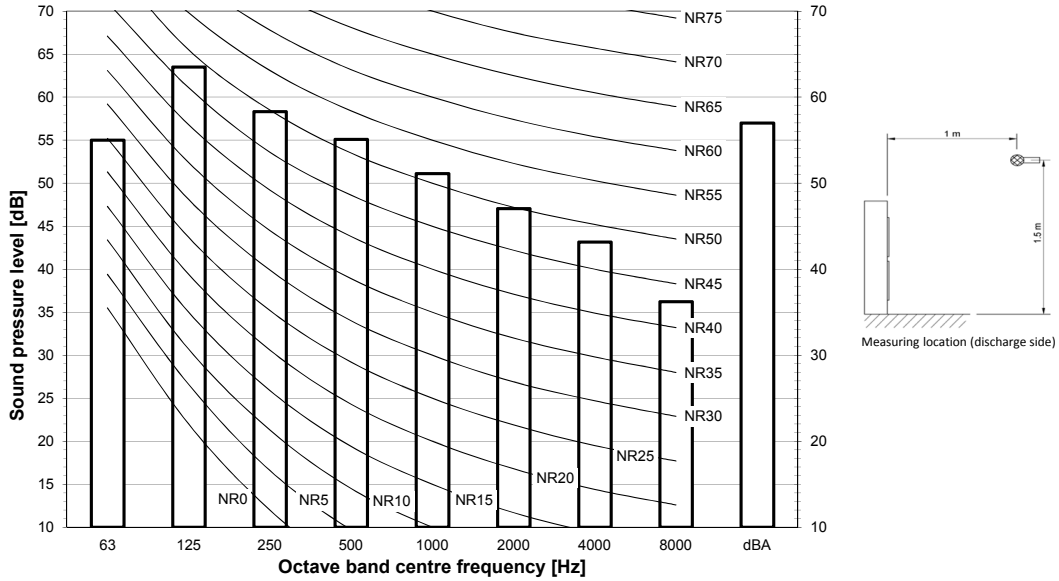
3D111294

# 10 Sound data

## 10 - 3 Sound Pressure Spectrum - Heating

10

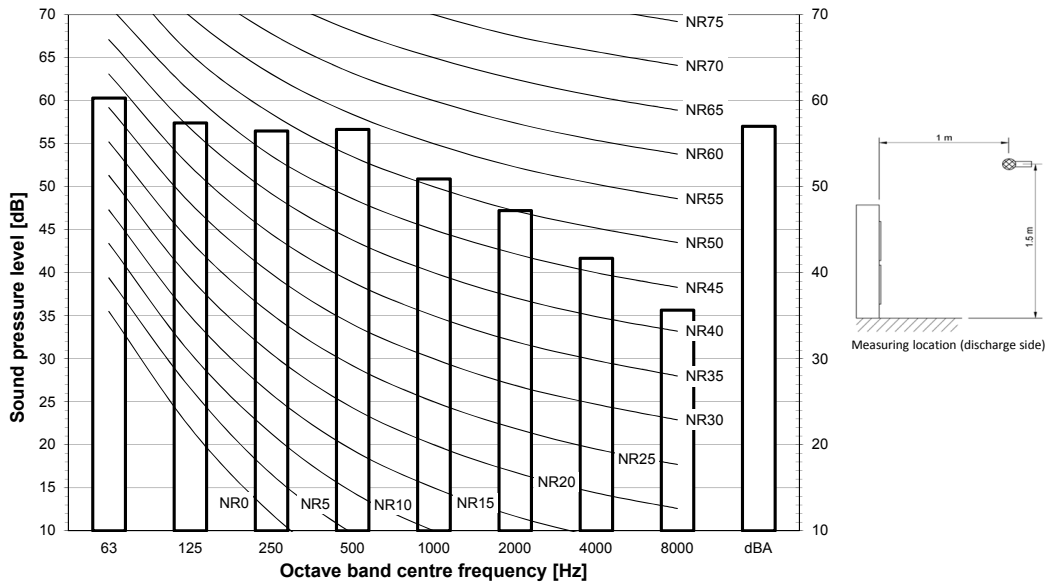
AZAS125MV1  
 AZAS125MY1  
 RZASG125MV1  
 RZASG125MY1



- Notes**
- Data is valid at free field condition.
  - Data is valid at nominal operation condition.
  - dBA = A-weighted sound pressure level (A scale according to IEC).
  - Reference acoustic pressure 0 dB = 20 μPa

3D111295

AZAS140MV1  
 AZAS140MY1  
 RZASG140MV1  
 RZASG140MY1



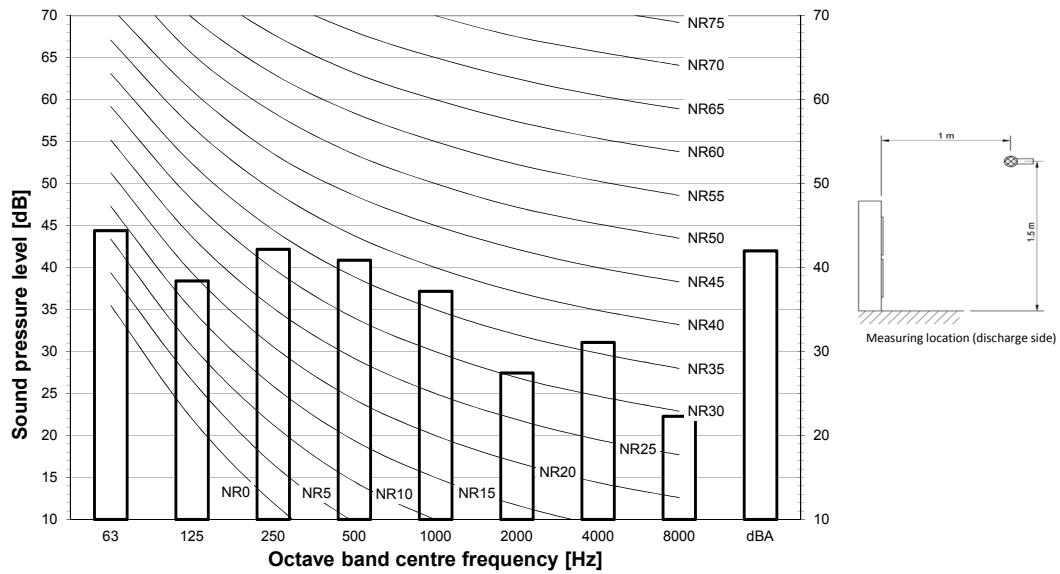
- Notes**
- Data is valid at free field condition.
  - Data is valid at nominal operation condition.
  - dBA = A-weighted sound pressure level (A scale according to IEC).
  - Reference acoustic pressure 0 dB = 20 μPa

3D111296

# 10 Sound data

## 10 - 4 Sound Pressure Spectrum Quiet Mode

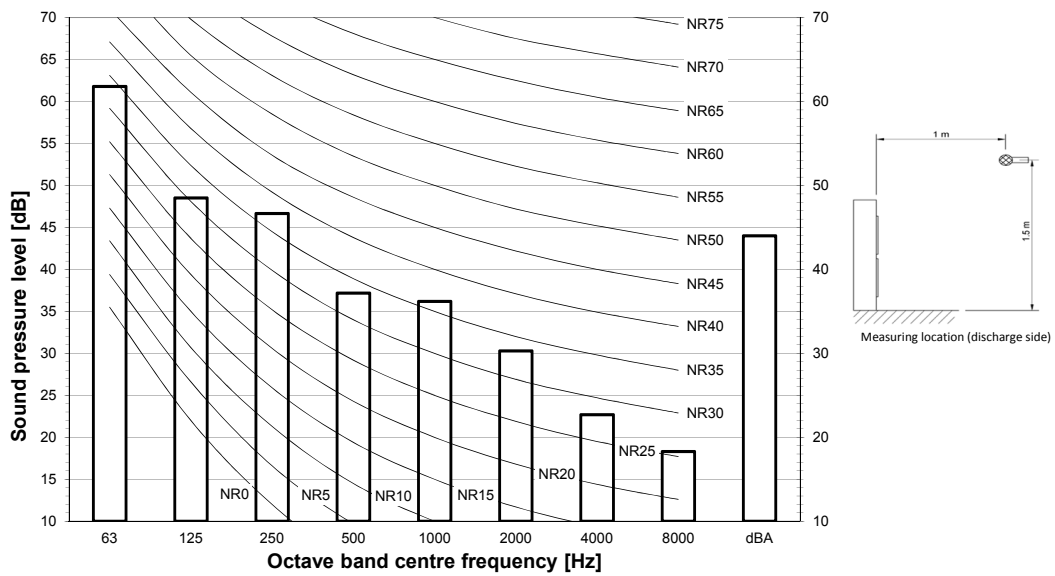
AZAS71MV1  
RZASG71MV1



- Notes**
- Data is valid at free field condition.
  - Data is valid at nominal operation condition.
  - dBA = A-weighted sound pressure level (A scale according to IEC).
  - Reference acoustic pressure 0 dB = 20 μPa

3D111315

AZAS100MV1  
AZAS100MY1  
RZASG100MV1  
RZASG100MY1



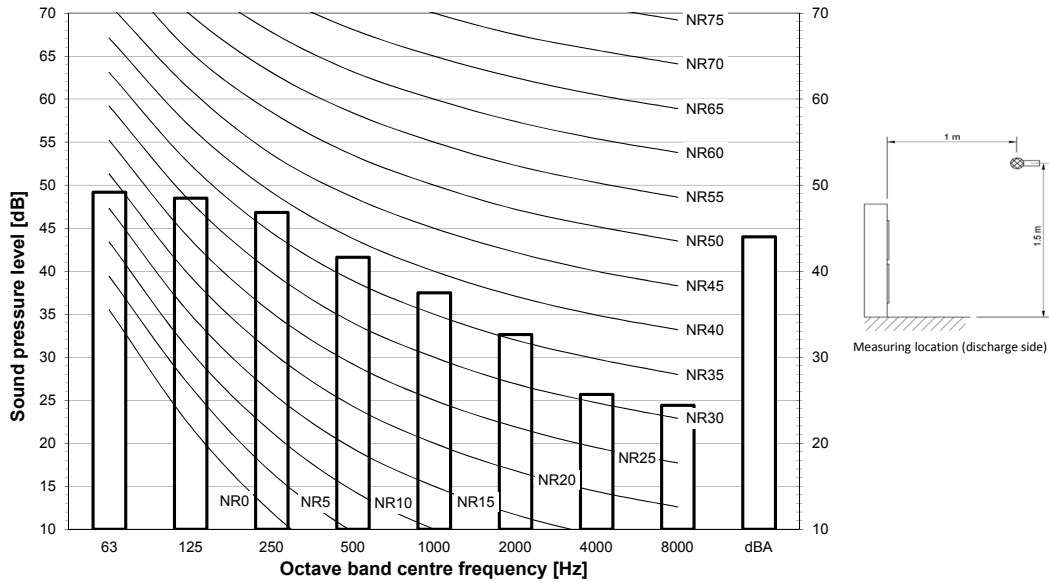
- Notes**
- Data is valid at free field condition.
  - Data is valid at nominal operation condition.
  - dBA = A-weighted sound pressure level (A scale according to IEC).
  - Reference acoustic pressure 0 dB = 20 μPa

3D111316

# 10 Sound data

## 10 - 4 Sound Pressure Spectrum Quiet Mode

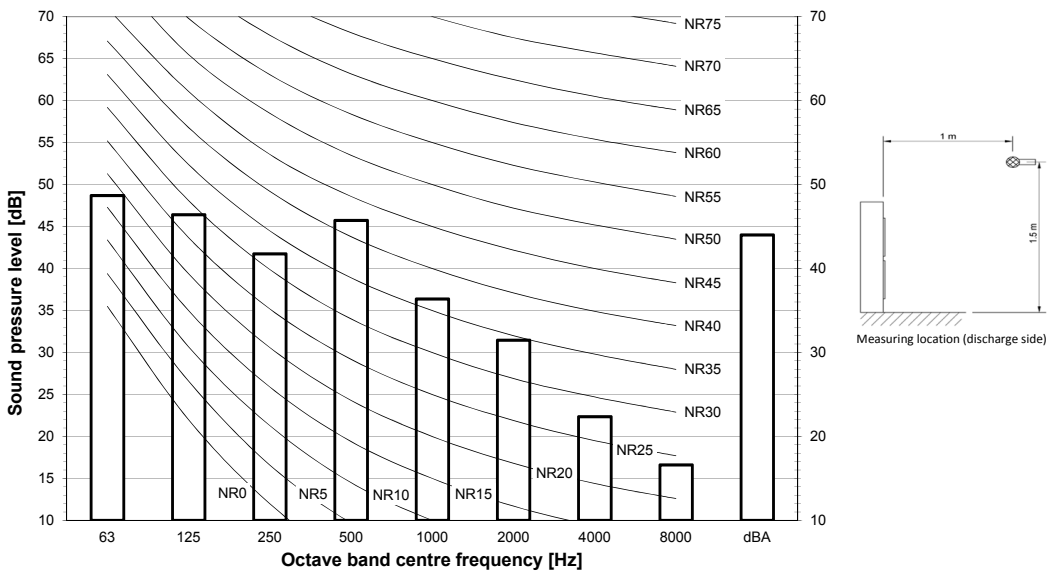
AZAS125MV1  
 AZAS125MY1  
 RZASG125MV1  
 RZASG125MY1



- Notes**
- Data is valid at free field condition.
  - Data is valid at nominal operation condition.
  - dBA = A-weighted sound pressure level (A scale according to IEC).
  - Reference acoustic pressure 0 dB = 20 μPa

3D111317

AZAS140MV1  
 AZAS140MY1  
 RZASG140MV1  
 RZASG140MY1



- Notes**
- Data is valid at free field condition.
  - Data is valid at nominal operation condition.
  - dBA = A-weighted sound pressure level (A scale according to IEC).
  - Reference acoustic pressure 0 dB = 20 μPa

3D111318

# 11 Installation

## 11 - 1 Installation Method

RZAG-MV1  
 RZAG-MY1  
 RZASG-MV1  
 RZASG-MY1  
 AZAS-MV1  
 AZAS-MY1

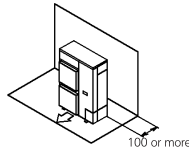
### Installation service space

The measure of these values is "mm".

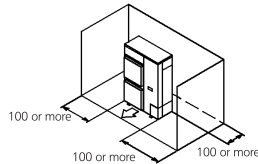
#### (A) When there are obstacles on suction sides.

● No obstacle above

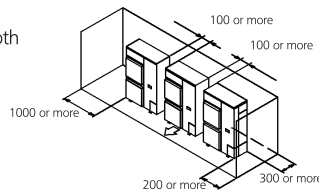
- ① Stand-alone installation
  - Obstacle on the suction side only



- Obstacle on both sides and suction side, too

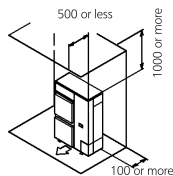


- ② Series installation (2 or more) (Note 1)
  - Obstacle on the suction side and both sides

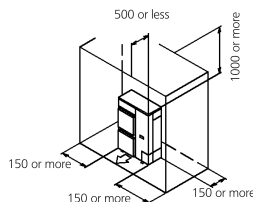


● Obstacle above, too.

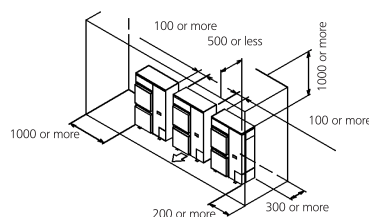
- ① Stand-alone installation
  - Obstacle on the suction side, too



- Obstacle on both sides and suction side, too



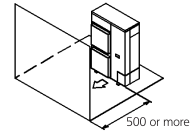
- ② Series installation (2 or more) (Note 1)
  - Obstacle on the suction side and both sides



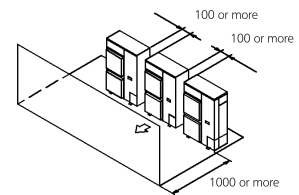
#### (B) When there are obstacles on discharge sides.

● No obstacle above

- ① Stand-alone installation
  - Obstacle on the discharge side only

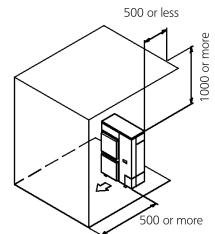


- ② Series installation (2 or more) (Note 1)
  - Obstacle on the discharge side only

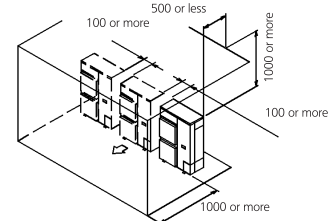


● Obstacle above, too

- ① Stand-alone installation
  - Obstacle on the discharge side only, too



- ② Series installation (2 or more) (Note 1)
  - Obstacle on the discharge side



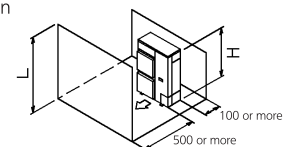
#### (C) When there are obstacles on both suction and discharge sides.:

Pattern 1

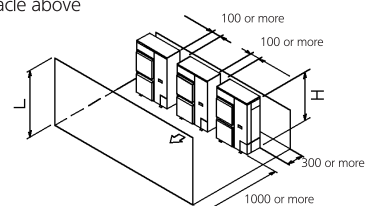
When the obstacles on the discharge side is higher than the unit. (L>H)  
 (There is no limit for the height of obstructions on the suction side.)

● No obstacle above

- ① Stand-alone installation
  - No obstacle above



- ② Series installation (2 or more) (Note 1)
  - No obstacle above



3D069554

# 11 Installation

## 11 - 1 Installation Method

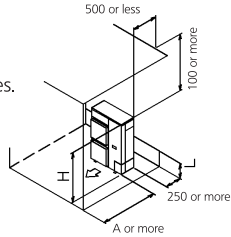
RZAG-MV1  
 RZAG-MY1  
 RZASG-MV1  
 RZASG-MY1  
 AZAS-MV1  
 AZAS-MY1

● **Obstacle above, too**

- ① Stand-alone installation (Note 2)
  - When there are obstacles on suction, discharge and top sides.

The relations between H, A and L are as follows.

	L	A
$L \leq H$	$L \leq 1/2 H$	750 or more
	$1/2 H < L \leq H$	1000 or more
$L > H$	Set the stand as : $L \leq H$ Refer to the column of $L \leq H$ for A	



- ② Series installation (2 or more) (Note 1, 2)
  - When there are obstacles on suction, discharge and top sides.

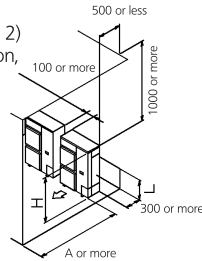
The relations between H, A and L are as follows.

	L	A
$L \leq H$	$L \leq 1/2 H$	1000 or more
	$1/2 H < L \leq H$	1250 or more
$L > H$	Set the stand as : $L \leq H$ Refer to the column of $L \leq H$ for A	

Limit of series installation is 2 units.

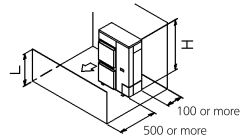
**Pattern 2**

When the obstacle on the discharge side is lower than the unit ( $L \leq H$ ) (There is no limit for the height of obstructions on the suction side.)



● **No obstacle above**

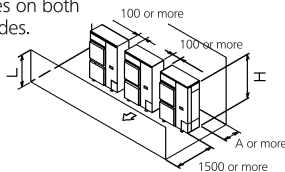
- ① Stand-alone installation
  - No obstacle above



- ② Series installation (2 or more) (Note 1, 2)
  - When there are obstacles on both suction and discharge sides.

The relations between H, A and L are as follows.

L	A
$L \leq 1/2 H$	250 or more
$1/2 H < L \leq H$	300 or more

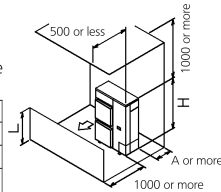


● **obstacle above**

- ① Stand-alone installation (Note 2)
  - When there are obstacles on suction, discharge and top sides.

The relations between H, A and L are as follows.

	L	A
$L \leq H$	$L \leq 1/2 H$	100 or more
	$1/2 H < L \leq H$	200 or more
$L > H$	Set the stand as : $L \leq H$ Refer to the column of $L \leq H$ for A	

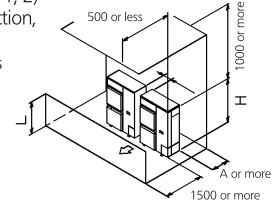


- ② Series installation (2 or more) (Note 1, 2)
  - When there are obstacles on suction, discharge and top sides.

The relations between H, A and L are as follows.

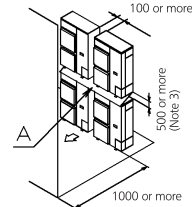
	L	A
$L \leq H$	$L \leq 1/2 H$	250 or more
	$1/2 H < L \leq H$	300 or more
$L > H$	Set the stand as : $L \leq H$ Refer to the column of $L \leq H$ for A	

Limit of series installation is 2 units.

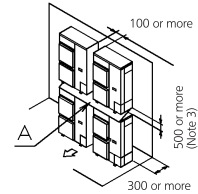


**(D) Double-decker installation**

- ① Obstacle on the discharge side. ( 1 )
  - Do not exceed two levels for stacked installation.
  - Install a roof cover similar to A (field supply), as outdoor units with downward drainage are prone to dripping and freezing.
  - Install the upper-level outdoor unit so that its bottom plate is a sufficient height above the roof cover. This is to prevent the buildup of ice on the underside of the bottom plate.

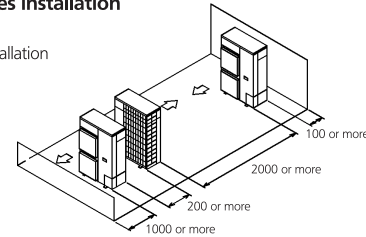


- ② Obstacle on the suction side. ( 1 )
  - Do not exceed two levels for stacked installation.
  - Install a roof cover similar to A (field supply), as outdoor units with downward drainage are prone to dripping and freezing.
  - Install the upper-level outdoor unit so that its bottom plate is a sufficient height above the roof cover. This is to prevent the buildup of ice on the underside of the bottom plate.



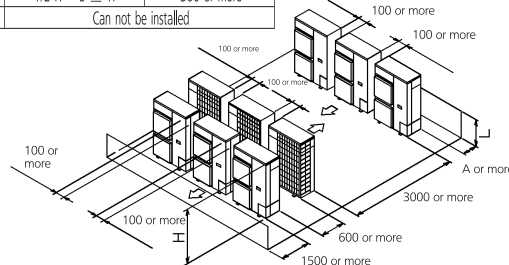
**(E) Multiple rows of series installation (on the rooftop, etc.)**

- ① One row of stand-alone installation



- ② Rows of series installation (2 or more)
  - The relations between H, A and L are as follows.

	L	A
$L \leq H$	$L \leq 1/2 H$	250 or more
	$1/2 H < L \leq H$	300 or more
$L > H$	Can not be installed	



**NOTES**

- In case of the sideways's piping, make a 100mm gap between the unit above.
- Close the bottom of the installation frame to prevent the discharged air from being bypassed.
- It is not necessary to install a roof cover if there is no danger of drainage dripping and freezing. In this case, the space between the upper and lower outdoor units should be at least 100mm. Close off the gap between the upper and lower units so there is no re intake of discharged air.

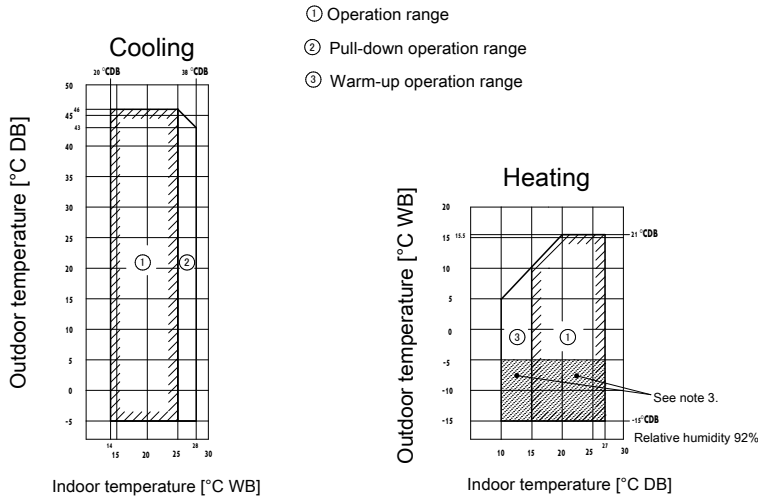


# 12 Operation range

## 12 - 1 Operation Range

**AZAS-MV1**

**AZAS-MY1**



**Notes**

1. Depending on operation and installation conditions, the indoor unit can change over to freeze-up operation (indoor de-icing).
2. To reduce the freeze-up operation (indoor de-icing) frequency, it is recommended to install the outdoor unit in a location not exposed to wind.
3. In case of high humidity conditions (> 92%) at ambient temperatures of < -5°C, a RZAG model should be used instead to avoid freeze-up of the outdoor unit.

**3D111298**

# 13 Appropriate Indoors

## 13 - 1 Appropriate Indoors

**AZAS-MV1**  
**AZAS-MY1**  
**RZAG-MV1**  
**RZASG-MV1**  
**RZASG-MY1**

**Recommended combinations**  
**ENER Lot 21**

P= Pair  
 2= Twin  
 3= Triple  
 4= Double twin

Notes

1. -ADEA\* - can only be used in combination with -AZAS\*M\*V1B-

Sky Air		High Cassette				Thin cassette				2x2 cassette		Duct (medium ESP)			Concealed floor standing type			Ceiling-mounted - 4-way blow		Wall mounted type		Duct (high ESP)												
Model		FCAHG71	FCAG100	FCAG125	FCAG140	FCAG35	FCAG50	FCAG60	FCAG71	FCAG100	FCAG125	FCAG140	FFA35	FFA50	FFA60	FBA35	FBA50	FBA60	FBA71	FBA100	FBA125	FBA140	FNA35	FNA50	FNA60	FUA71	FUA100	FUA125	FAA71	FAA100	FDA125			
RZAG125M7V1B	RZAG125M7Y1B			P		4										4																P		
RZAG140M7V1B	RZAG140M7Y1B				P	4										4																		
RZASG125M7V1B	RZASG125M7Y1B					4										4																	P	
RZASG140M7V1B	RZASG140M7Y1B					4										4																		
AZAS125M7V1B	AZAS125M7Y1B																																	
AZAS140M7V1B	AZAS140M7Y1B																																	

Sky Air		Floor standing type				Slim duct			Ceiling-suspended				Duct (medium ESP)			Floor standing type							
Model		FVA71	FVA100	FVA125	FVA140	FDX35	FDX50	FDX60	FHA35	FHA50	FHA60	FHA71	FHA100	FHA125	FHA140	ADEA35	ADEA50	ADEA60	ADEA71	ADEA100	ADEA125	AVA125	
RZAG125M7V1B	RZAG125M7Y1B			P																			
RZAG140M7V1B	RZAG140M7Y1B				P																		
RZASG125M7V1B	RZASG125M7Y1B			P																			
RZASG140M7V1B	RZASG140M7Y1B				P																		
AZAS125M7V1B	AZAS125M7Y1B																					P	P
AZAS140M7V1B	AZAS140M7Y1B																						

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**AZAS-MV1**  
**AZAS-MY1**  
**RZAG-MV1**  
**RZASG-MV1**  
**RZASG-MY1**

**ENER Lot 21**  
**Appropriate indoor units**

Connectable to -RZAG125M7V1B / RZAG125M7Y1B- and covered by -ENER Lot 21-

FCAHG125	FCAG35	FFA35	FBA35	FNA35	FUA125	-	-	FDA125	FVA125	FDX35	FHA35	-	-
-	FCAG50	FFA50	FBA50	FNA50	-	-	-	-	-	FDX50	FHA50	-	-
-	FCAG60	FFA60	FBA60	FNA60	-	-	-	-	-	FDX60	FHA60	-	-
-	FCAG125	-	FBA125	-	-	-	-	-	-	-	FHA125	-	-

Connectable to -RZASG125M7V1B / RZASG125M7Y1B- and covered by -ENER Lot 21-

-	FCAG35	FFA35	FBA35	FNA35	FUA125	-	-	FDA125	FVA125	FDX35	FHA35	-	-
-	FCAG50	FFA50	FBA50	FNA50	-	-	-	-	-	FDX50	FHA50	-	-
-	FCAG60	FFA60	FBA60	FNA60	-	-	-	-	-	FDX60	FHA60	-	-
-	FCAG125	-	FBA125	-	-	-	-	-	-	-	FHA125	-	-

Connectable to -AZAS125M7V1B / AZAS125M7Y1B- and covered by -ENER Lot 21-

-	FCAG125	-	FBA125	-	-	-	-	-	-	-	-	AVA125	ADEA125
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Connectable to -RZAG140M7V1B / RZAG140M7Y1B- and covered by -ENER Lot 21-

FCAHG140	FCAG35	FFA35	FBA35	FNA35	FUA71	FAA71	-	-	FVA71	FDX35	FHA35	-	-
-	FCAG50	FFA50	FBA50	FNA50	-	-	-	-	FVA140	FDX50	FHA50	-	-
-	FCAG71	-	FBA71	-	-	-	-	-	-	-	FHA71	-	-
-	FCAG140	-	FBA140	-	-	-	-	-	-	-	FHA140	-	-

Connectable to -RZASG140M7V1B / RZASG140M7Y1B- and covered by -ENER Lot 21-

-	FCAG35	FFA35	FBA35	FNA35	FUA71	FAA71	-	-	FVA71	FDX35	FHA35	-	-
-	FCAG50	FFA50	FBA50	FNA50	-	-	-	-	FVA140	FDX50	FHA50	-	-
-	FCAG71	-	FBA71	-	-	-	-	-	-	-	FHA71	-	-
-	FCAG140	-	FBA140	-	-	-	-	-	-	-	FHA140	-	-

Connectable to -AZAS140M7V1B / AZAS140M7Y1B- and covered by -ENER Lot 21-

-	FCAG140	-	FBA140	-	-	-	-	-	-	-	-	-	-
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**ENER Lot 10**  
**Appropriate indoor units**

Connectable to -RZAG71M7V1B / RZAG71M7Y1B- and covered by -ENER Lot 10-

FCAHG71	FCAG35	FFA35	FBA35	FNA35	FUA71	FAA71	-	-	FVA71	FDX35	FHA35	-	-
-	FCAG71	-	FBA71	-	-	-	-	-	-	-	FHA71	-	-

Connectable to -RZASG71M2V1B- and covered by -ENER Lot 10-

-	FCAG35	FFA35	FBA35	FNA35	FUA71	FAA71	-	-	FVA71	FDX35	FHA35	-	-
-	FCAG71	-	FBA71	-	-	-	-	-	-	-	FHA71	-	-

Connectable to -AZAS71M2V1B- and covered by -ENER Lot 10-

-	FCAG71	-	FBA71	-	-	FAA71	-	-	-	-	-	-	ADEA71
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Connectable to -RZAG100M7V1B / RZAG100M7Y1B- and covered by -ENER Lot 10-

FCAHG100	FCAG35	FFA35	FBA35	FNA35	FUA100	FAA100	-	-	FVA100	FDX35	FHA35	-	-
-	FCAG50	FFA50	FBA50	FNA50	-	-	-	-	-	FDX50	FHA50	-	-
-	FCAG100	-	FBA100	-	-	-	-	-	-	-	FHA100	-	-

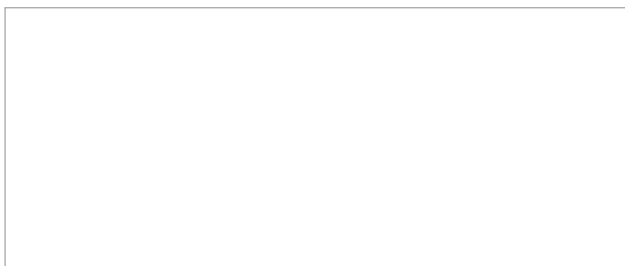
Connectable to -RZASG100M7V1B / RZASG100M7Y1B- and covered by -ENER Lot 10-

-	FCAG35	FFA35	FBA35	FNA35	FUA100	FAA100	-	-	FVA100	FDX35	FHA35	-	-
-	FCAG50	FFA50	FBA50	FNA50	-	-	-	-	-	FDX50	FHA50	-	-
-	FCAG100	-	FBA100	-	-	-	-	-	-	-	FHA100	-	-

Connectable to -AZAS100M7V1B / AZAS100M7Y1B- and covered by -ENER Lot 10-

-	FCAG100	-	FBA100	-	-	FAA100	-	-	-	-	-	-	ADEA100
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