

Air Conditioning
Technical Data

AZAS-MV1



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AZAS-MV1

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1 Features

Ideal solution for busy environments and small shops

- 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



Auto cooling-
heating
changeover

2 Specifications

2-1 Capacity and Power input				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	
	A Condition (35°C - 27/19)	Pdc	kW	6.80	9.50	12.10	13.00	
		EERd		3.14	3.26	2.29	2.63	
		Power input	kW	2.17	2.92	5.28	4.95	
	B Condition (30°C - 27/19)	Pdc	kW	5.10	7.00	8.92	9.58	
		EERd		4.35	4.61	4.03	4.50	
		Power input	kW	1.17	1.52	2.21	2.13	
	C Condition (25°C - 27/19)	Pdc	kW	3.40	4.50	5.74	6.16	
		EERd		7.47	6.54	6.31	7.01	
		Power input	kW	0.46	0.69	0.91	0.88	
	D Condition (20°C - 27/19)	Pdc	kW	2.89	3.11	3.18	3.74	
		EERd		11.12	9.38	9.82	10.84	
		Power input	kW	0.26	0.33	0.32	0.35	
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				
	TOL	Tol (temperature operating limit)	°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
	TBivalent	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
	A Condition (-7°C)	Pdh (declared heating cap)	kW	3.98	5.31	5.30	6.90	
			COPd (declared COP)		2.31	2.54	2.61	2.60
			Power input	kW	1.72	2.09	2.03	2.65
	B Condition (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 Condition (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 Condition (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
	Cooling	Cdc (Degradation cooling)			0.25			
	Heating	Cdh (Degradation heating)			0.25			
	Cooling function included				Yes			
Heating function included				Yes				
Average climate included				Yes				

2 Specifications

2-1 Capacity and Power input					FCAG71B/AZAS71MV1	FCAG100B/AZAS100MV1	FCAG125B/AZAS125MV1	FCAG140B/AZAS140MV1
Cold season included					No			
Warm season included					No			
Ecolabel logo					No			
Power consumption in other than active mode	Off mode	Cooling	POFF	kW	0.012			
		Heating	POFF	kW	0.012			
	Standby mode	Cooling	PSB	kW	0.012			
		Heating	PSB	kW	0.012			
	Thermostat-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	

Notes

(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

2-2 Capacity and Power input				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
	A Condition (35°C - 27/19)	Pdc	kW	6.80	9.50	12.10	13.00
		EERd		3.60	3.20	2.30	2.72
		Power input		1.89	2.97	5.26	4.78
	B Condition (30°C - 27/19)	Pdc	kW	5.02	7.00	8.92	9.58
		EERd		4.66	4.53	3.82	4.41
		Power input		1.08	1.54	2.33	2.17
	C Condition (25°C - 27/19)	Pdc	kW	3.23	4.50	5.74	6.16
		EERd		6.89	6.19	5.60	6.49
		Power input		0.47	0.73	1.02	0.95
	D Condition (20°C - 27/19)	Pdc	kW	2.92	3.10	3.17	3.97
		EERd		8.68	7.58	7.68	8.24
		Power input		0.34	0.41		0.48

2 Specifications

2-2 Capacity and Power input					FBA71A9/AZAS71MV1	FBA100A/AZAS100MV1	FBA125A/AZAS125MV1	FBA140A/AZAS140MV1	
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					
	TOL	Tol (temperature operating limit)	°C	-10					
		Pdh (declared heating cap)	kW	4.50	6.00		7.80		
		COPd (declared COP)		2.26	2.42	2.45	2.06		
		Power input	kW	1.99	2.47	2.45	3.78		
	TBivalent	Tbiv (bivalent temperature)	°C	-10					
		Pdh (declared heating cap)	kW	4.50	6.00		7.80		
		COPd (declared COP)		2.26	2.42	2.45	2.06		
		Power input	kW	1.99	2.47	2.45	3.78		
	A Condition (-7°C)	Pdh (declared heating cap)	kW	3.98	5.31	5.30	6.90		
		COPd (declared COP)		2.53	2.66	2.46			
		Power input	kW	1.57	1.99	2.81			
	B Condition (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 Condition (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 Condition (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		
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				
Power consumption in other than active mode	Off mode	Cooling	POFF	kW	0.014				
		Heating	POFF	kW	0.014				
	Standby mode	Cooling	PSB	kW	0.014				
		Heating	PSB	kW	0.014				
	Thermostat-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 application)	Back-up capacity	Heating	elbu	kW	-		0.0		

2 Specifications

Notes

(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

2-3 Capacity and Power input				FAA71A/AZAS71MV1	FAA100A/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	633
	A Condition (35°C - 27/19)	Pdc	kW	6.80	9.50
		EERd		3.40	2.70
		Power input	kW	2.00	3.52
	B Condition (30°C - 27/19)	Pdc	kW	5.02	7.00
		EERd		4.67	4.29
		Power input	kW	1.08	1.63
	C Condition (25°C - 27/19)	Pdc	kW	3.23	4.50
		EERd		7.02	6.05
		Power input	kW	0.46	0.74
	D Condition (20°C - 27/19)	Pdc	kW	2.84	3.00
		EERd		9.83	9.03
		Power input	kW	0.29	0.33

2 Specifications

2-3 Capacity and Power input					FAA71A/AZAS71MV1		FAA100A/AZAS100MV1			
Space heating (Average climate)	Energy efficiency class				A					
	Capacity	Pdesign	kW		4.50		6.00			
	SCOP/A				3.81					
	SCOPnet/A				3.81					
	Annual energy consumption		kWh/a		1,654		2,205			
	Required back up heating cap at design conditions		kW		0.00					
	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	
	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	
	A Condition (-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 Condition (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 Condition (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 Condition (12°C)	Pdh (declared heating cap)	kW	2.39		2.52				
				COPd (declared COP)		6.46				
				Power input		kW		0.37		0.39
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					
Power consumption in other than active mode	Off mode	Cooling	POFF	kW	0.012					
		Heating	POFF	kW	0.012					
	Standby mode	Cooling	PSB	kW	0.012					
		Heating	PSB	kW	0.012					
	Thermostat-off mode	Cooling	PTO	kW	0.000					
		Heating	PTO	kW	0.012					

Notes

(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

2 Specifications

2-4 Capacity and Power input				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
			Btu/h	23,200	32,400	41,300
			kcal/h	5,847	8,169	10,404
Heating capacity	Nom.		kW	7.50	10.80	13.50
			Btu/h	25,600	36,900	46,100
			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
Space cooling	Energy efficiency class			A		-
	Capacity	Pdesign	kW	6.80	9.50	12.10
	SEER			5.44	5.13	4.73
	η _{s,c}		%	-		186
	Annual energy consumption		kWh/a	437	648	1,534
	A Condition (35°C - 27/19)	P _{dc}	kW	6.80	9.50	12.10
		EER _d		3.27	3.20	2.27
		Power input	kW	2.08	2.97	5.33
	B Condition (30°C - 27/19)	P _{dc}	kW	5.02	7.00	8.92
		EER _d		4.59	4.42	3.72
		Power input	kW	1.09	1.58	2.40
	C Condition (25°C - 27/19)	P _{dc}	kW	3.23	4.50	5.74
		EER _d		6.79	6.03	5.46
		Power input	kW	0.48	0.75	1.05
	D Condition (20°C - 27/19)	P _{dc}	kW	2.92	3.10	3.17
		EER _d		8.56	7.39	7.49
		Power input	kW	0.34	0.42	

2 Specifications

2-4 Capacity and Power input					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°			kW	4.50		6.00			
	Annual energy consumption			kWh/a	1,654		2,206		2,399	
	Required back up heating cap at design conditions			kW	0.00					
	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		kW	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		kW	1.99		2.48		2.45	
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.98		5.31		5.30	
		COPd (declared COP)			2.53		2.66			
		Power input		kW	1.57		2.00		1.99	
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.42		3.23			
		COPd (declared COP)			3.91		3.73		3.45	
		Power input		kW	0.62		0.87		0.94	
	C Condition (7°C)	Pdh (declared heating cap)		kW	2.06		2.26		2.27	
		COPd (declared COP)			4.79		4.78		4.11	
		Power input		kW	0.43		0.47		0.55	
	D Condition (12°C)	Pdh (declared heating cap)		kW	2.43		2.57		2.66	
		COPd (declared COP)			5.88		5.64		5.03	
		Power input		kW	0.41		0.46		0.53	
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					
Nominal efficiency	EER				3.27		3.20		2.27	
	COP				3.62		4.63		3.89	
Power consumption in other than active mode	Off mode	Cooling	POFF	kW	0.014					
		Heating	POFF	kW	0.014					
	Standby mode	Cooling	PSB	kW	0.014					
		Heating	PSB	kW	0.014					
	Thermostat-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	

2 Specifications

Notes

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.

2-5 Technical Specifications					AZAS71MV1		AZAS100MV1		AZAS125MV1		AZAS140MV1		
Capacity control	Method				Inverter controlled								
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	Type			WF fin								
		Treatment			Anti-corrosion treatment (PE)								
Compressor	Quantity				1								
	Type				Hermetically sealed swing compressor								
Fan	Type				Propeller								
	Discharge direction				Horizontal								
	Quantity				1								
	Air flow rate	Cooling	Nom.	m³/min		56		69		71		76	
		Heating	Nom.	m³/min		50		82					
Fan motor	Quantity				1								
	Model				Brushless DC motor								
	Output			W		94		200					
	Drive				Direct drive								
Sound power level	Cooling			dBA		65		70		71		73	
	Heating			dBA		-				71 (1)		73 (1)	
Sound pressure level	Cooling	Nom.		dBA		46		53				54	
	Heating	Nom.		dBA		47		57					
Operation range	Cooling	Ambien t	Min.	°CDB		-5							
			Max.	°CDB		46							
	Heating	Ambien t	Min.	°CWB		-15							
			Max.	°CWB		15.5							
Refrigerant	Type				R-32								
	Charge			kg	2.45		2.60				2.90		
				TCO ₂ eq	1.65		1.76				1.96		
	Control				Expansion valve (electronic type)								
	GWP				675								
	Circuits	Quantity			1								

2 Specifications

2-5 Technical Specifications				AZAS71MV1	AZAS100MV1	AZAS125MV1	AZAS140MV1
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		
			Chargel ess	m	30		
	Additional refrigerant charge			kg/m	See installation manual		
	Level difference	IU - OU	Max.	m	30.0		
IU - IU		Max.	m	0.5			
Heat insulation			Both liquid and gas pipes				
Refrigerant oil	Type			FW68DA			
	Charged volume		l	0.90		1.35	
Defrost method				Reversed cycle			
Defrost control				Sensor for outdoor heat exchanger temperature			
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;

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

2-6 Electrical Specifications			AZAS71MV1	AZAS100MV1	AZAS125MV1	AZAS140MV1
Power supply	Name		V1			
	Phase		1~			
	Frequency	Hz	50			
	Voltage	V	220-240			
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25	32	
Current	Zmax	List	Complies to EN61000-3-11			
	Minimum Ssc value	kVa	Equipment complying with EN / IEC 61000-3-12 / (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			

Notes

(1) According to ENER Lot 21

(2) 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.

(3) 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.

3 Electrical data

3 - 1 Electrical Data

AZAS-MV1

AZAS-MY1

RZAG-MV1

RZAG-MY1

RZASG-MV1

RZASG-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

1. 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

2. ·TOCA· is the total value of each overcurrent set.

3. 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.

4. The maximum allowable voltage that is unbalanced between phases is ·2%.

5. ·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.

6. Select the wire size according to the MCA.

7. ·MFA· is used to select the circuit breaker and the ground fault circuit interruptor.

Earth leakage circuit breaker

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AZAS-MV1

AZAS-MY1

Indoor	Outdoor	Power supply	Voltage range		MCA	TOCA	MFA	Compressor		OFM		IFM	
								MSC	RLA	kW	FLA	kW	FLA
FCAG71BVEB	AZAS71M2V1B	50Hz ~ 220-240V	Minimum: ·198 V· Maximum: ·264 V·		17,4	—	20	—	15,4	0,094	0,9	0,054	0,4
FBA71A2VEB	AZAS71M2V1B				17,5	—	20	—	15,4	0,094	0,9	0,070	0,5
FAA71AUVEB	AZAS71M2V1B				17,4	—	20	—	15,4	0,094	0,9	0,048	0,4
ADEA71A2VEB	AZAS71M2V1B				17,5	—	20	—	15,4	0,094	0,9	0,070	0,5
FCAG100BVEB	AZAS100M7V1B				21,5	—	25	—	19,0	0,200	1,0	0,117	0,7
FBA100A2VEB	AZAS100M7V1B				21,8	—	25	—	19,0	0,200	1,0	0,127	1,0
FAA100AUVEB	AZAS100M7V1B				21,2	—	25	—	19,0	0,200	1,0	0,064	0,4
ADEA100A2VEB	AZAS100M7V1B				21,8	—	25	—	19,0	0,200	1,0	0,127	1,0
FCAG125BVEB	AZAS125M7V1B				27,8	—	32	—	24,7	0,200	1,0	0,168	1,0
FBA125A2VEB	AZAS125M7V1B				28,3	—	32	—	24,7	0,200	1,0	0,187	1,5
ADEA125A2VEB	AZAS125M7V1B				28,3	—	32	—	24,7	0,200	1,0	0,187	1,5
FCAG140BVEB	AZAS140M7V1B				27,0	—	32	—	24,0	0,200	1,0	0,168	1,0
FBA140A2VEB	AZAS140M7V1B				27,6	—	32	—	24,0	0,200	1,0	0,187	1,5
FCAG100BVEB	AZAS100M7Y1B	3N~ 50Hz 380-415V	Minimum: ·342 V· Maximum: ·456 V·		14,2	—	16	—	12,0	0,200	1,0	0,117	0,7
FBA100A2VEB	AZAS100M7Y1B				14,6	—	16	—	12,0	0,200	1,0	0,127	1,0
FAA100AUVEB	AZAS100M7Y1B				13,9	—	16	—	12,0	0,200	1,0	0,064	0,4
FCAG125BVEB	AZAS125M7Y1B				14,6	—	16	—	12,0	0,200	1,0	0,168	1,0
FBA125A2VEB	AZAS125M7Y1B				15,1	—	16	—	12,0	0,200	1,0	0,187	1,5
FCAG140BVEB	AZAS140M7Y1B				14,6	—	16	—	12,0	0,200	1,0	0,168	1,0
FBA140A2VEB	AZAS140M7Y1B				15,1	—	16	—	12,0	0,200	1,0	0,187	1,5

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4 Combination table

4 - 1 Combination Table

AZAS-MV1

AZAS-MY1

RZAG-MV1

RZAG-MY1

RZASG-MV1

RZASG-MY1

Possible combinations

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

(*): 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	FCAG35BVEB	FCAG50BVEB	FCAG60BVEB	FCAG71BVEB	FCAG100BVEB	FCAG125BVEB	FCAG140BVEB	FFA35A2VEB9	FFA50A2VEB9	FFA60A2VEB9	FBAS35A2VEB9	FBAS50A2VEB9	FBAS60A2VEB9	FBAT7A2VEB9	FBAT10A2VEB	FBAT125A2VEB	FBAT140A2VEB	FNA35A2VEB9	FNA50A2VEB9	FNA60A2VEB9	FUA71AVEB	FUA100AVEB	FUA125AVEB	FAA71AUEB	FAA100AUEB	FDA125A5VEB
RZAG71M7V1B	RZAG71M7Y1B	P			2			P				2			2			P				2			2		P			
RZAG100M7V1B	RZAG100M7Y1B		P		3	2		P				3	2		3	2	P	P				3	2			P			P	
RZAG125M7V1B	RZAG125M7Y1B			P	4	3	2		P			4	3	2	4	3	2		P			4	3	2			P			P
RZAG140M7V1B	RZAG140M7Y1B	2			P	4	3	2		P		4	3	3	4	3	2		P			4	3	3			2			P
RZASG71M2V1B					2			P				2			2		P					2				P			P	
RZASG100M7V1B	RZASG100M7Y1B				3	2		P				3	2		3	2	P					3	2			P			P	
RZASG125M7V1B	RZASG125M7Y1B				4	3	2		P			4	3	2	4	3	2		P			4	3	2			P			P
RZASG140M7V1B	RZASG140M7Y1B				4	3	2			P		4	3	3	4	3	2		P			4	3	3			2			P
AZAS71M2V1B								P									P											P		
AZAS100M7V1B	AZAS100M7Y1B								P								P											P		P
AZAS125M7V1B	AZAS125M7Y1B								P									P												
AZAS140M7V1B	AZAS140M7Y1B									P									P											

Sky Air	Floor standing type				Slim duct		Ceiling-suspended				Duct (medium ESP)					
Model	FVA71AMVEB	FVA100AMVEB	FVA125AMVEB	FVA140AMVEB	FDXMS5F3V/B9	FDXMS6F3V/B9	FHA50AVEB9	FHA63AVEB9	FHA60AVEB9	FHA71AVEB9	FHA100AVEB	FHA125AVEB	FHA140AVEB	ADEA71A2VEB	ADEA100A2VEB	ADEA125A2VEB
RZAG71M7V1B	RZAG71M7Y1B	P			2		2		P							
RZAG100M7V1B	RZAG100M7Y1B		P		3	2	3	2		P						
RZAG125M7V1B	RZAG125M7Y1B			P	4	3	2	4	3	2		P				
RZAG140M7V1B	RZAG140M7Y1B	2			P	4	3	4	3	2			P			
RZASG71M2V1B		P			2		2		P							
RZASG100M7V1B	RZASG100M7Y1B		P		3	2	3	2		P						
RZASG125M7V1B	RZASG125M7Y1B			P	4	3	2	4	3	2		P				
RZASG140M7V1B	RZASG140M7Y1B	2			P	4	3	4	3	2			P			
AZAS71M2V1B														P		
AZAS100M7V1B	AZAS100M7Y1B														P	
AZAS125M7V1B	AZAS125M7Y1B															P
AZAS140M7V1B	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)58T
 - Triple : KHRQ(M)58H
 - Double twin : KHRQ(M)58T
- ADEA*A2VEB: can only be used in combination with ·AZAS*M*V1B·

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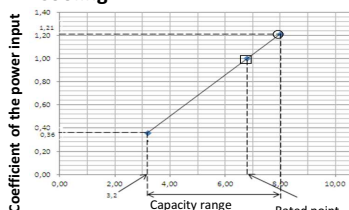
5 Capacity tables

5 - 1 Cooling/Heating Capacity Tables

AZAS71MV1

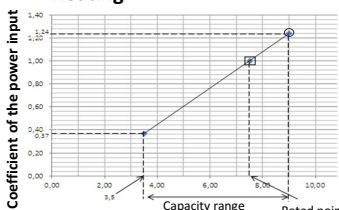
AZAS71MY1

Cooling



Cooling capacity [kW]

Heating



Heating capacity [kW]

Symbols

- AFR: Air flow rate [m³/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

		Outdoor temperature (°C DB)											
		25			30			35			40		
Indoor		TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI
°CWB	°CDB	kW	kW		kW	kW		kW	kW		kW	kW	
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	8.00	5.18	1.21	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	8.90	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

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 (m³/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.

Heating

		Outdoor temperature (°C WB)											
		-15			-10			-5			0		
Indoor		TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI
°CDB	°CWB	kW	kW		kW	kW		kW	kW		kW	kW	
16	5.14	0.89	5.68	0.94	6.22	0.98	6.75	1.03	8.02	1.08	9.72	1.13	
18	5.14	0.92	5.67	0.97	6.21	1.02	6.74	1.07	8.01	1.12	9.70	1.18	
20	5.13	0.96	5.67	1.01	6.20	1.06	6.73	1.11	8.00	1.17	9.69	1.23	
21	5.13	0.98	5.66	1.03	6.20	1.08	6.73	1.13	8.00	1.19	9.69	1.25	
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	5.12	1.03	5.65	1.09	6.19	1.14	6.72	1.20	8.98	1.26	9.66	1.32	

Pair

	FCAG71B	FAA71A	FBA71A	ADEA71A
AFR	15.3	18.0	18.0	18.0
(BF)	(0.14)	(0.16)	(0.13)	(0.13)

Pair

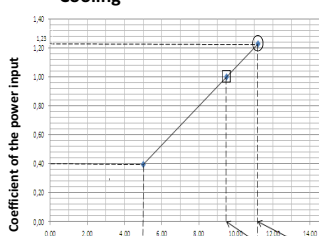
	FCAG71B	FAA71A	FBA71A	ADEA71A
Cooling	2.17	2.00	1.89	2.08
Heating	2.02	2.18	2.01	2.07

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AZAS100MV1

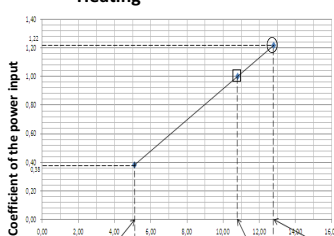
AZAS100MY1

Cooling



Cooling capacity [kW]

Heating



Heating capacity [kW]

Symbols

- AFR: Air flow rate [m³/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

		Outdoor temperature (°C DB)											
		25			30			35			40		
Indoor		TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI
°CWB	°CDB	kW	kW		kW	kW		kW	kW		kW	kW	
16.0	22	11.2	7.91	1.01	10.8	7.44	1.11	10.5	7.28	1.22	10.1	7.09	1.32
18.0	25	11.9	7.99	1.01	11.4	7.49	1.12	11.0	7.27	1.23	10.5	7.09	1.33
18.0	27	12.0	7.97	1.02	11.6	7.44	1.12	11.2	7.26	1.23	10.8	7.04	1.33
19.5	27	12.1	7.99	1.02	11.7	7.47	1.13	11.4	7.24	1.23	10.9	7.04	1.34
22.0	30	12.8	7.82	1.02	12.4	7.36	1.13	11.9	7.16	1.24	11.5	7.03	1.35
24.0	32	13.3	7.42	1.03	12.8	7.27	1.14	12.4	7.06	1.25	12.0	6.91	1.36

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 (m³/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.

Heating

		Outdoor temperature (°C WB)											
		-15.0			-10.0			-6.0			0.0		
Indoor		TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI
°CDB	°CWB	kW	kW		kW	kW		kW	kW		kW	kW	
16	8.68	0.93	9.45	0.99	10.1	1.02	10.4	1.06	12.8	1.12	13.8	1.18	
18	8.67	0.97	9.44	1.02	10.0	1.07	10.3	1.10	12.8	1.17	13.8	1.23	
20	8.66	1.01	9.43	1.07	10.0	1.11	10.3	1.14	12.8	1.22	13.8	1.28	
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	8.65	1.04	9.42	1.10	10.0	1.14	10.3	1.18	12.8	1.26	13.8	1.32	
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	

Pair

	FCAG100B	FAA100A	FBA100A	ADEA100A
AFR	22.8	26.0	29.0	29.0
(BF)	(0.17)	(0.10)	(0.03)	(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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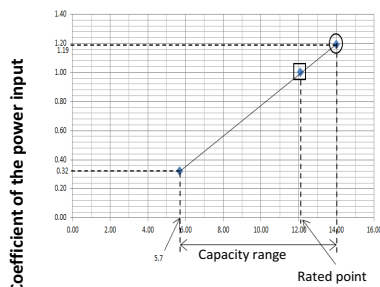
5 Capacity tables

5 - 1 Cooling/Heating Capacity Tables

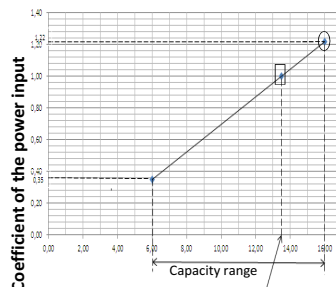
AZAS125MV1

AZAS125MY1

Cooling



Heating



Symbols

- AFR: Air flow rate [m³/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 capacity [kW]

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	14.30	9.54	0.97	13.60	9.30	1.08	13.10	9.12	1.18	12.60	8.78	1.28
18.0	25	14.70	9.50	0.97	14.20	9.32	1.08	13.70	9.09	1.19	13.20	8.83	1.30
19.0	27	15.00	9.52	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	9.52	0.99	14.70	9.36	1.09	14.20	9.08	1.19	13.60	8.89	1.30
22.0	30	16.00	9.38	0.99	15.50	9.14	1.09	14.90	8.95	1.20	14.40	8.74	1.31
24.0	32	16.70	9.31	1.00	16.10	9.09	1.11	15.50	8.83	1.21	15.00	8.63	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 (m³/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.

Heating capacity [kW]

Indoor		Outdoor temperature (°C WB)											
		-15.0			-10.0			-5.0			0.0		
°CDB	°CWB	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	1.23
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	1.28
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	1.33
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	1.36
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	1.38
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	1.43

Pair

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

Pair

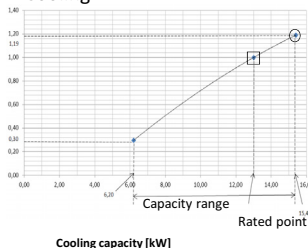
	FCAG125B	AVA125A	FBA125A	ADEA125A
Cooling	5,28	5,11	5,26	5,33
Heating	3,15	3,64	3,37	3,47

3D112150C

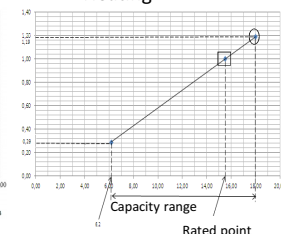
AZAS140MV1

AZAS140MY1

Cooling



Heating



Symbols

- AFR: Air flow rate [m³/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		
°CWB	°CDB	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI
16.0	22	15.2	10.47	0.98	14.9	10.25	1.08	14.4	10.03	1.18	13.9	9.89	1.28
18.0	25	15.6	10.56	0.98	15.6	10.21	1.08	15.1	10.09	1.19	14.5	9.71	1.30
19.0	27	15.8	10.63	0.99	16.0	10.19	1.09	15.4	9.98	1.19	14.9	9.76	1.30
19.5	27	16.2	10.49	0.99	16.1	10.16	1.10	15.6	10.00	1.19	15.0	9.66	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	9.60	1.31
24.0	32	18.4	10.20	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		
°CDB	°CWB	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI
16	11.6	0.91	12.7	0.97	13.6	1.00	13.9	1.03	18.0	1.09	19.4	1.16	1.21
18	11.6	0.95	12.7	1.00	13.6	1.04	13.9	1.07	18.0	1.14	19.4	1.21	1.26
20	11.6	0.99	12.7	1.05	13.5	1.09	13.9	1.11	18.0	1.19	19.4	1.26	1.31
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	1.33
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	1.35
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	1.40

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 = HC + SHC*
 SHC* = ·SHC: correction for other dry-bulb temperatures
 = 0.02 x AFR (m³/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.

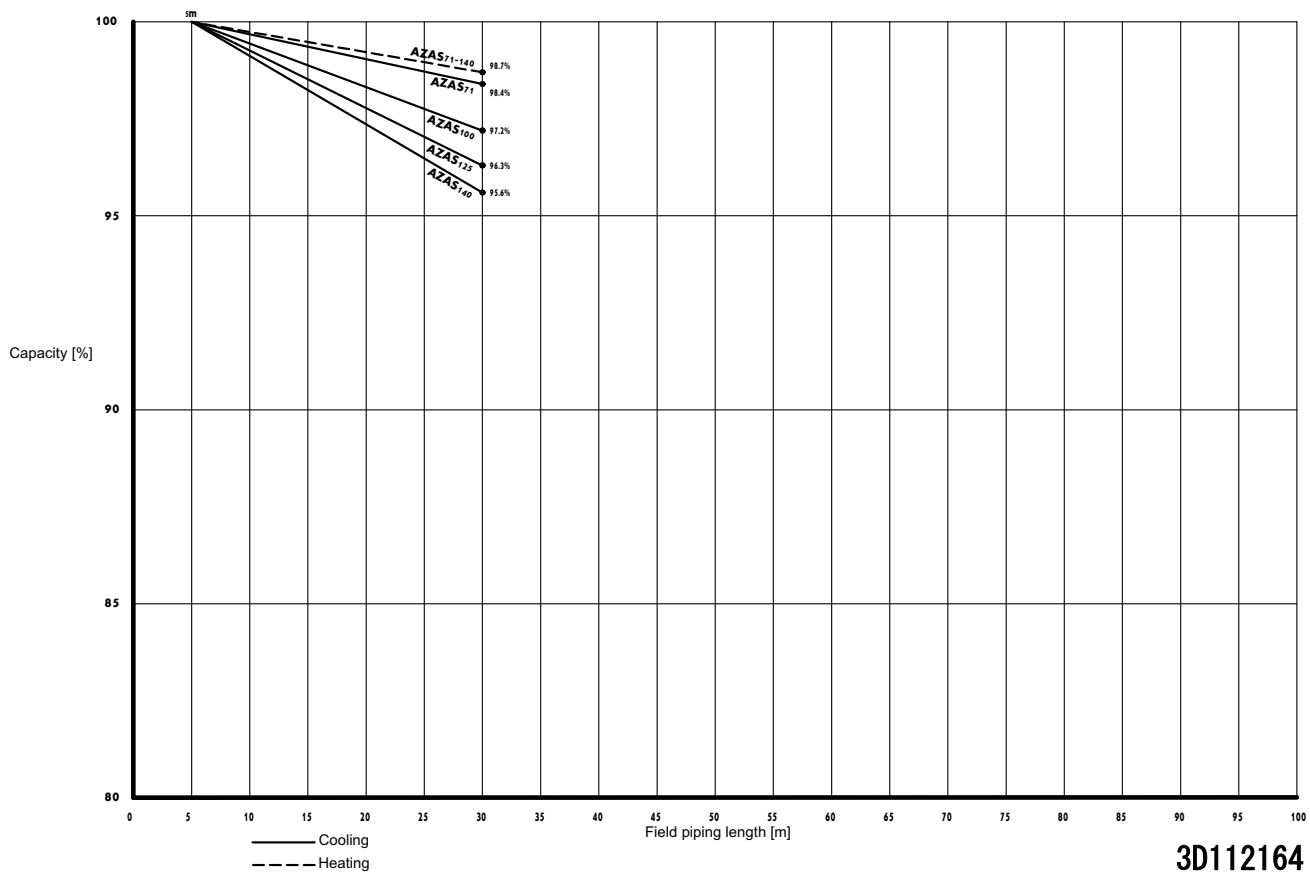
3D112151B

5 Capacity tables

5 - 2 Capacity Correction Factor

AZAS-MV1
AZAS-MY1

Capacity in function of field piping length



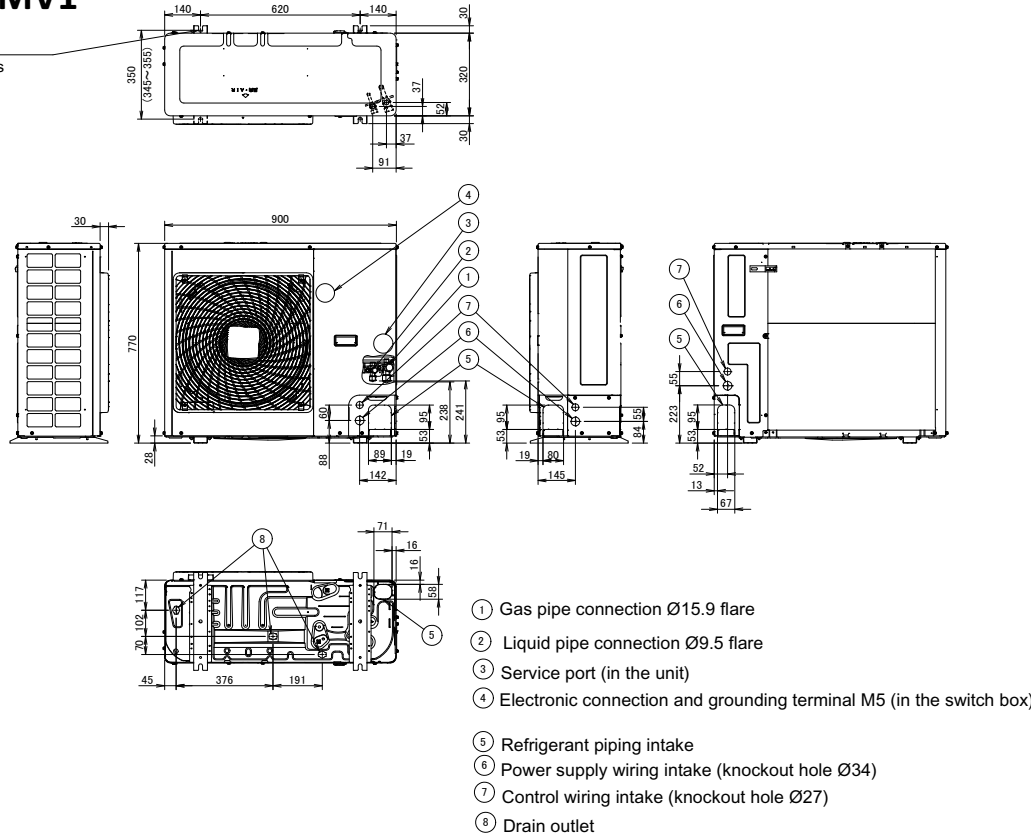
6 Dimensional drawings

6 - 1 Dimensional Drawings

AZAS71MV1

RZASG71MV1

4 holes for anchor bolts
M12



3D110013

AZAS100-140MV1

AZAS-MY1

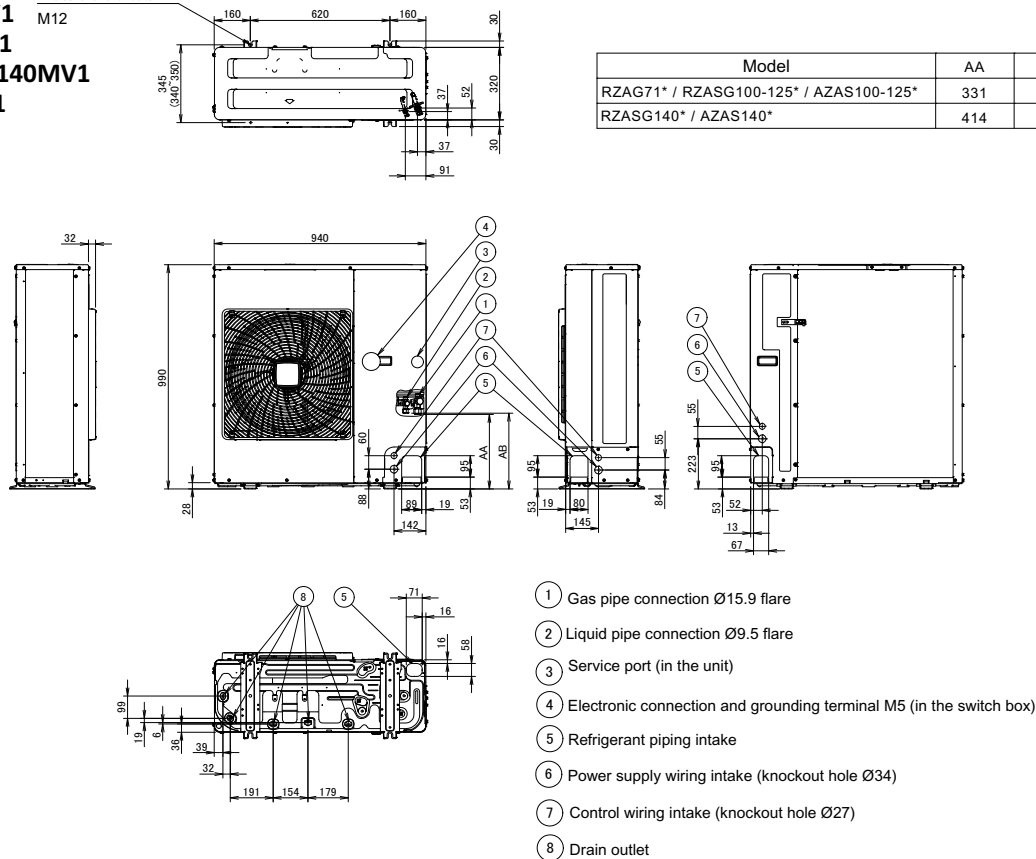
RZAG71MV1

RZAG71MY1

RZASG100-140MV1

RZASG-MY1

4 holes for anchor bolts
M12

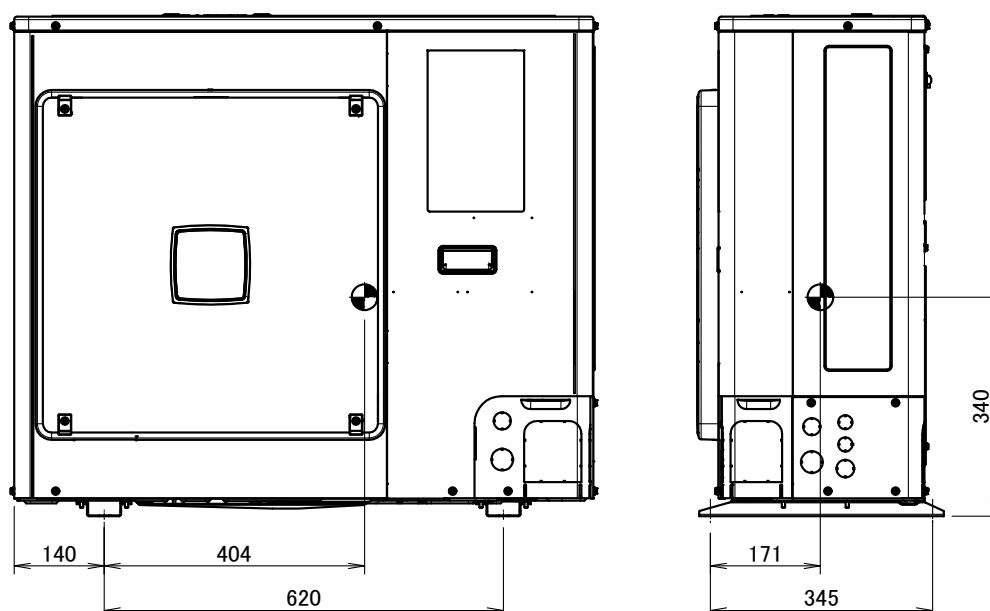


3D110011

7 Centre of gravity

7 - 1 Centre of Gravity

AZAS71MV1
RZASG71MV1



4D110027

7 Centre of gravity

7 - 1 Centre of Gravity

AZAS100-140MV1

AZAS-MY1

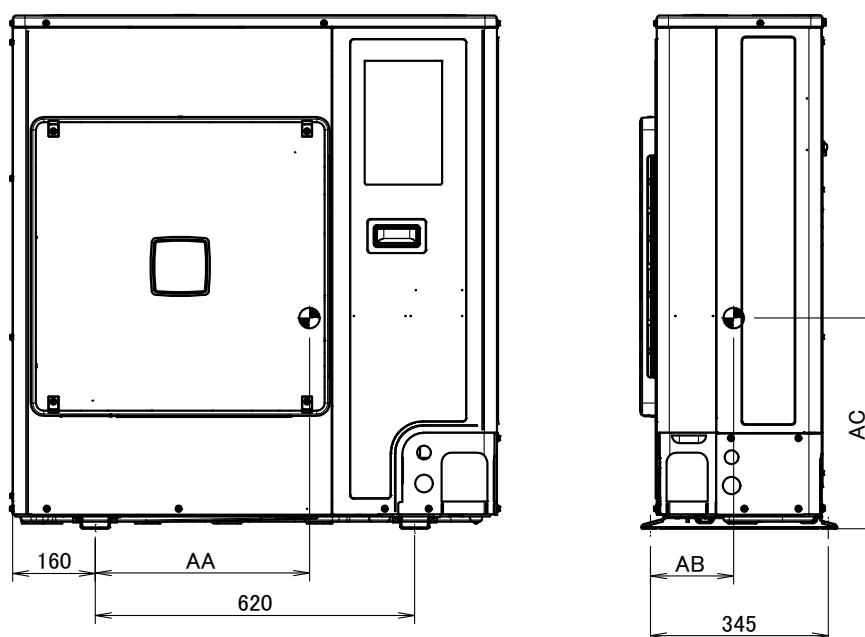
RZAG71MV1

RZAG71MY1

RZASG100-140MV1

RZASG-MY1

7



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

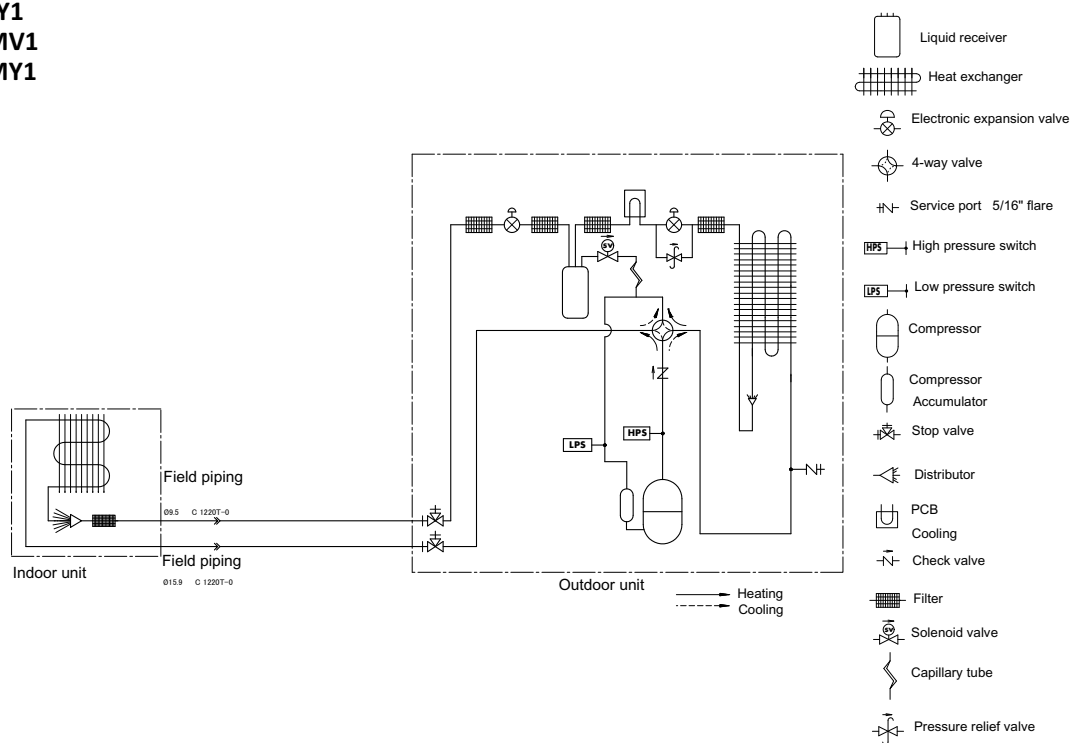
4D110025

8 Piping diagrams

8 - 1 Piping Diagrams

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

8



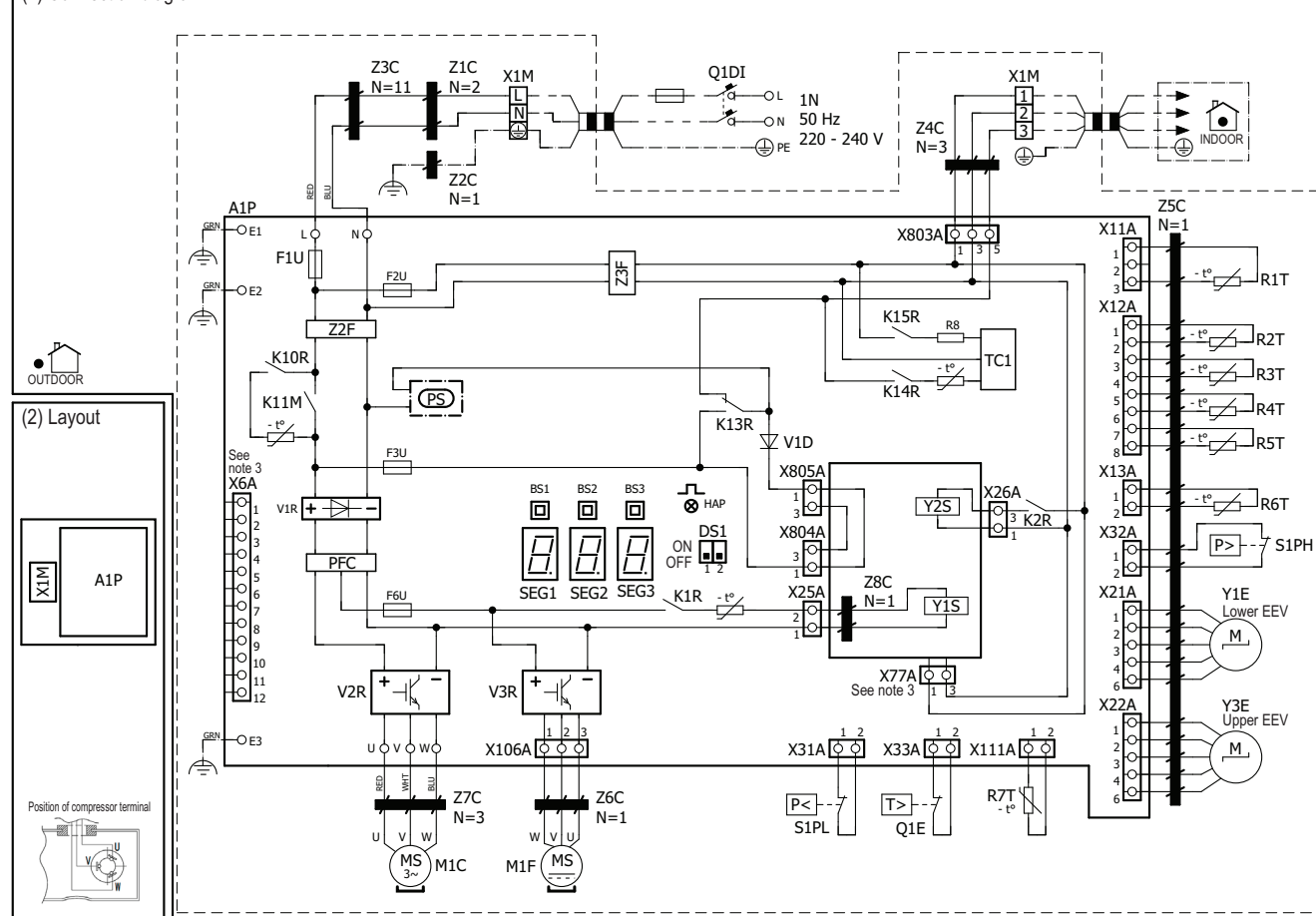
3D108855A

9 Wiring diagrams

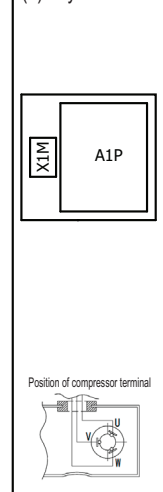
9 - 1 Wiring Diagrams - Single Phase

AZAS71MV1 RZASG71MV1

(1) Connection diagram



(2) Layout



(3) NOTES

	: Connection		: switch box
X1M	: Main terminal		: PCB
	: Earth wiring		: Wiring depending on model
	: Field supply		: Protective earth
	: Option		: 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

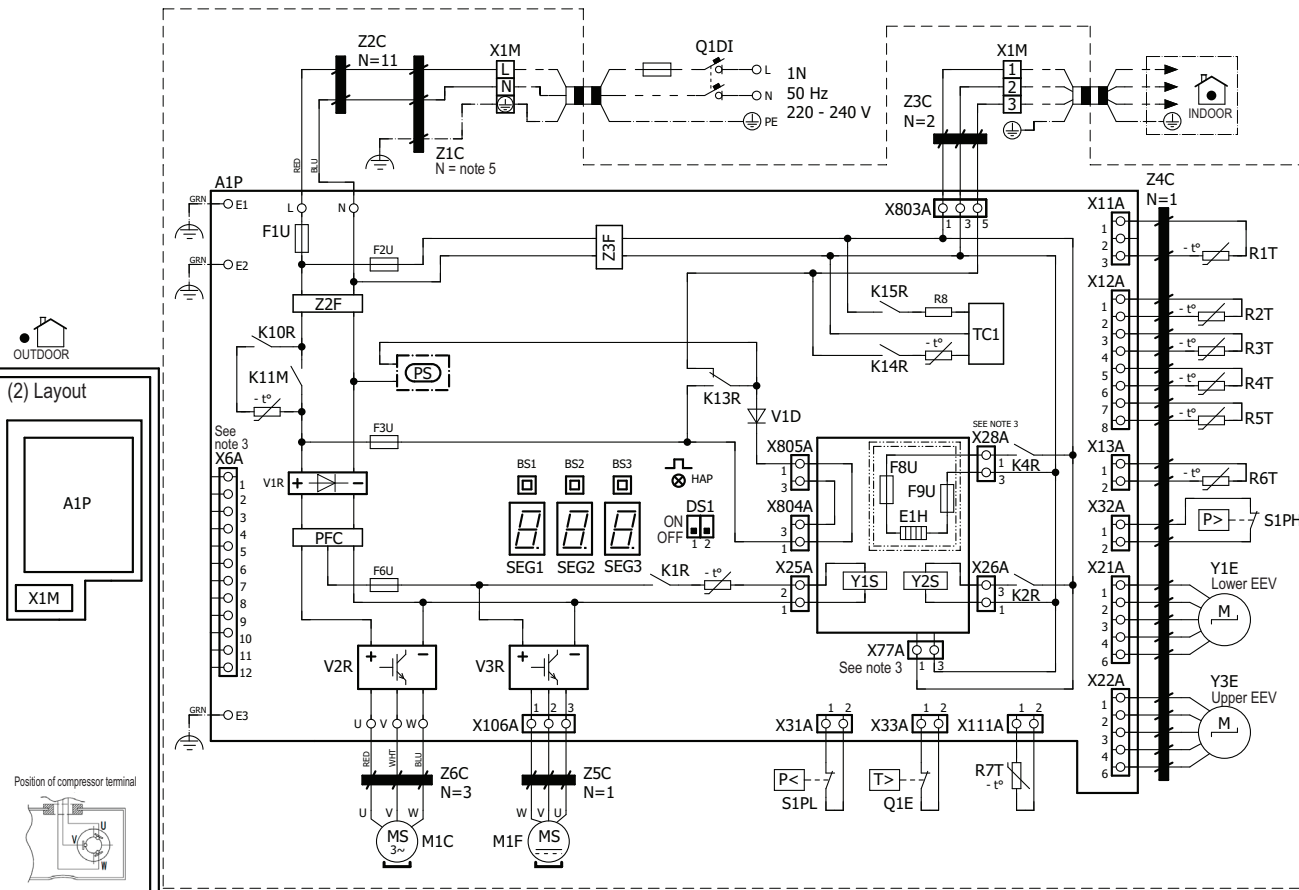
4D110098A

9 Wiring diagrams

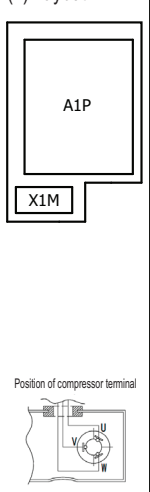
9 - 1 Wiring Diagrams - Single Phase

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

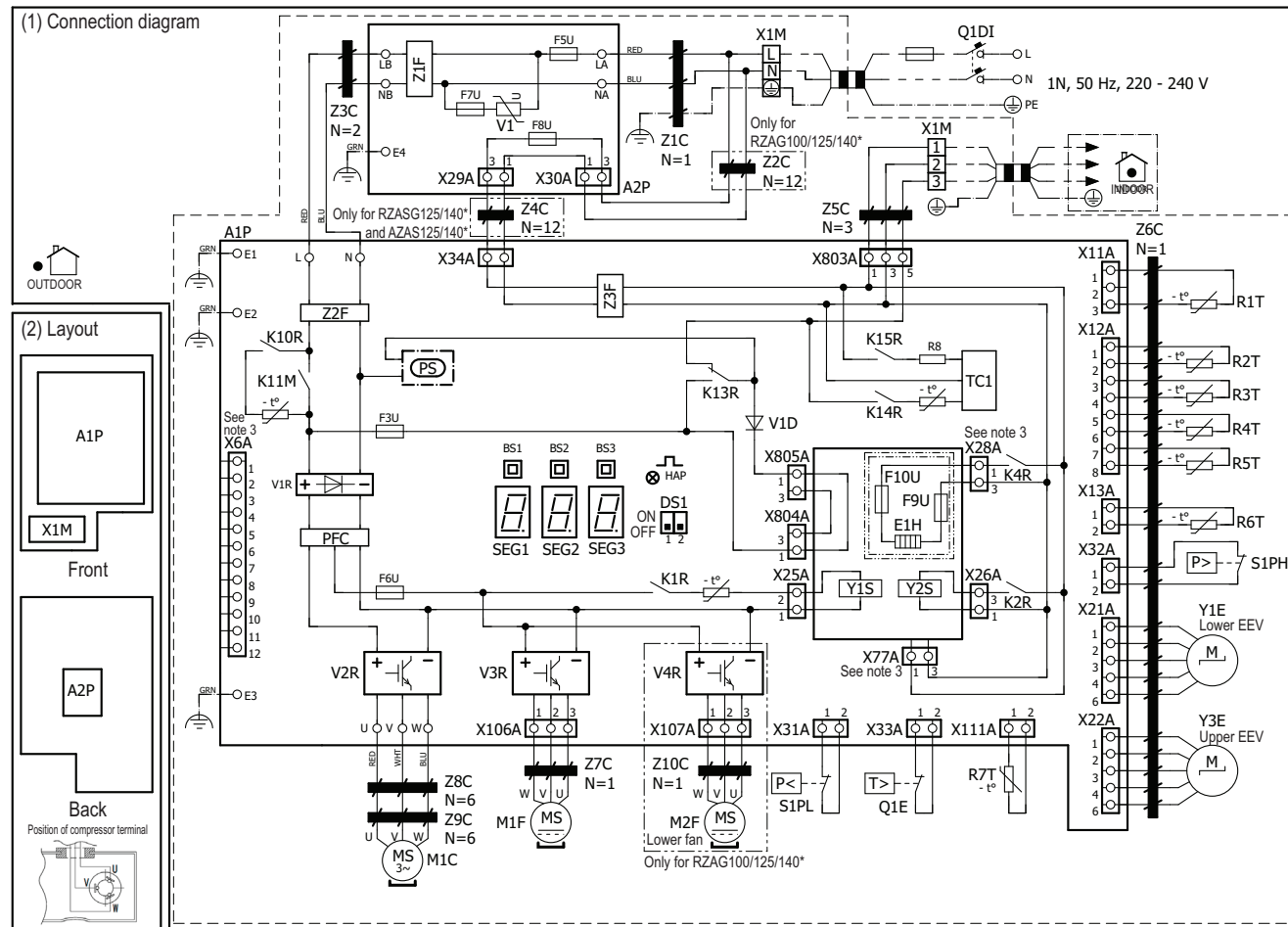
- Refer to the wiring diagram sticker (on the back of the front plate) for how to use the BS1~BS3 and DS1 switches.
- When operating, do not short-circuit protection device(s) S1PH, S1PL and Q1E.
- Refer to the combination table and the option manual for how to connect the wiring to X6A, X28A and X77A.
- 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

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



(3) NOTES

- : Connection
- X1M : Main terminal
- : Earth wiring
- ① : Field supply
- : 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 5 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

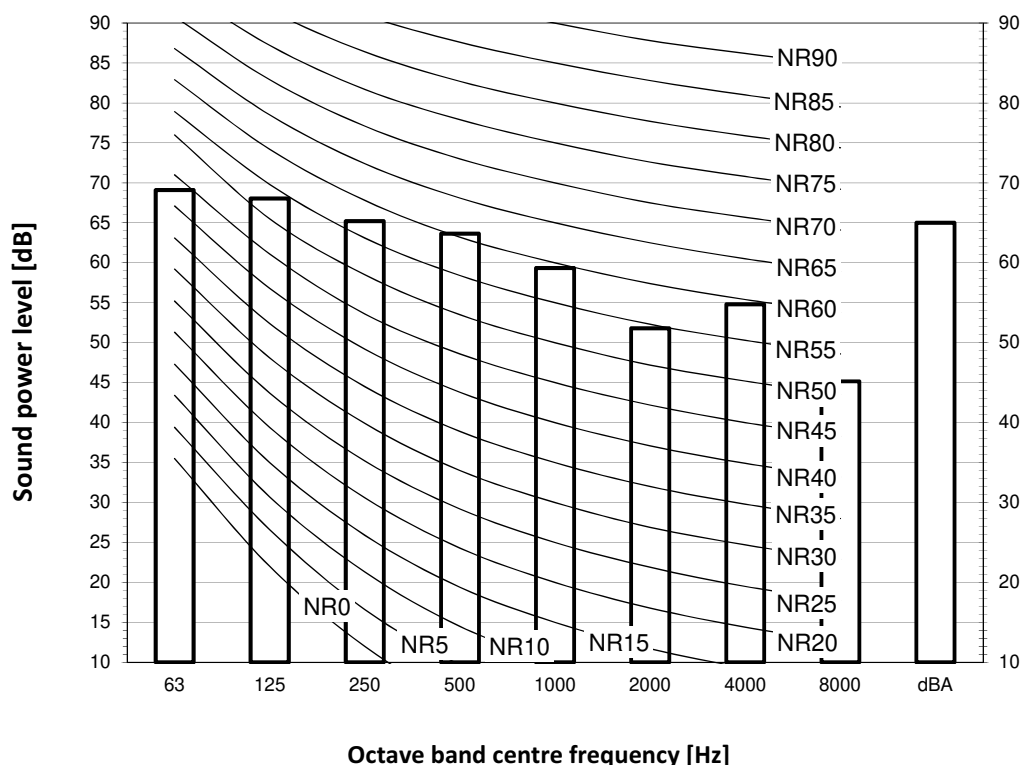
- Refer to the wiring diagram sticker (on the back of the front plate) for how to use the BS1~BS3 and DS1 switches.
- When operating, do not short-circuit protection device(s) S1PH, S1PL and Q1E.
- Refer to the combination table and the option manual for how to connect the wiring to X6A, X28A and X77A.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

4D109863A

10 Sound data

10 - 1 Sound Power Spectrum

AZAS71MV1
RZASG71MV1

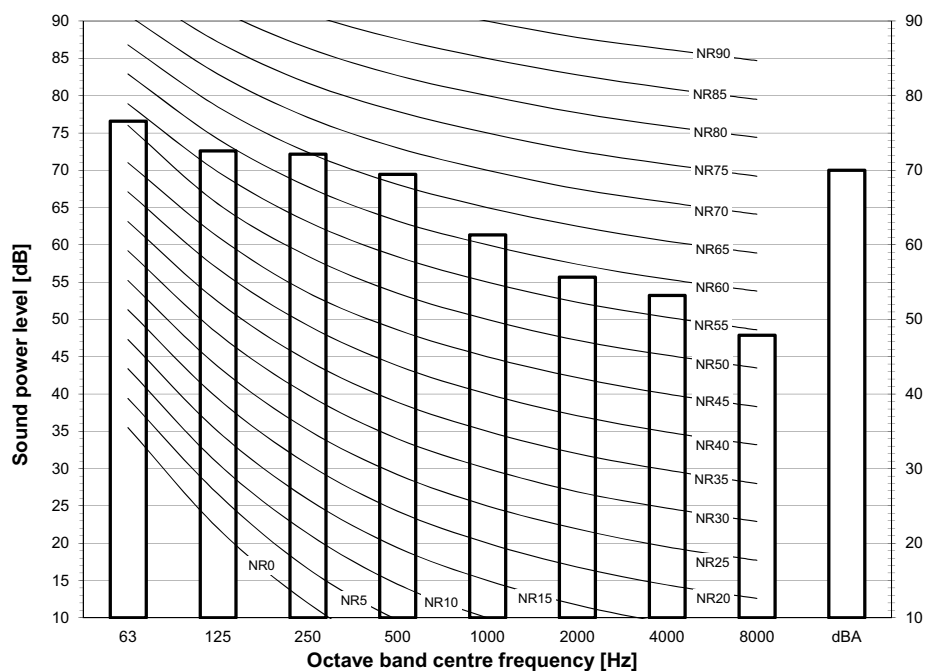


Notes

- dBA = A-weighted sound power level (A scale according to IEC).
- Reference acoustic intensity 0dB = 10^{-6} W/m².
- Measured according to ISO 3744

3D110037A

AZAS100MV1
AZAS100MY1
RZASG100MV1
RZASG100MY1



Notes

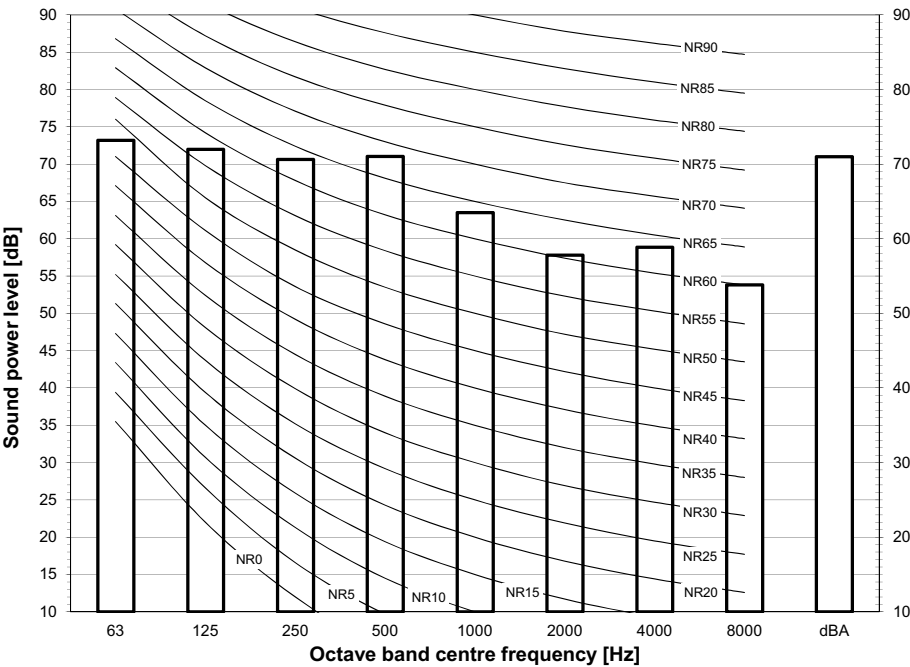
- dBA = A-weighted sound power level (A scale according to IEC).
- Reference acoustic intensity 0dB = 10^{-6} W/m².
- Measured according to ISO 3744

3D110038

10 Sound data

10 - 1 Sound Power Spectrum

AZAS125MV1
AZAS125MY1
RZASG125MV1
RZASG125MY1

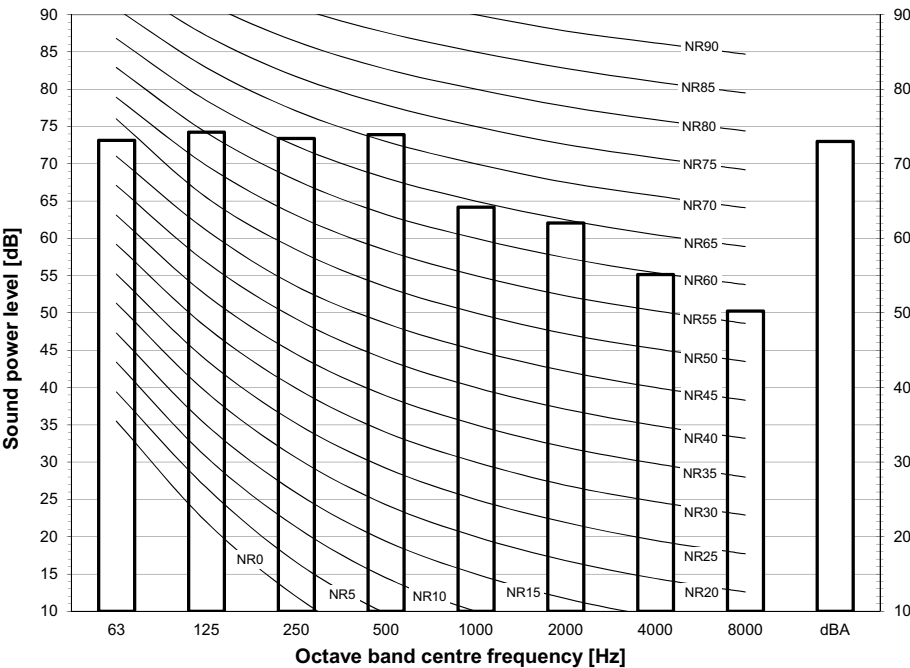


Notes

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

3D110039

AZAS140MV1
AZAS140MY1
RZASG140MV1
RZASG140MY1



Notes

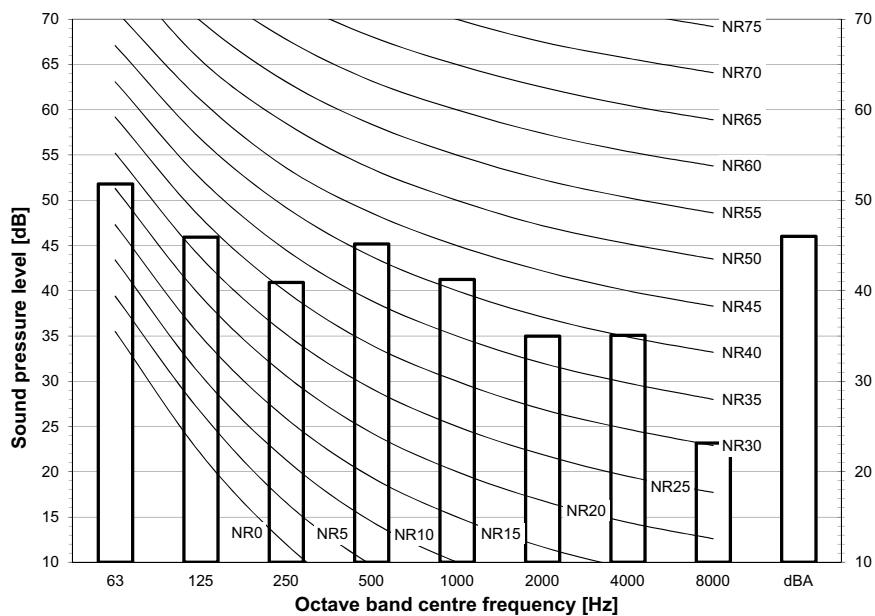
- dBA = A-weighted sound power level (A scale according to IEC).
- Reference acoustic intensity 0dB = 10E-6μW/m²
- Measured according to ISO 3744

3D110040

10 Sound data

10 - 2 Sound Pressure Spectrum - Cooling

AZAS71MV1
RZASG71MV1

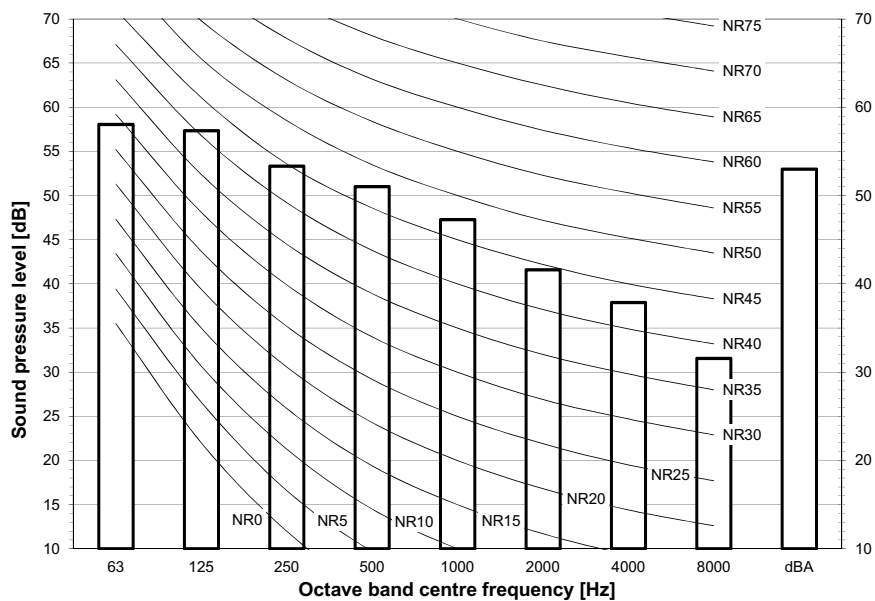


Notes

- 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 μ Pa

3D110049

AZAS100MV1
AZAS100MY1
RZASG100MV1
RZASG100MY1



Notes

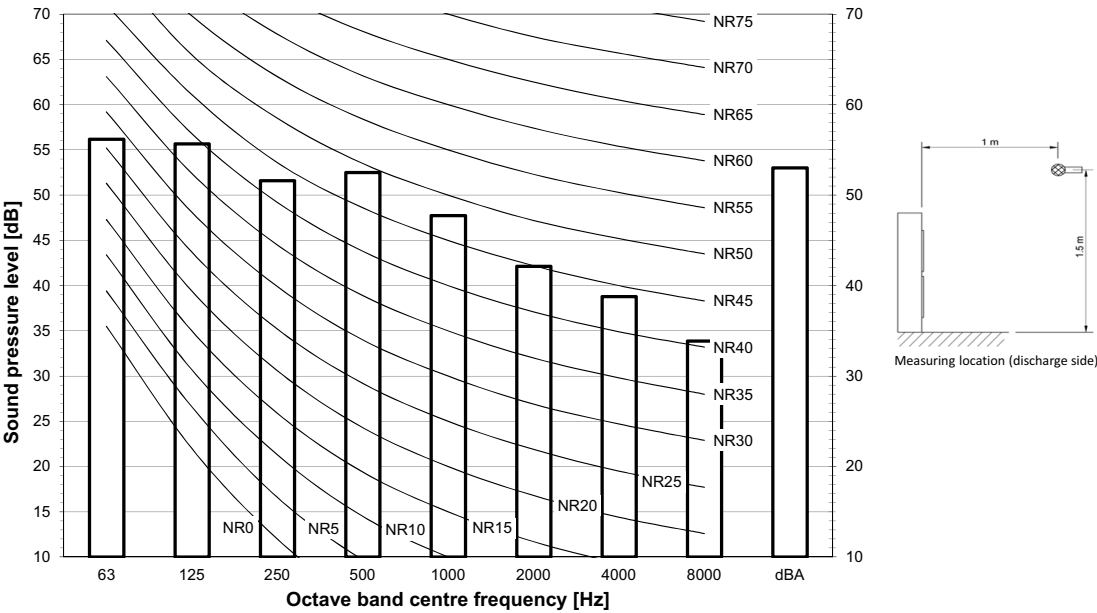
- Data is valid at free field condition.
- Data is valid at nominal operation condition.
- dBA = A-weighted sound pressure level (A scale according to IEC).
- Reference acoustic pressure 0 dB = 20 μ Pa

3D110050

10 Sound data

10 - 2 Sound Pressure Spectrum - Cooling

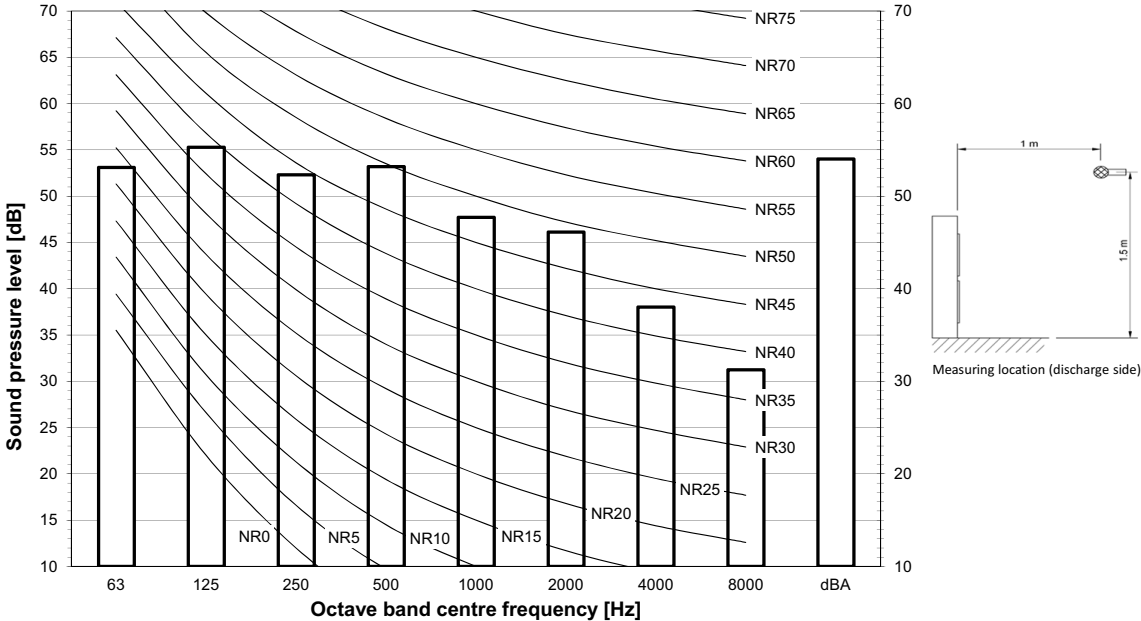
AZAS125MV1
 AZAS125MY1
 RZASG125MV1
 RZASG125MY1



- 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



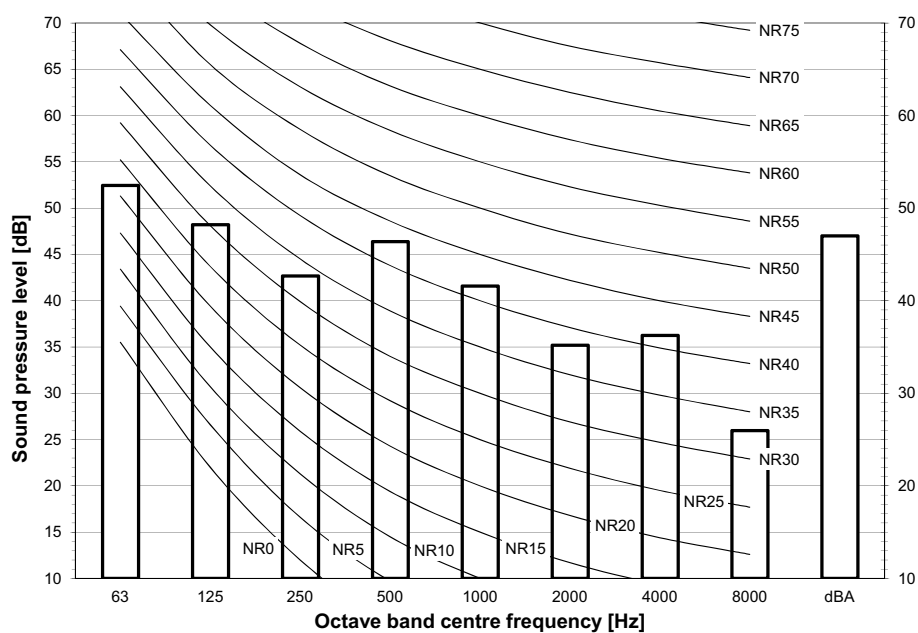
- Notes**
- Data is valid at free field condition.
 - Data is valid at nominal operation condition.
 - dBA = A-weighted sound pressure level (A scale according to IEC).
 - Reference acoustic pressure 0 dB = 20 µPa

3D111310

10 Sound data

10 - 3 Sound Pressure Spectrum - Heating

AZAS71MV1
RZASG71MV1

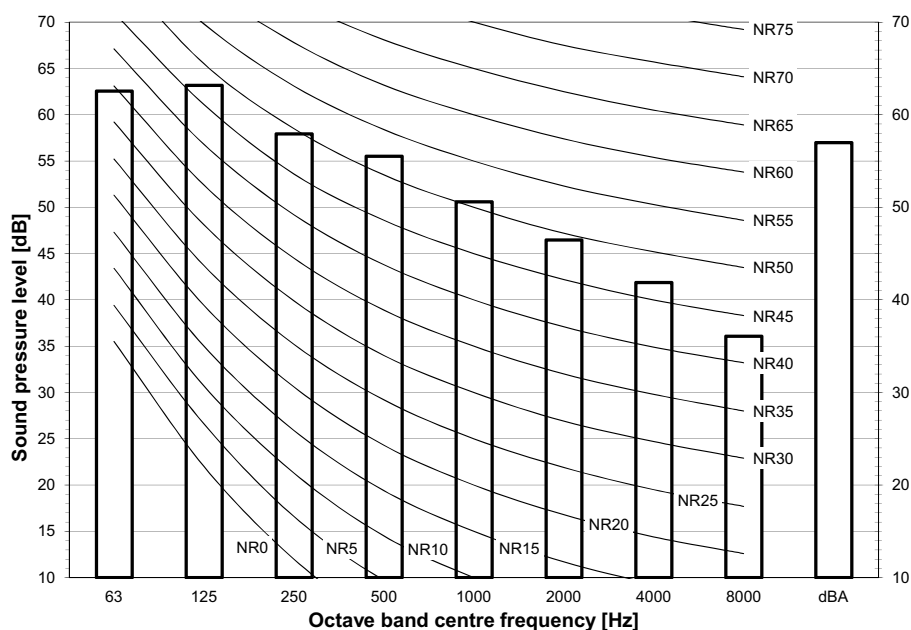


Notes

- 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 μ Pa

3D111293

AZAS100MV1
AZAS100MY1
RZASG100MV1
RZASG100MY1



Notes

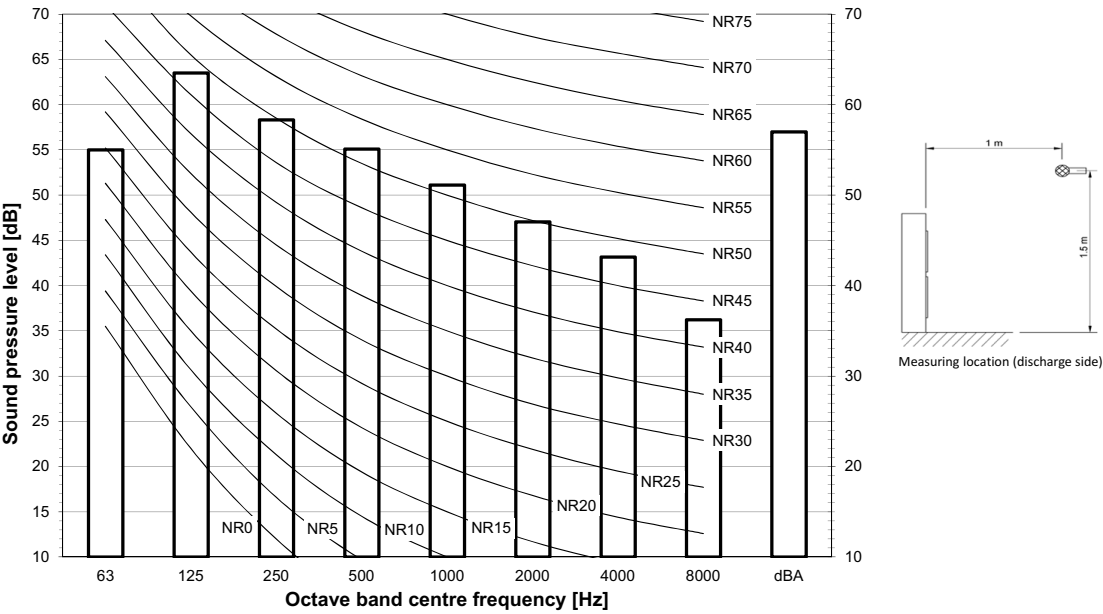
- Data is valid at free field condition.
- Data is valid at nominal operation condition.
- dBA = A-weighted sound pressure level (A scale according to IEC).
- Reference acoustic pressure 0 dB = 20 μ Pa

3D111294

10 Sound data

10 - 3 Sound Pressure Spectrum - Heating

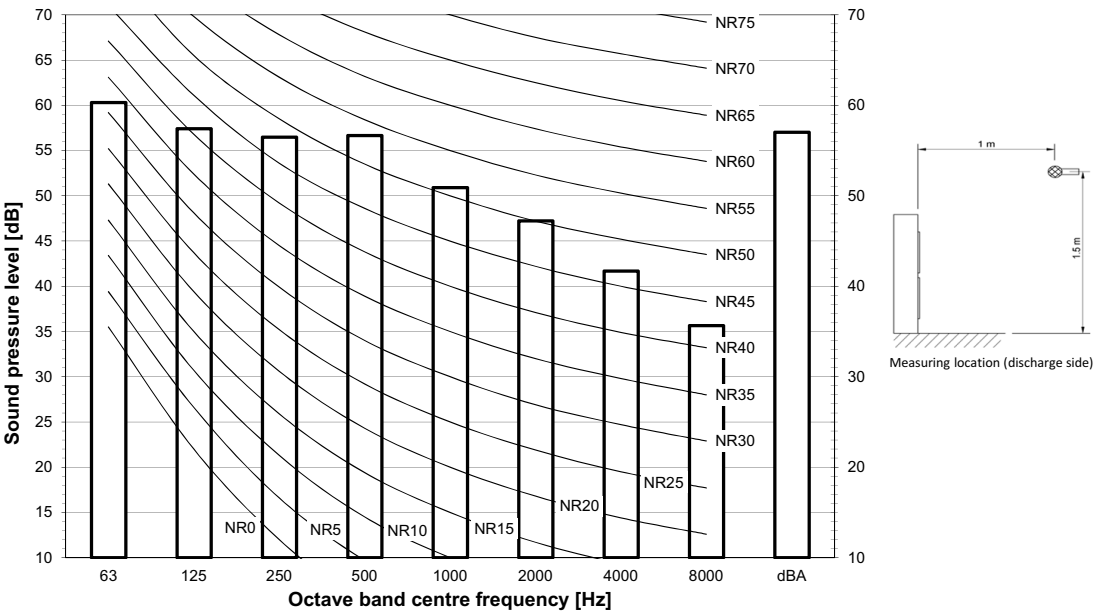
AZAS125MV1
 AZAS125MY1
 RZASG125MV1
 RZASG125MY1



- 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 μ Pa

3D111295

AZAS140MV1
 AZAS140MY1
 RZASG140MV1
 RZASG140MY1



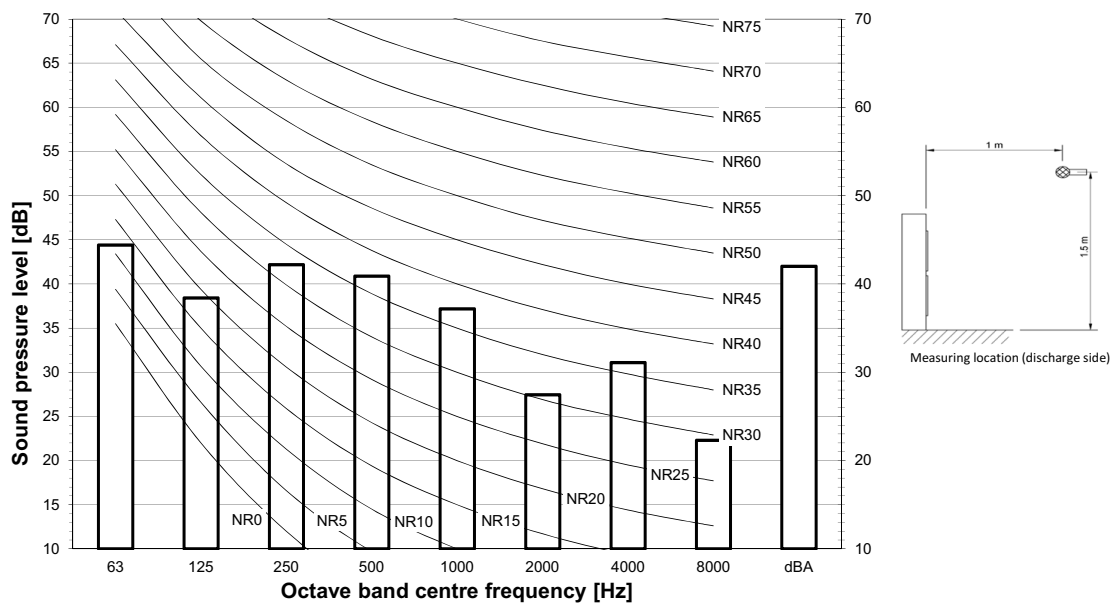
- Notes**
- Data is valid at free field condition.
 - Data is valid at nominal operation condition.
 - dBA = A-weighted sound pressure level (A scale according to IEC).
 - Reference acoustic pressure 0 dB = 20 μ Pa

3D111296

10 Sound data

10 - 4 Sound Pressure Spectrum Quiet Mode

AZAS71MV1
RZASG71MV1

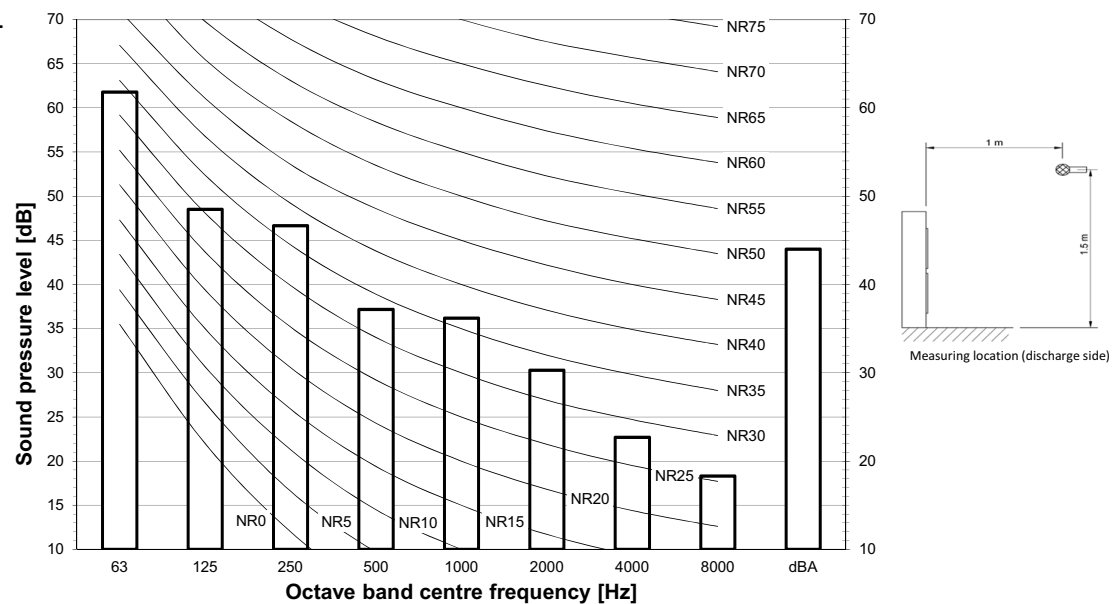


Notes

- 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 μ Pa

3D111315

AZAS100MV1
AZAS100MY1
RZASG100MV1
RZASG100MY1



Notes

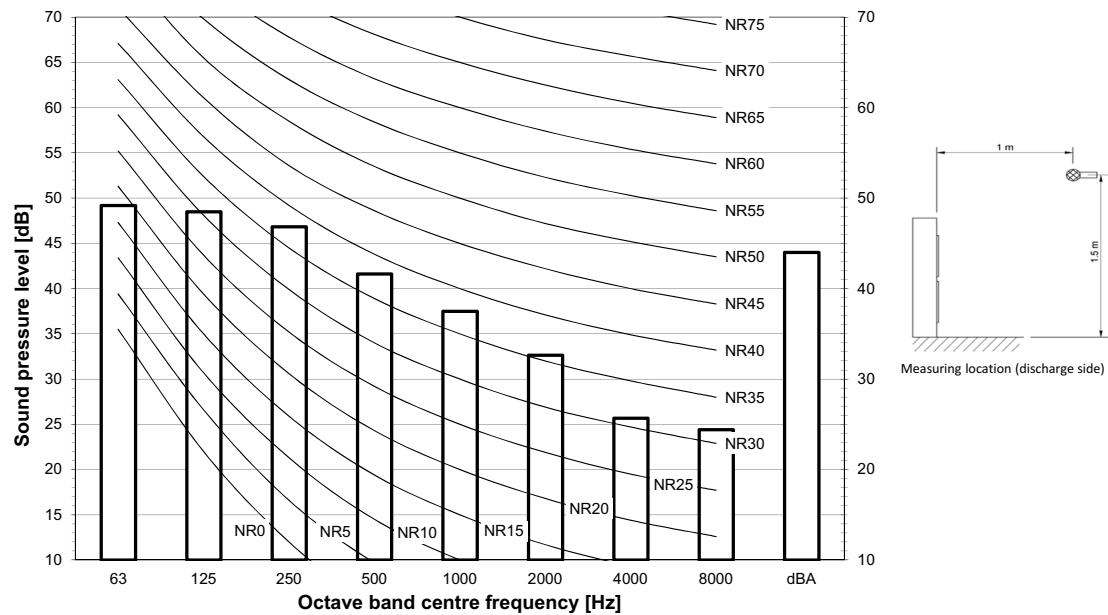
- Data is valid at free field condition.
- Data is valid at nominal operation condition.
- dBA = A-weighted sound pressure level (A scale according to IEC).
- Reference acoustic pressure 0 dB = 20 μ Pa

3D111316

10 Sound data

10 - 4 Sound Pressure Spectrum Quiet Mode

AZAS125MV1
AZAS125MY1
RZASG125MV1
RZASG125MY1

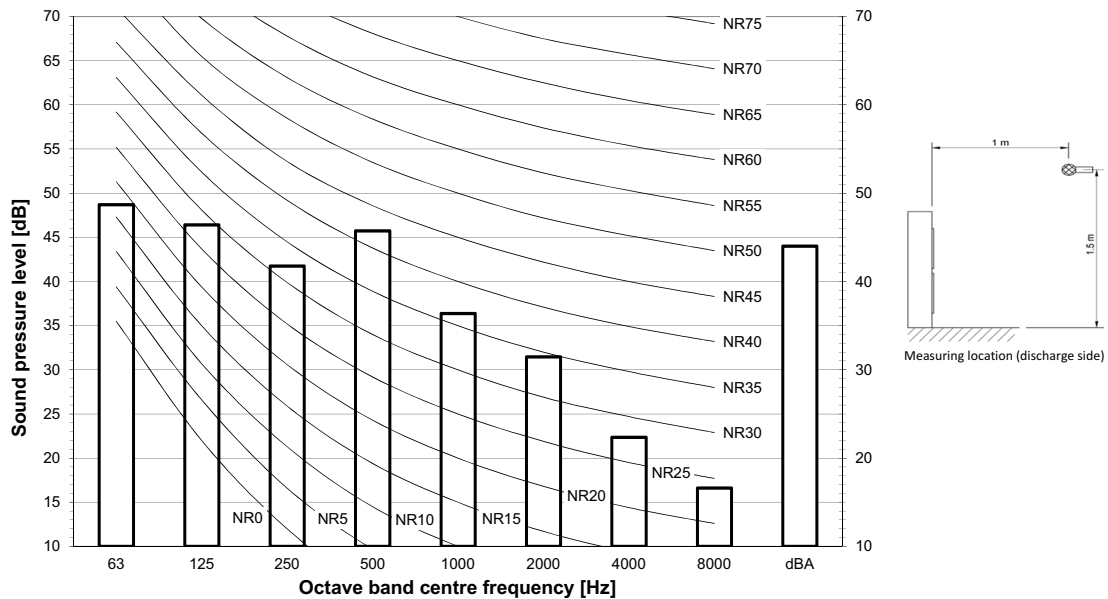


Notes

- 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

11

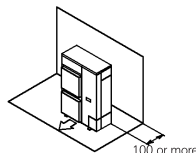
Installation service space

The measure of these values is "mm".

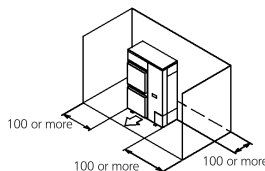
(A) When there are obstacles on suction sides.

• No obstacle above

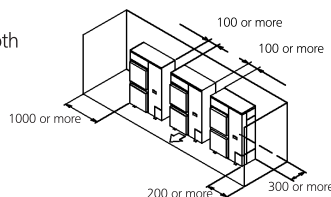
- ① Stand-alone installation
 - Obstacle on the suction side only



- Obstacle on both sides and suction side, too

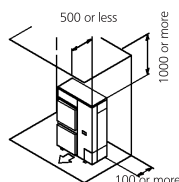


- ② Series installation (2 or more) (Note 1)
 - Obstacle on the suction side and both sides

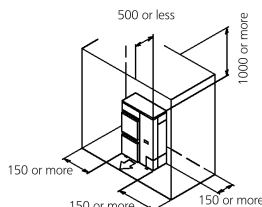


• Obstacle above, too.

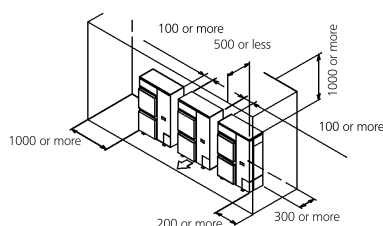
- ① Stand-alone installation
 - Obstacle on the suction side, too



- Obstacle on both sides and suction side, too



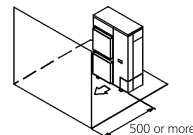
- ② Series installation (2 or more) (Note 1)
 - Obstacle on the suction side and both sides



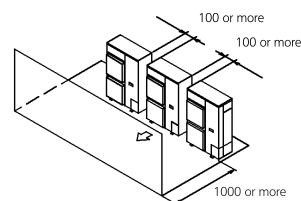
(B) When there are obstacles on discharge sides.

• No obstacle above

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

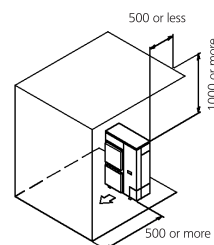


- ② Series installation (2 or more) (Note 1)
 - Obstacle on the discharge side only

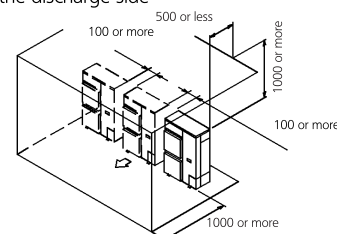


• Obstacle above, too

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



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



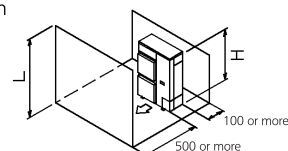
(C) When there are obstacles on both suction and discharge sides.

Pattern 1

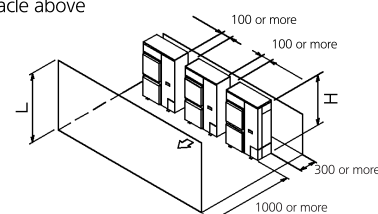
When the obstacles on the discharge side is higher than the unit. (L>H)
(There is no limit for the height of obstructions on the suction side.)

• No obstacle above

- ① Stand-alone installation
 - No obstacle above



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



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11 Installation

11 - 1 Installation Method

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

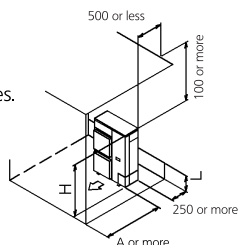
• Obstacle above, too

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
$L \leq H$	$L \leq 1/2 H$ $1/2 H < L \leq H$	750 or more 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.

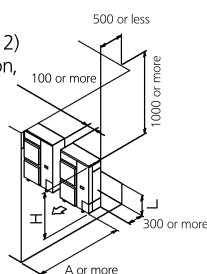
The relations between H, A and L are as follows.

	L	A
$L \leq H$	$L \leq 1/2 H$ $1/2 H < L \leq H$	1000 or more 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

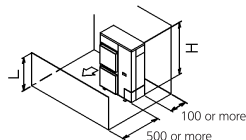
When the obstacle on the discharge side is lower than the unit ($L \leq H$)
(There is no limit for the height of obstructions on the suction side.)



• No obstacle above

① Stand-alone installation

- No obstacle above

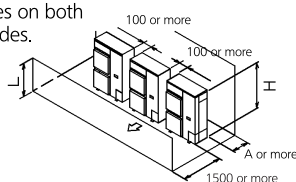


② Series installation (2 or more) (Note 1, 2)

- When there are obstacles on both suction and discharge sides.

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

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



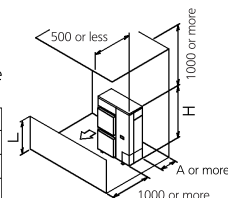
• obstacle above

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



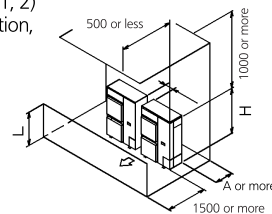
② Series installation (2 or more) (Note 1, 2)

- When there are obstacles on suction, discharge and top sides.

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

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

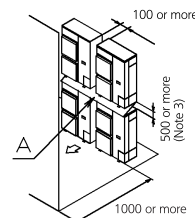
Limit of series installation is 2 units.



(D) Double-decker installation

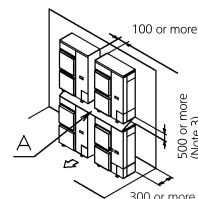
① Obstacle on the discharge side. (1)

- 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.



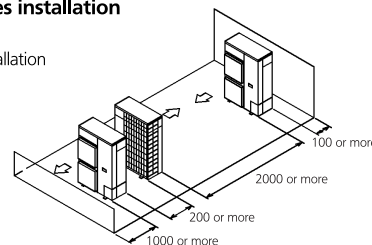
② Obstacle on the suction side. (1)

- 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.)

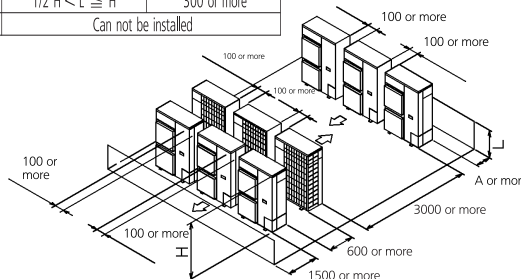
① One row of stand-alone installation



② Rows of series installation (2 or more)

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

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



NOTES

- In case of the sideways 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.

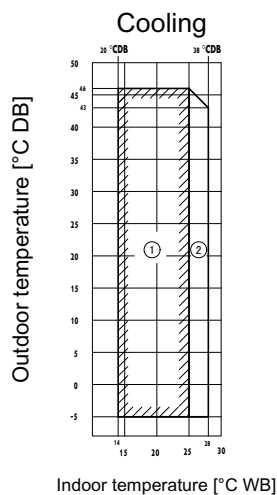
3D069554

12 Operation range

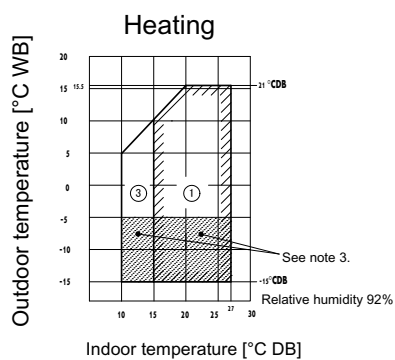
12 - 1 Operation Range

AZAS-MV1

AZAS-MY1



- ① Operation range
- ② Pull-down operation range
- ③ Warm-up operation range



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	FCAHG100	FCAHG125	FCAHG140	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					P					4					P							P			P
RZAG140M7V1B	RZAG140M7Y1B				P	4					P					4					P										
RZASG125M7V1B	RZASG125M7Y1B					4					P					4					P							P			P
RZASG140M7V1B	RZASG140M7Y1B					4					P					4					P							P			
AZAS125M7V1B	AZAS125M7Y1B										P										P										
AZAS140M7V1B	AZAS140M7Y1B										P										P										

Sky Air		Floor standing type				Slim duct			Ceiling-suspended						Duct (medium ESP)				Floor standing type			
Model		FVA71	FVA100	FVA125	FVA140	FDXM35	FDXM50	FDXM60	FHA35	FHA50	FHA60	FHA71	FHA100	FHA125	FHA140	ADEA35	ADEA50	ADEA60	ADEA71	ADEA100	ADEA125	AVA125
RZAG125M7V1B	RZAG125M7Y1B			P										P								
RZAG140M7V1B	RZAG140M7Y1B				P										P							
RZASG125M7V1B	RZASG125M7Y1B			P										P								
RZASG140M7V1B	RZASG140M7Y1B				P										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 -AZAS125M7V1B / RZAG125M7Y1B- and covered by -ENER Lot 21-

FCAG125	FCAG35	FFA35	FBA35	FNA35	FUA125	-	FDA125	FVA125	FDXM35	FHA35	-	-
-	FCAG50	FFA50	FBA50	FNA50	-	-	-	-	FDXM50	FHA50	-	-
-	FCAG60	FFA60	FBA60	FNA60	-	-	-	-	FDXM60	FHA60	-	-
-	FCAG125	-	FBA125	-	-	-	-	-	-	FHA125	-	-

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

-	FCAG35	FFA35	FBA35	FNA35	FUA125	-	FDA125	FVA125	FDXM35	FHA35	-	-
-	FCAG50	FFA50	FBA50	FNA50	-	-	-	-	FDXM50	FHA50	-	-
-	FCAG60	FFA60	FBA60	FNA60	-	-	-	-	FDXM60	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-

FCAHG71	FCAG35	FFA35	FBA35	FNA35	FUA71	FAA71	-	FVA71	FDXM35	FHA35	-	-
FCAHG140	FCAG50	FFA50	FBA50	FNA50	-	-	-	FVA140	FDXM50	FHA50	-	-
-	FCAG71	-	FBA71	-	-	-	-	-	-	FHA71	-	-
-	FCAG140	-	FBA140	-	-	-	-	-	-	FHA140	-	-

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

-	FCAG35	FFA35	FBA35	FNA35	FUA71	FAA71	-	FVA71	FDXM35	FHA35	-	-
-	FCAG50	FFA50	FBA50	FNA50	-	-	-	FVA140	FDXM50	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	FDXM35	FHA35	-	-
-	FCAG71	-	FBA71	-	-	-	-	-	-	FHA71	-	-

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

-	FCAG35	FFA35	FBA35	FNA35	FUA71	FAA71	-	FVA71	FDXM35	FHA35	-	-
-	FCAG71	-	FBA71	-	-	-	-	-	-	FHA71	-	-

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

-	FCAG71	-	FBA71	-	-	FAA71	-	-	-	-	-	ADEA71
---	--------	---	-------	---	---	-------	---	---	---	---	---	--------

Connectable to -RZAG100M7V1B / RZAG100M7Y1B- and covered by -ENER Lot 10-

FCAHG100	FCAG35	FFA35	FBA35	FNA35	FUA100	FAA100	-	FVA100	FDXM35	FHA35	-	-
-	FCAG50	FFA50	FBA50	FNA50	-	-	-	-	FDXM50	FHA50	-	-
-	FCAG100	-	FBA100	-	-	-	-	-	-	FHA100	-	-

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

-	FCAG35	FFA35	FBA35	FNA35	FUA100	FAA100	-	FVA100	FDXM35	FHA35	-	-
-	FCAG50	FFA50	FBA50	FNA50	-	-	-	-	FDXM50	FHA50	-	-
-	FCAG100	-	FBA100	-	-	-	-	-	-	FHA100	-	-

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

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