



Sky Air Advance-series Air Conditioning Technical Data RZASG-MV



TABLE OF CONTENTS

RZASG-MV

1	Features	4
	RZASG-MV	4
2	Specifications	5
3	Electrical data	14
4	Options	15
5	Combination table	16
6	Capacity tables	17
	Cooling/Heating Capacity Tables	17
	Capacity Correction Factor	19
7	Dimensional drawings	20
8	Centre of gravity	21
9	Piping diagrams	22
	Piping Diagram Twin Application	23
	Piping Diagram Triple Application	24
	Piping Diagram Double Twin Application	25
10	Wiring diagrams	26
	Wiring Diagrams - Single Phase	26
11	Sound data	29
	Sound Power Spectrum - Cooling	29
	Sound Pressure Spectrum - Cooling	31
	Sound Pressure Spectrum - Heating	33
	Sound Pressure Spectrum Quiet Mode	35
12	Installation	40
	Installation Method	40
13	Operation range	42
14	Appropriate Indoors	43

1 Features

1 - 1 RZASG-MV

Technology and comfort combined for commercial applications

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 both heating and cooling mode down to -15°C
- › Refrigerant cooled PCB guarantees reliable cooling, as it is not influenced by ambient temperature.
- › Maximum piping length up to 50m, minimum piping length has no limitation
- › Outdoor units for pair, twin, triple, double twin application



Inverter



Seasonal efficiency - Smart use of energy



Swing compressor



Replacement technology (optional)



Auto cooling-heating changeover (5 steps + auto)



Night quiet mode (optional)



Twin/triple/double twin application

2 Specifications

2 - 1 Specifications

Technical Specifications					RZASG100MV	RZASG125MV	RZASG140MV
Casing	Colour				Ivory white		
	Material				Painted galvanized steel plate		
Dimensions	Unit	Height	mm		990		
		Width	mm		940		
		Depth	mm		320		
	Packed unit	Height	mm		1,158		
		Width	mm		1,037		
		Depth	mm		446		
Weight	Unit	kg		72	79		
	Packed unit	kg		81	88		
Packing	Weight	kg		9			
Heat exchanger	Fin	Type	WF fin				
		Treatment	Anti-corrosion treatment (PE)				
Fan	Type				Propeller		
	Discharge direction				Horizontal		
	Quantity				1		
	Air flow rate	Cooling	Nom.	m³/min	69	71	76
		Heating	Nom.	m³/min	82		
			Partial	m³/min	-	55 (1)	
Fan motor	Quantity				1		
	Model				Brushless DC motor		
	Output				200		
	Drive				Direct drive		
Compressor	Quantity				1		
	Type				Hermetically sealed swing compressor		
Operation range	Cooling	Ambient	Min.	°CDB	-15		
			Max.	°CDB	46		
	Heating	Ambient	Min.	°CWB	-15		
			Max.	°CWB	15.5		
	Sound power level	Cooling	dBA		70	71	73
Heating		dBA		-	71 (1)	73 (1)	
Sound pressure level	Cooling	Nom.	dBA		53	54	
	Heating	Nom.	dBA		57		
Refrigerant	Type				R-32		
	Charge				2.6	2.9	
	Control				Expansion valve (electronic type)		
Refrigerant	GWP				675		
	Circuits	Quantity		1			
Refrigerant oil	Type				FW68DA		
	Charged volume				0.9	1.35	
Piping connections	Liquid	Quantity		1			
		Type		Flare connection			
		OD		9.52			
	Gas	Quantity		1			
		Type		Flare connection			
		OD		15.9			
	Drain	Quantity		5			
		Type		Hole			
		OD		26			
	Piping length	OU - IU	Min.	m	5		
			Max.	m	50		
		System	Equivalent	m	70		
			Chargeless	m	30		
		Additional refrigerant charge				kg/m	
	Level difference	IU - OU	Max.	m	30		
				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: 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: Declaration of conformity;Quantity: 2;

2 Specifications

2 - 1 Specifications

Standard accessories: Tie-wraps;Quantity: 2;

2

Electrical Specifications			RZASG100MV	RZASG125MV	RZASG140MV
Power supply	Name			V1	
	Phase			1~	
	Frequency			50	
	Voltage			220-240	
	Voltage range			198 264	
Current	Zmax	List		Complies to EN61000-3-11	
	Minimum Ssc value			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)		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			FCAG100B + RZASG100MV	FCAG125B + RZASG125MV	FCAG140B + RZASG140MV
Cooling capacity	Nom.	kW	9.5	12.1 (1)	13.4 (1)
Heating capacity	Nom.	kW	10.8 (2)	13.5 (2)	15.5 (2)
Space cooling	Energy efficiency class		A++		-
	Capacity Pdesign	kW	9.5	12.1	13.4
	SEER		6.55	5.76	6.53
	ηs,c	%	-	227	258
	Annual energy consumption	kWh/a	507	1,261	1,232
Space heating (Average climate)	Energy efficiency class		A+		-
	Capacity Pdesign	kW		6	7.8
	SCOP/A		4.17	4.05	4.31
	SCOPnet/A		4.17	4.05	4.31
	ηs,h	%	-	159	169
	Annual energy consumption	kWh/a	2,016	2,074	2,534
	Required back up heating cap at design conditions	kW		0	
Space cooling	A Condition Pdc	kW	9.5	12.1	13.4
	(35°C - 27/19) EERd		3.26	2.44	2.6
	Power input	kW	2.92	4.95	5.15
	B Condition Pdc	kW	7	8.92	9.88
	(30°C - 27/19) EERd		5.49	4.3	4.93
	Power input	kW	1.28	2.07	2
	C Condition Pdc	kW	4.5	5.74	6.35
	(25°C - 27/19) EERd		7.77	6.74	7.77
	Power input	kW	0.58	0.85	0.82
	D Condition Pdc	kW	3.11	3.18	3.74
	(20°C - 27/19) EERd		11.16	10.49	12.01
	Power input	kW	0.28	0.3	0.31
Space heating (Average climate)	TOL Tol (temperature operating limit)	°C		-10	
	Pdh (declared heating cap)	kW		6	7.8
	COPd (declared COP)		2.52	2.59	2.26
	Power input	kW	2.38	2.32	3.44
	TBivalent Tbiv (bivalent temperature)	°C		-10	
	Pdh (declared heating cap)	kW		6	7.8
	COPd (declared COP)		2.52	2.59	2.26
	Power input	kW	2.38	2.32	3.44
	A Condition Pdh (declared heating cap)	kW	5.31	5.3	6.9
	(-7°C) COPd (declared COP)		2.75	2.78	2.6
	Power input	kW	1.93	1.91	2.65
Space heating (Average climate)	B Condition Pdh (declared heating cap)	kW		3.23	4.2
	(2°C) COPd (declared COP)		3.97	3.88	4.32
	Power input	kW	0.81	0.83	0.97
	C Condition Pdh (declared heating cap)	kW	2.1	2.13	3.4
	(7°C) COPd (declared COP)		5.58	5.2	5.92
	Power input	kW	0.38	0.41	0.57
	D Condition Pdh (declared heating cap)	kW	2.5	2.55	3.99
	(12°C) COPd (declared COP)		6.95	6.66	7.26
	Power input	kW	0.36	0.38	0.55

2 Specifications

2 - 1 Specifications

Technical specifications					FCAG100B + RZASG100MV	FCAG125B + RZASG125MV	FCAG140B + RZASG140MV
Power consumption in other than active mode	Crankcase	Cooling	PCK	kW	0		
	heater	Heating	PCK	kW	0		
	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		
		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		
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.

Technical specifications					FHA100A + RZASG100MV	FHA125A + RZASG125MV	FHA140A + RZASG140MV
Cooling capacity	Nom.		kW		9.5	12.1 (1)	13.4 (1)
Heating capacity	Nom.		kW		10.8 (2)	13.5 (2)	15.5 (2)
Space cooling	Energy efficiency class				A+	-	
	Capacity	Pdesign	kW		9.5	12.1	13.4
	SEER				5.83		5.88
	ηs,c		%		-	230	232
	Annual energy consumption		kWh/a		570	1,246	1,368
Space heating (Average climate)	Energy efficiency class				A	-	
	Capacity	Pdesign	kW		6		7.8
	SCOP/A				3.91	3.83	3.81
	SCOPnet/A				3.91	3.83	3.81
	ηs,h		%		-	150	149
	Annual energy consumption		kWh/a		2,148	2,193	2,866
	Required back up heating cap at design conditions		kW			0	
	A Condition (35°C - 27/19)						
Space cooling	Pdc	kW			9.5	12.1	13.4
		EERd			3.2	2.63	2.62
		Power input		kW	2.97	4.6	5.12
	B Condition (30°C - 27/19)	kW			7	8.92	9.88
		EERd			4.91	4.53	4.64
		Power input		kW	1.43	1.97	2.13
	C Condition (25°C - 27/19)	kW			4.5	5.74	6.35
		EERd			6.98	6.79	6.93
		Power input		kW	0.64	0.85	0.92
	D Condition (20°C - 27/19)	kW			3.1	3.17	3.86
		EERd			8.87	9.62	9.5
		Power input		kW	0.35	0.33	0.41
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C		-10	
		PdH (declared heating cap)		kW	6		7.8
		COPd (declared COP)			2.49		1.98
		Power input		kW	2.41		3.95
	TBivalent	Tbiv (bivalent temperature)		°C		-10	
		PdH (declared heating cap)		kW	6		7.8
		COPd (declared COP)			2.49		1.98
		Power input		kW	2.41		3.95
	A Condition (-7°C)	PdH (declared heating cap)		kW	5.31	5.3	6.9
		COPd (declared COP)			2.73	2.72	2.37
Space heating (Average climate)	A Condition (-7°C)	Power input		kW	1.94	1.95	2.91
		B Condition (2°C)					
		PdH (declared heating cap)		kW	3.23		4.2
	C Condition (7°C)	COPd (declared COP)			3.77	3.68	3.92
		Power input		kW	0.86	0.88	1.07
		PdH (declared heating cap)		kW	2.18	2.19	3.45
	D Condition (12°C)	COPd (declared COP)			4.96	4.84	4.95
		Power input		kW	0.44	0.45	0.7
		PdH (declared heating cap)		kW	2.57	2.58	4.05
		COPd (declared COP)			6.14	6	6.07
		Power input		kW	0.42	0.43	0.67

2 Specifications

2 - 1 Specifications

2

Technical specifications					FHA100A + RZASG100MV	FHA125A + RZASG125MV	FHA140A + RZASG140MV
Power consumption in other than active mode	Crankcase	Cooling	PCK	kW	0		
	heater	Heating	PCK	kW	0		
	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		
	Thermo-stat-off mode	Cooling	PTO	kW	0		
		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		
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.

Technical specifications					FUA100A + RZASG100MV	FUA125A + RZASG125MV
Cooling capacity	Nom.		kW		9.5	12.1 (1)
Heating capacity	Nom.		kW		10.8 (2)	13.5 (2)
Space cooling	Energy efficiency class				A+	-
	Capacity	Pdesign	kW		9.5	12.1
	SEER				5.83	5.49
	ηs,c		%		-	217
	Annual energy consumption		kWh/a		570	1,322
Space heating (Average climate)	Energy efficiency class				A+	-
	Capacity	Pdesign	kW		6	
	SCOP/A				4.01	3.84
	SCOPnet/A				4.01	3.84
	ηs,h		%		-	151
	Annual energy consumption		kWh/a		2,095	2,188
	Required back up heating cap at design conditions		kW		0	
Space cooling	A Condition (35°C - 27/19)	Pdc	kW		9.5	12.1
		EERd			3.2	2.35
		Power input	kW		2.97	5.15
	B Condition (30°C - 27/19)	Pdc	kW		7	8.92
		EERd			4.81	4.24
		Power input	kW		1.45	2.1
	C Condition (25°C - 27/19)	Pdc	kW		4.5	5.74
		EERd			7.04	6.48
		Power input	kW		0.64	0.89
	D Condition (20°C - 27/19)	Pdc	kW		3.1	3.14
		EERd			8.98	9.22
		Power input	kW		0.35	0.34
Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C		-10	
		Pdh (declared heating cap)	kW		6	
		COPd (declared COP)			2.56	2.52
		Power input	kW		2.35	2.38
	TBivalent	Tbiv (bivalent temperature)	°C		-10	
		Pdh (declared heating cap)	kW		6	
		COPd (declared COP)			2.56	2.52
		Power input	kW		2.35	2.38
	A Condition (-7°C)	Pdh (declared heating cap)	kW		5.31	5.3
		COPd (declared COP)			2.79	2.76
	B Condition (2°C)	Power input	kW		1.9	1.92
		Pdh (declared heating cap)	kW		3.23	
Space heating (Average climate)	C Condition (7°C)	COPd (declared COP)			3.87	3.7
		Power input	kW		0.83	0.87
		Pdh (declared heating cap)	kW		2.19	2.21
	D Condition (12°C)	COPd (declared COP)			5.1	4.81
		Power input	kW		0.43	0.46
		Pdh (declared heating cap)	kW		2.57	2.59
		COPd (declared COP)			6.26	5.89
		Power input	kW		0.41	0.44

2 Specifications

2 - 1 Specifications

Technical specifications					FUA100A + RZASG100MV	FUA125A + RZASG125MV
Power consumption in other than active mode	Crankcase	Cooling	PCK	kW	0	
	heater	Heating	PCK	kW	0	
	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	
		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	
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.

Technical specifications					FBA100A + RZASG100MV	FBA125A + RZASG125MV	FBA140A + RZASG140MV
Cooling capacity	Nom.		kW		9.5	12.1 (1)	13.4 (1)
Heating capacity	Nom.		kW		10.8 (2)	13.5 (2)	15.5 (2)
Space cooling	Energy efficiency class				A+	-	
	Capacity	Pdesign	kW		9.5	12.1	13.4
	SEER				5.83	5.49	5.82
	ηs,c		%		-	217	230
	Annual energy consumption		kWh/a		570	1,322	1,382
Space heating (Average climate)	Energy efficiency class				A	-	
	Capacity	Pdesign	kW		6		7.8
	SCOP/A				3.85	3.63	3.85
	SCOPnet/A				3.85	3.63	3.85
	ηs,h		%		-	142	151
	Annual energy consumption		kWh/a		2,182	2,314	2,836
	Required back up heating cap at design conditions		kW		0		
Space cooling	A Condition (35°C - 27/19)	Pdc	kW		9.5	12.1	13.4
		EERd			3.2	2.61	2.66
		Power input	kW		2.97	4.64	5.04
	B Condition (30°C - 27/19)	Pdc	kW		7	8.92	9.88
		EERd			5.13	4.34	4.71
		Power input	kW		1.36	2.06	2.1
	C Condition (25°C - 27/19)	Pdc	kW		4.5	5.74	6.35
		EERd			7.01	6.36	6.91
		Power input	kW		0.64	0.9	0.92
	D Condition (20°C - 27/19)	Pdc	kW		3.1	3.17	3.97
		EERd			8.59	8.72	8.92
		Power input	kW		0.36		0.45
Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C		-10		
		Pdh (declared heating cap)	kW		6		7.8
		COPd (declared COP)			2.45	2.5	2.06
		Power input	kW		2.45	2.4	3.78
	TBivalent	Tbiv (bivalent temperature)	°C		-10		
		Pdh (declared heating cap)	kW		6		7.8
		COPd (declared COP)			2.45	2.5	2.06
		Power input	kW		2.45	2.4	3.78
	A Condition (-7°C)	Pdh (declared heating cap)	kW		5.31	5.3	6.9
		COPd (declared COP)			2.69	2.72	2.46
	B Condition (2°C)	Power input	kW		1.97	1.95	2.81
		Pdh (declared heating cap)	kW		3.23		4.2
		COPd (declared COP)			3.77	3.53	3.94
Space heating (Average climate)	C Condition (7°C)	Power input	kW		0.86	0.91	1.07
		Pdh (declared heating cap)	kW		2.26	2.27	3.5
		COPd (declared COP)			4.83	4.37	4.98
	D Condition (12°C)	Power input	kW		0.47	0.52	0.7
		Pdh (declared heating cap)	kW		2.57	2.66	4.1
		COPd (declared COP)			5.7	5.36	6.1
		Power input	kW		0.45	0.5	0.67

2 Specifications

2 - 1 Specifications

2

Technical specifications					FBA100A + RZASG100MV	FBA125A + RZASG125MV	FBA140A + RZASG140MV
Power consumption in other than active mode	Crankcase heater mode	Cooling	PCK	kW		0	
		Heating	PCK	kW		0	
	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	
		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	
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.

Technical specifications					FDA125A + RZASG125MV	
Cooling capacity	Nom.		kW		12.1 (1)	
Heating capacity	Nom.		kW		13.5 (2)	
Space cooling	Capacity	Pdesign	kW		12.1	
	SEER				5.03	
	ηs,c		%		198	
	Annual energy consumption		kWh/a		1,444	
Space heating (Average climate)	Capacity	Pdesign	kW		6	
	SCOP/A				3.58	
	SCOPnet/A				3.58	
	ηs,h		%		140	
	Annual energy consumption		kWh/a		2,346	
	Required back up heating cap at design conditions		kW		0	
Space cooling	A Condition (35°C - 27/19)	Pdc	kW		12.1	
		EERd			2.56	
		Power input	kW		4.73	
	B Condition (30°C - 27/19)	Pdc	kW		8.92	
		EERd			4.03	
		Power input	kW		2.21	
	C Condition (25°C - 27/19)	Pdc	kW		5.74	
		EERd			5.89	
		Power input	kW		0.97	
	D Condition (20°C - 27/19)	Pdc	kW		3.1	
		EERd			7.31	
		Power input	kW		0.42	
Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C		-10	
		Pdh (declared heating cap)	kW		6	
		COPd (declared COP)			2.54	
		Power input	kW		2.36	
	TBivalent	Tbiv (bivalent temperature)	°C		-10	
		Pdh (declared heating cap)	kW		6	
		COPd (declared COP)			2.54	
		Power input	kW		2.36	
	A Condition (-7°C)	Pdh (declared heating cap)	kW		5.3	
		COPd (declared COP)			2.76	
		Power input	kW		1.92	
	B Condition (2°C)	Pdh (declared heating cap)	kW		3.23	
		COPd (declared COP)			3.54	
		Power input	kW		0.91	
	C Condition (7°C)	Pdh (declared heating cap)	kW		2.29	
		COPd (declared COP)			4.27	
		Power input	kW		0.54	
	D Condition (12°C)	Pdh (declared heating cap)	kW		2.65	
		COPd (declared COP)			5	
	Power input		kW		0.53	

2 Specifications

2 - 1 Specifications

Technical specifications					FDA125A + RZASG125MV
Power consumption in other than active mode	Crankcase heater mode	Cooling	PCK	kW	0
		Heating	PCK	kW	0
	Off mode	Cooling	POFF	kW	0.015
		Heating	POFF	kW	0.015
	Standby mode	Cooling	PSB	kW	0.015
		Heating	PSB	kW	0.015
	Thermo-stat-off mode	Cooling	PTO	kW	0
		Heating	PTO	kW	0.015
Indication if the heater is equipped with a supplementary heater (pair application)					No
Supplementary heater (pair application)	Back-up capacity	Heating	elbu	kW	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.

Technical specifications					FAA100B + RZASG100MV
Cooling capacity	Nom.			kW	9.5
Heating capacity	Nom.			kW	10.8 (1)
Space cooling	Energy efficiency class				A+
	Capacity	Pdesign		kW	9.5
	SEER				5.83
	Annual energy consumption				570
Space heating (Average climate)	Energy efficiency class				A
	Capacity	Pdesign		kW	6
	SCOP/A				3.85
	SCOPnet/A				3.85
	Annual energy consumption				2,182
	Required back up heating cap at design conditions				0
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	9.5
		EERd			2.7
		Power input		kW	3.52
	B Condition (30°C - 27/19)	Pdc		kW	7
		EERd			4.87
		Power input		kW	1.44
	C Condition (25°C - 27/19)	Pdc		kW	4.5
		EERd			6.85
		Power input		kW	0.66
	D Condition (20°C - 27/19)	Pdc		kW	3
		EERd			10.23
		Power input		kW	0.29
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-10
		Pdh (declared heating cap)		kW	6
		COPd (declared COP)			2.31
		Power input		kW	2.6
	TBivalent	Tbiv (bivalent temperature)		°C	-10
		Pdh (declared heating cap)		kW	6
		COPd (declared COP)			2.31
		Power input		kW	2.6
	A Condition (-7°C)	Pdh (declared heating cap)		kW	5.31
		COPd (declared COP)			2.55
		Power input		kW	2.08
	B Condition (2°C)	Pdh (declared heating cap)		kW	3.23
		COPd (declared COP)			3.68
		Power input		kW	0.88
	C Condition (7°C)	Pdh (declared heating cap)		kW	2.12
		COPd (declared COP)			5.09
		Power input		kW	0.42
	D Condition (12°C)	Pdh (declared heating cap)		kW	2.52
		COPd (declared COP)			6.53
	Power input				0.39

2 Specifications

2 - 1 Specifications

2

Technical specifications					FAA100B + RZASG100MV
Power consumption in other than active mode	Crankcase	Cooling	PCK	kW	0
	heater	Heating	PCK	kW	0
	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
		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
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 heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m.

Technical specifications					FVA100A + RZASG100MV	FVA125A + RZASG125MV	FVA140A + RZASG140MV
Cooling capacity	Nom.	kW			9.5	12.1 (1)	13.4 (1)
Heating capacity	Nom.	kW			10.8 (2)	13.5 (2)	15.5 (2)
Space cooling	Energy efficiency class				A+	-	-
	Capacity	Pdesign	kW		9.5	12.1	13.4
	SEER				5.72	5.52	5.63
	ηs,c		%		-	218	222
	Annual energy consumption		kWh/a		581	1,314	1,429
Space heating (Average climate)	Energy efficiency class				A	-	-
	Capacity	Pdesign	kW			6	7.8
	SCOP/A				3.83	3.64	3.81
	SCOPnet/A				3.83	3.64	3.81
	ηs,h		%		-	143	149
	Annual energy consumption		kWh/a		2,193	2,308	2,866
	Required back up heating cap at design conditions		kW			0	
Space cooling	A Condition (35°C - 27/19)	Pdc	kW		9.5	12.1	13.4
		EERd			3.2	2.47	2.48
		Power input	kW		2.97	4.9	5.41
	B Condition (30°C - 27/19)	Pdc	kW		7	8.92	9.88
		EERd			5.01	4.31	4.56
		Power input	kW		1.4	2.07	2.17
	C Condition (25°C - 27/19)	Pdc	kW		4.5	5.74	6.35
		EERd			6.78	6.26	6.58
		Power input	kW		0.66	0.92	0.97
	D Condition (20°C - 27/19)	Pdc	kW		3	3.07	3.76
		EERd			8.25	9.54	8.88
		Power input	kW		0.36	0.32	0.42
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C		-10	
		PdH (declared heating cap)		kW		6	7.8
		COPd (declared COP)			2.46	2.37	1.99
		Power input		kW	2.44	2.53	3.93
	TBivalent	Tbiv (bivalent temperature)		°C		-10	
		PdH (declared heating cap)		kW		6	7.8
		COPd (declared COP)			2.46	2.37	1.99
		Power input		kW	2.44	2.53	3.93
	A Condition (-7°C)	PdH (declared heating cap)		kW	5.31	5.3	6.9
		COPd (declared COP)			2.7	2.6	2.38
	B Condition (2°C)	Power input		kW	1.97	2.04	2.9
		PdH (declared heating cap)		kW		3.23	4.2
		COPd (declared COP)			3.72	3.51	3.9
		Power input		kW	0.87	0.92	1.08
		PdH (declared heating cap)		kW	2.2	2.19	3.47
		COPd (declared COP)			4.81	4.57	4.99
		Power input		kW	0.46	0.48	0.7
		PdH (declared heating cap)		kW	2.58	2.57	4.07
		COPd (declared COP)			5.82	5.6	6.1
		Power input		kW	0.44	0.46	0.67

2 Specifications

2 - 1 Specifications

Technical specifications					FVA100A + RZASG100MV	FVA125A + RZASG125MV	FVA140A + RZASG140MV
Power consumption in other than active mode	Crankcase heater mode	Cooling	PCK	kW		0	
		Heating	PCK	kW		0	
	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	
		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	
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.

3 - 1 Electrical Data

3

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

4D148942

														Com-pressor		OFM		IFM																Com-pressor		OFM		IFM						
Indoor		Outdoor		Power supply	Voltage range	MCA	TOCA	MFA	MSC	RLA	kW	FLA	kW	FLA	Indoor		Outdoor		Power supply	Voltage range	MCA	TOCA	MFA	MSC	RLA	kW	FLA	kW	FLA	Indoor		Outdoor		Power supply	Voltage range	MCA	TOCA	MFA	MSC	RLA	kW	FLA	kW	FLA
FCAG35BVEB	x3	RZASG100MUUV	50Hz ~ 220-240V	Minimum: -198 V Maximum: 264 V	21.7	-	25	-	19	0.2	1	0.044	x3	0.3 x3	FCAG35BVEB	x4	RZASG140MUUV	50Hz ~ 220-240V	Minimum: -198 V Maximum: 264 V	27.2	-	32	-	24	0.2	1	0.044	x4	0.3 x4															
FCAG50BVEB	x2	RZASG100MUUV			21.4	-	25	-	19	0.2	1	0.039	x2	0.3 x2	FCAG50BVEB	x3	RZASG140MUUV			26.9	-	32	-	24	0.2	1	0.039	x3	0.3 x3															
FCAG100BVEB	x3	RZASG100MUUV			21.5	-	25	-	19	0.2	1	0.117	0		FCAG71BVEB	x2	RZASG140MUUV			26.8	-	32	-	24	0.2	1	0.054	x2	0.4 x2															
FFA35A2VEB9	x3	RZASG100MUUV			22.0	-	25	-	19	0.2	1	0.050	x3	0.4 x3	FCAG140BVEB		RZASG140MUUV			27.0	-	32	-	24	0.2	1	0.168	1																
FFA50A2VEB9	x2	RZASG100MUUV			21.6	-	25	-	19	0.2	1	0.050	x2	0.4 x2	FFA35A2VEB9	x4	RZASG140MUUV			27.7	-	32	-	24	0.2	1	0.050	x4	0.4 x4															
FBA35A2VEB9	x3	RZASG100MUUV			22.7	-	25	-	19	0.2	1	0.089	x3	0.6 x3	FFA50A2VEB9	x3	RZASG140MUUV			27.2	-	32	-	24	0.2	1	0.050	x3	0.4 x3															
FBA50A2VEB9	x2	RZASG100MUUV			22.0	-	25	-	19	0.2	1	0.089	x2	0.6 x2	FBA35A2VEB9	x4	RZASG140MUUV			28.5	-	32	-	24	0.2	1	0.089	x4	0.6 x4															
FBA100A2VEB9	x3	RZASG100MUUV			21.8	-	25	-	19	0.2	1	0.127	1		FBA50A2VEB9	x3	RZASG140MUUV			27.9	-	32	-	24	0.2	1	0.089	x3	0.6 x3															
FNA35A2VEB9	x3	RZASG100MUUV			21.7	-	25	-	19	0.2	1	0.034	x3	0.3 x3	FBA71A2VEB9	x2	RZASG140MUUV			27.0	-	32	-	24	0.2	1	0.070	x2	0.5 x2															
FNA50A2VEB9	x2	RZASG100MUUV			21.8	-	25	-	19	0.2	1	0.060	x2	0.5 x2	FBA140A2VEB9		RZASG140MUUV			27.6	-	32	-	24	0.2	1	0.187	1.5																
FUA1100AVEB9		RZASG100MUUV	22.2	-	25	-	19	0.2	1	0.106	1.3		FNA35A2VEB9	x4	RZASG140MUUV	27.2	-	32	-	24	0.2	1	0.034	x4	0.3 x4																			
FAA1100BUV1B		RZASG100MUUV	21.7	-	25	-	19	0.2	1	0.064	0.9		FNA50A2VEB9	x3	RZASG140MUUV	27.6	-	32	-	24	0.2	1	0.060	x3	0.5 x3																			
FVA100AMVEB		RZASG100MUUV	22.0	-	25	-	19	0.2	1	0.238	1.2		FUA71AVEB9	x2	RZASG140MUUV	27.9	-	32	-	24	0.2	1	0.046	x2	0.9 x2																			
FDXM35F3V1B9	x3	RZASG100MUUV	21.7	-	25	-	19	0.2	1	0.034	x3	0.3 x3	FAA71BUV1B	x2	RZASG140MUUV	26.8	-	32	-	24	0.2	1	0.048	x2	0.5 x2																			
FDXM50F3V1B9	x2	RZASG100MUUV	21.8	-	25	-	19	0.2	1	0.060	x2	0.5 x2	FVA11AMVEB	x2	RZASG140MUUV	27.2	-	32	-	24	0.2	1	0.117	x2	0.6 x2																			
FHA35AVEB9	x3	RZASG100MUUV	22.7	-	25	-	19	0.2	1	0.090	x3	0.6 x3	FVA140AMVEB		RZASG140MUUV	27.5	-	32	-	24	0.2	1	0.276	1.4																				
FHA50AVEB9	x2	RZASG100MUUV	22.0	-	25	-	19	0.2	1	0.090	x2	0.6 x2	FDXM35F3V1B9	x4	RZASG140MUUV	27.2	-	32	-	24	0.2	1	0.034	x4	0.3 x4																			
FHA100AVEB9		RZASG100MUUV	22.2	-	25	-	19																																					

4D148942

4 Options

4 - 1 Options

RZASG-MV_MY

Available options for -RZAG- models

Option		Optionskit			
		RZAG71M7V1B	RZAG100M7V1B	RZAG125M7V1B	RZAG140M7V1B
Bottom plate heater		RZAG71M7Y1B	RZAG100M7Y1B	RZAG125M7Y1B	RZAG140M7Y1B
Refrigerant branch piping	Twin	EKBPH140L7			
	Triple	KHRQ(M)58T			
	Double twin			KHRQ(M)58H	
Demand adaptor kit				SB.KRP58M52	KHRQ(M)58T (3x)

Available options for -RZASG- models

Option		Option kit			
		RZASG71M7V1B	RZAGS100M7V1B	RZAGS125M7V1B	RZAGS140M7V1B
		RZASG71M7Y1B	RZAGS100M7Y1B	RZAGS125M7Y1B	RZAGS140M7Y1B
			RZAGS100MUV	RZAGS125MUV	RZAGS140MUV
			RZAGS100MUY	RZAGS125MUY	RZAGS140MUY
Bottom plate heater					
Refrigerant branch piping	Twin	KHRQ(M)58T			
	Triple		KHRQ(M)58H		
	Double twin		KHRQ(M)58T (3x)		
Demand adaptor kit		SR KRP58M52			

3D108867A

5 Combination table

5 - 1 Combination Table

AZAS-MV / AZAS-MY / RZASG-MV / RZASG-MY

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

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		FCAHG71GVBE	FCAHG100GVBE	FCAHG125GVBE	FCAHG140GVBE	FCAG35AVEB	FCAG50AVEB	FCAG60AVEB	FCAG71AVEB	FCAG100AVEB	FCAG125AVEB	FCAG140AVEB	FFA35A2VEB	FFA50A2VEB	FFA60A2VEB	FBA35A2VEB	FBA50A2VEB	FBA60A2VEB	FBA71A2VEB	FBA100A2VEB	FBA125A2VEB	FBA140A2VEB	FNA35A2VEB	FNA50A2VEB	FNA60A2VEB	FUA71AVEB	FUA100AVEB	FUA125AVEB	FAA71AUEVB	FAA100AUEVB	FDA125A5VEB	
RZAG71M7V1B	RZAG71M7Y1B	P				2							2			2							2				P					
RZAG100M7V1B	RZAG100M7Y1B		P			3	2			P			3	2		3	2			P			3	2				P				
RZAG125M7V1B	RZAG125M7Y1B			P		4	3	2			P		4	3	2	4	3	2			P		4	3	2						P	
RZAG140M7V1B	RZAG140M7Y1B	P			P	4	3	2				P	4	3	2	4	3	2			P		4	3	2		2					
RZASG71M2V1B						2			P				2			2			P			2					P					
RZASG100M7V1B	RZASG100M7Y1B					3	2			P			3	2		3	2			P			3	2				P				
RZASG125M7V1B	RZASG125M7Y1B					4	3	2			P		4	3	2	4	3	2			P		4	3	2				P			
RZASG140M7V1B	RZASG140M7Y1B					4	3	2			P		4	3	2	4	3	2			P		4	3	2		2			2		
RZASG100MUV	RZASG100MUY					3	2			P			3	2		3	2			P			3	2				P				
RZASG125MUV	RZASG125MUY					4	3	2			P		4	3	2	4	3	2			P		4	3	2				P			
RZASG140MUV	RZASG140MUY					4	3		2		P		4	3		4	3		2		P		4	3		2			2			
AZAS71M2V1B																													P			
AZAS100M7V1B	AZAS100M7Y1B									P										P											P	
AZAS125M7V1B	AZAS125M7Y1B										P										P											
AZAS140M7V1B	AZAS140M7Y1B											P										P										
AZAS100MUV	AZAS100MUY									P										P											P	
AZAS125MUV	AZAS125MUY										P											P										
AZAS140MUV	AZAS140MUY											P										P										

Sky Air		Floor standing type				Slim duct			Ceiling-suspended						Duct (medium ESP)			
Model		FVA71AMVEB	FVA100AMVEB	FVA125AMVEB	FVA140AMVEB	FDX35F3V1B	FDX50F3V1B	FDX60F3V1B	FHA35AVEB	FHA50AVEB	FHA60AVEB	FHA71AVEB	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			
RZASG100MUV	RZASG100MUY		P			3	2		3	2			P					
RZASG125MUV	RZASG125MUY			P		4	3	2	4	3	2			P				
RZASG140MUV	RZASG140MUY	2			P	4	3		4	3		2			P			
AZAS71M2V1B																P		
AZAS100M7V1B	AZAS100M7Y1B																P	
AZAS125M7V1B	AZAS125M7Y1B																	P
AZAS140M7V1B	AZAS140M7Y1B																	
AZAS100MUV	AZAS100MUY		P									P					P	
AZAS125MUV	AZAS125MUY			P									P					P
AZAS140MUV	AZAS140MUY				P									P				

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*.

3D108868G

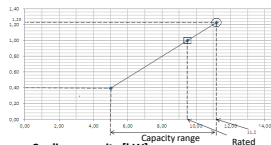
Capacity tables

6 - 1 Cooling/Heating Capacity Tables

RZASG100MV

RZASG100MY

Cooling



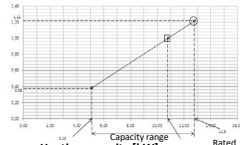
Cooling capacity [kW]

Cooling											
Outdoor temperature (°C DB)											
25				30				35			
TC	SHC	CPI	PI	TC	SHC	CPI	PI	TC	SHC	CPI	PI
16.0	12.1	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
18.0	11.8	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
20.0	11.5	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
22.0	11.2	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
24.0	10.9	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
26.0	10.6	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
28.0	10.3	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
30.0	10.0	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
32.0	9.7	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
34.0	9.4	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
36.0	9.1	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
38.0	8.8	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
40.0	8.5	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00

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



Heating capacity [kW]

Heating											
Outdoor temperature (°C DB)											
-15.0				-10.0				-5.0			
TC	SHC	CPI	PI	TC	SHC	CPI	PI	TC	SHC	CPI	PI
16.0	12.1	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
18.0	11.8	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
20.0	11.5	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
22.0	11.2	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
24.0	10.9	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
26.0	10.6	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
28.0	10.3	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
30.0	10.0	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
32.0	9.7	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
34.0	9.4	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
36.0	9.1	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
38.0	8.8	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
40.0	8.5	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00

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

Pair											
Outdoor temperature (°C DB)											
-15.0				-10.0				-5.0			
TC	SHC	CPI	PI	TC	SHC	CPI	PI	TC	SHC	CPI	PI
16.0	12.1	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
18.0	11.8	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
20.0	11.5	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
22.0	11.2	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
24.0	10.9	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
26.0	10.6	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
28.0	10.3	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
30.0	10.0	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
32.0	9.7	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
34.0	9.4	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
36.0	9.1	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
38.0	8.8	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
40.0	8.5	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00

Pair

	FCAG100B	FAA100B	FVA100A	FHA100A	FUA100A	FBA100A
AFR (BF)	22.8 (0.17)	26.0 (0.10)	28.0 (0.20)	28.0 (0.09)	31.0 (0.20)	29.0 (0.03)

Twin

	FCAG50B X 2	FHA50A9 X 2	FFA50A9 X 2	FDXM50F9 X 2	FBA50A9 X 2	FNA50A9 X 2
AFR (BF)	12.6 x 2 (0.22 x 2)	15.0 x 2 (0.18 x 2)	12.0 x 2 (0.16 x 2)	15.8 x 2 (0.11 x 2)	15.0 x 2 (0.13 x 2)	16.0 x 2 (0.11 x 2)

Triple

	FCAG35B X 3	FHA35A9 X 3	FFA35A9 X 3	FDXM35F9 X 3	FBA35A9 X 3	FNA35A9 X 3
AFR (BF)	12.5 x 3 (0.4 x 3)	14.0 x 3 (0.17 x 3)	10.0 x 3 (0.25 x 3)	8.7 x 3 (0.17 x 3)	15.0 x 3 (0.08 x 3)	8.7 x 3 (0.17 x 3)

Pair

	FCAG100B	FAA100B	FVA100A	FHA100A	FUA100A	FBA100A
Cooling	2,92	3,52	2,97	2,97	2,97	2,97
Heating	2,92	2,85	2,43	2,86	2,85	2,26

Twin

	FCAG50B X 2	FHA50A9 X 2	FFA50A9 X 2	FDXM50F9 X 2	FBA50A9 X 2	FNA50A9 X 2
Cooling	2,57	2,97	3,39	2,44	2,86	2,44
Heating	2,37	2,23	2,33	2,41	2,19	2,23

Triple

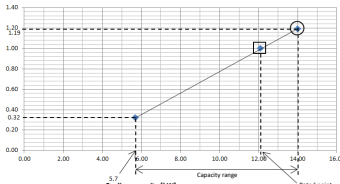
	FCAG35B X 3	FHA35A9 X 3	FFA35A9 X 3	FDXM35F9 X 3	FBA35A9 X 3	FNA35A9 X 3
Cooling	2,32	2,16	2,71	2,57	2,65	2,57
Heating	2,84	2,77	2,14	2,26	1,99	2,31

3D112145E

RZASG125MV

RZASG125MY

Cooling



Cooling capacity [kW]

Cooling											
Outdoor temperature (°C DB)											
25				30				35			
TC	SHC	CPI	PI	TC	SHC	CPI	PI	TC	SHC	CPI	PI
16.0	12.1	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
18.0	11.8	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
20.0	11.5	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
22.0	11.2	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
24.0	10.9	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
26.0	10.6	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
28.0	10.3	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
30.0	10.0	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
32.0	9.7	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
34.0	9.4	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
36.0	9.1	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
38.0	8.8	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00
40.0	8.5	1.00	1.00	14.1	1.05	1.00	1.00	12.0	1.10	1.00	1.00

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.

Pair						
	FCAG125B	FDA125A	FVA125A	FHA125A	FUA125A	FBA125A
AFR	26.0	39.0	28.0	31.0	32.5	34.0
(BF)	(0.21)	(0.16)	(0.16)	(0.14)	(0.19)	(0.06)

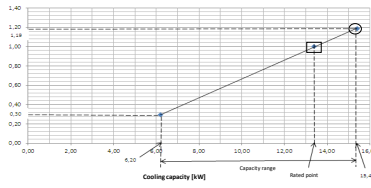
6 Capacity tables

6 - 1 Cooling/Heating Capacity Tables

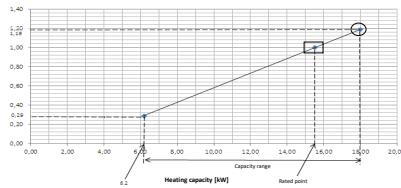
RZASG140MV

RZASG140MY

Cooling



Heating



Cooling

Indoor		Outdoor temperature (°C DB)											
		25			30			35			40		
°C WB	°C DB	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI
16.0	22	15.5	10.47	0.98	14.9	10.25	1.08	14.4	10.03	1.18	13.9	9.69	1.28
18.0	25	16.2	10.55	0.98	15.6	10.21	1.09	15.1	10.01	1.18	14.5	9.71	1.30
19.0	27	16.6	10.43	0.99	16.0	10.18	1.09	15.4	9.98	1.19	14.8	9.76	1.30
19.5	27	16.7	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

Indoor		Outdoor temperature (°C DB)											
		-15		-10		-5		0		6		10	
°C DB	°C WB	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	
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	
20	11.6	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	1.03	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	

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.

Pair	FCAG140B	FVA140A	FHA140A	FBA140A
AFR	26.0	30.0	34.0	34.0
(BF)	(0.23)	(0.18)	(0.17)	(0.06)

Twin	FCAG71B X 2	FAA71B X 2	FHA71A X 2	FUA71A X 2	FBA71A X 2	FVA71A X 2
AFR	15.3 x 2	18.0 x 2	20.5 x 2	23.0 x 2	18.0 x 2	18.0 x 2
(BF)	(0.14 x 2)	(0.16 x 2)	(0.13 x 2)	(0.24 x 2)	(0.13 x 2)	(0.16 x 2)

Triple	FCAG50B X 3	FHA50A X 3	FHA50A X 3	FDXMS0F3 X 3	FBA50A X 3	FNA50A X 3
AFR	12.6 x 3	15.0 x 3	17.0 x 3	15.8 x 3	15.0 x 3	16.0 x 3
(BF)	(0.22 x 3)	(0.18 x 3)	(0.16 x 3)	(0.11 x 3)	(0.13 x 3)	(0.11 x 3)

Double twin	FCAG35B X 4	FHA35A X 4	FHA35A X 4	FDXMS3F3 X 4	FBA35A X 4	FNA35A X 4
AFR	12.5 x 4	14.0 x 4	16.0 x 4	8.7 x 4	15.0 x 4	8.7 x 4
(BF)	(0.4 x 4)	(0.20 x 4)	(0.25 x 4)	(0.17 x 4)	(0.08 x 4)	(0.17 x 4)

Pair	FCAG140B	FVA140A	FHA140A	FBA140A
Cooling	5.15	5.41	5.12	5.04
Heating	3.98	4.42	4.07	3.89

Twin	FCAG71B X 2	FAA71B X 2	FHA71A X 2	FUA71A X 2	FBA71A X 2	FVA71A X 2
Cooling	4.42	4.63	4.18	4.13	4.88	4.72
Heating	3.87	4.46	4.15	3.99	4.45	4.77

Triple	FCAG50B X 3	FHA50A X 3	FHA50A X 3	FDXMS0F3 X 3	FBA50A X 3	FNA50A X 3
Cooling	4.19	4.21	5.16	4.00	4.69	4.00
Heating	3.66	3.91	4.64	4.44	4.29	4.44

Double twin	FCAG35B X 4	FHA35A X 4	FHA35A X 4	FDXMS3F3 X 4	FBA35A X 4	FNA35A X 4
Cooling	3.25	3.93	4.17	4.64	4.39	4.64
Heating	3.97	4.33	4.15	4.42	4.19	4.42

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

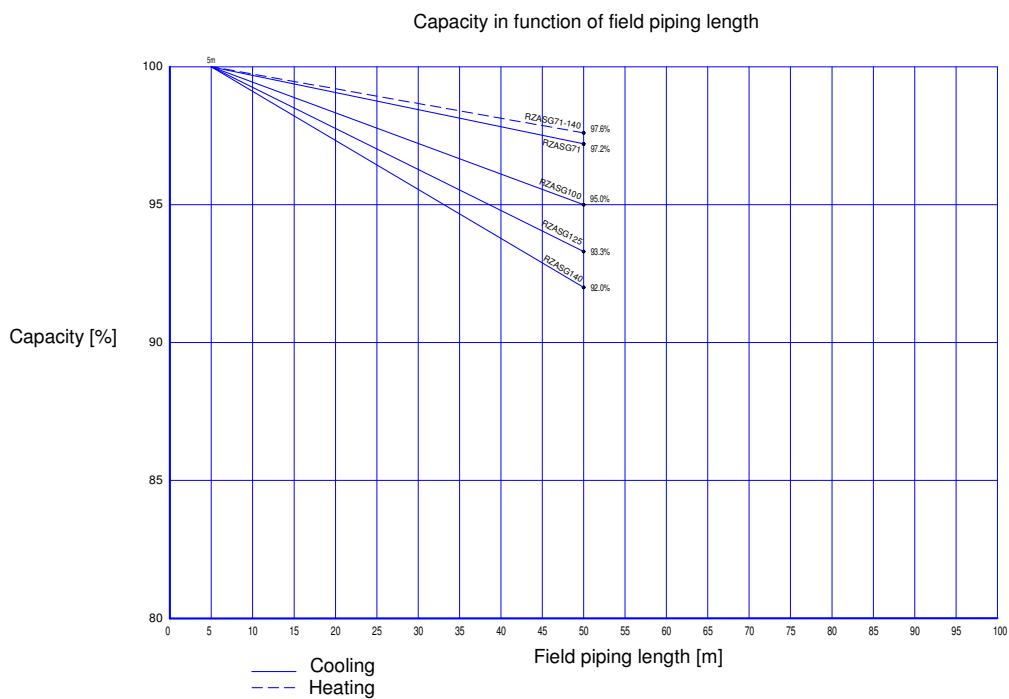
4D148951

6 Capacity tables

6 - 2 Capacity Correction Factor

RZASG-MV
RZASG-MY

6

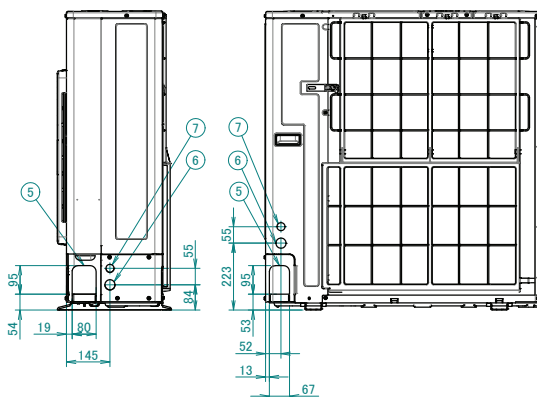
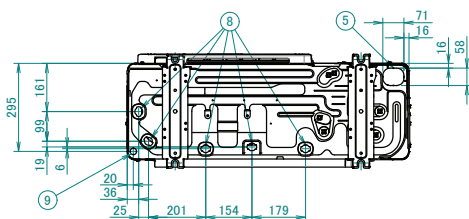


3D112163A

7 - 1 Dimensional Drawings

7

Technical drawing of the rear view of the container. Dimensions are indicated in millimeters (mm). The overall width is 350 mm (range 345-355 mm). The overall height is 30 mm. The distance between the two main horizontal structural members is 37 mm. The distance from the bottom edge to the lower structural member is 55 mm. The distance from the bottom edge to the upper structural member is 30 mm. The distance from the left edge to the center of the structural members is 160 mm. The distance between the two structural members is 620 mm. The distance from the right edge to the center of the structural members is 160 mm. A hole for an anchor bolt 4-M12 is located at the top center. A small detail view of a bolt is shown on the right side.

[illegible]

Applicable model	RZAC 85 -100-12 5 CV1/CY1/C2V1/C2Y1, RZAW 71 -85 CV1 /CY1/C2V1/C2Y1, RZA71C2 Y1, RZA 85-100-125C2V1 /C2Y1, RZAS71 -85C2V1, RXC71 -85C2V1 RZAC36- 48DV1, RZAC100 DV12/RZ AC140DY 12
------------------	---

3D121881D

8 Centre of gravity

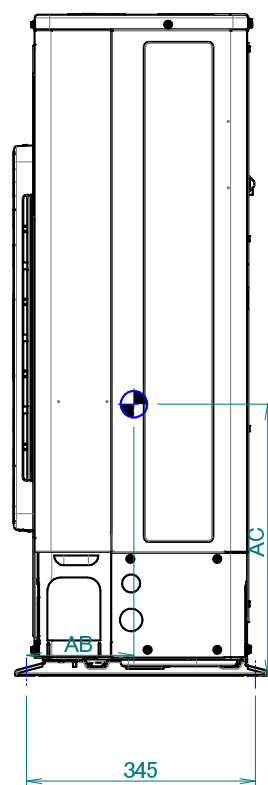
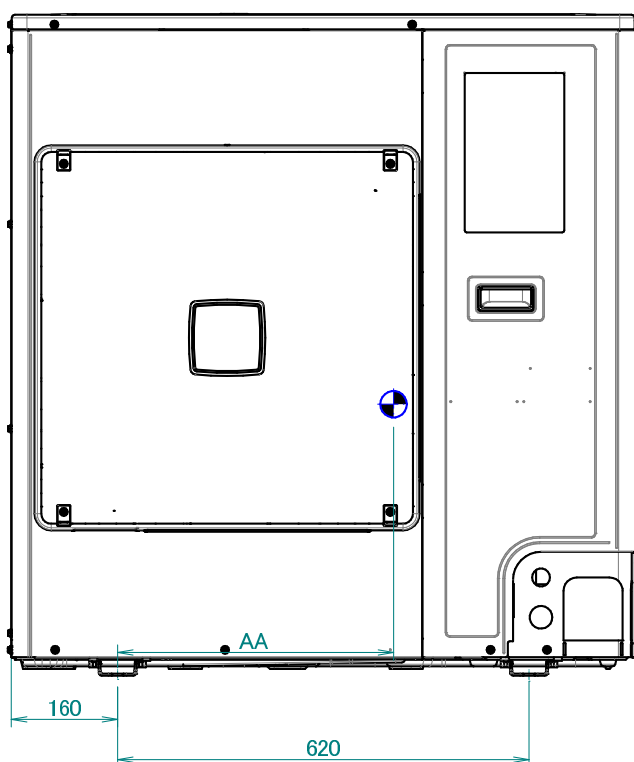
8 - 1 Centre of Gravity

AZAS-MV

AZAS-MY

RZASG-MV

RZASG-MY



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
RZASG100-125MUV/Y / AZAS100-125MUV/Y	425	175	430
RZASG140MUV/Y / AZAS140MUV/Y	425	161	423

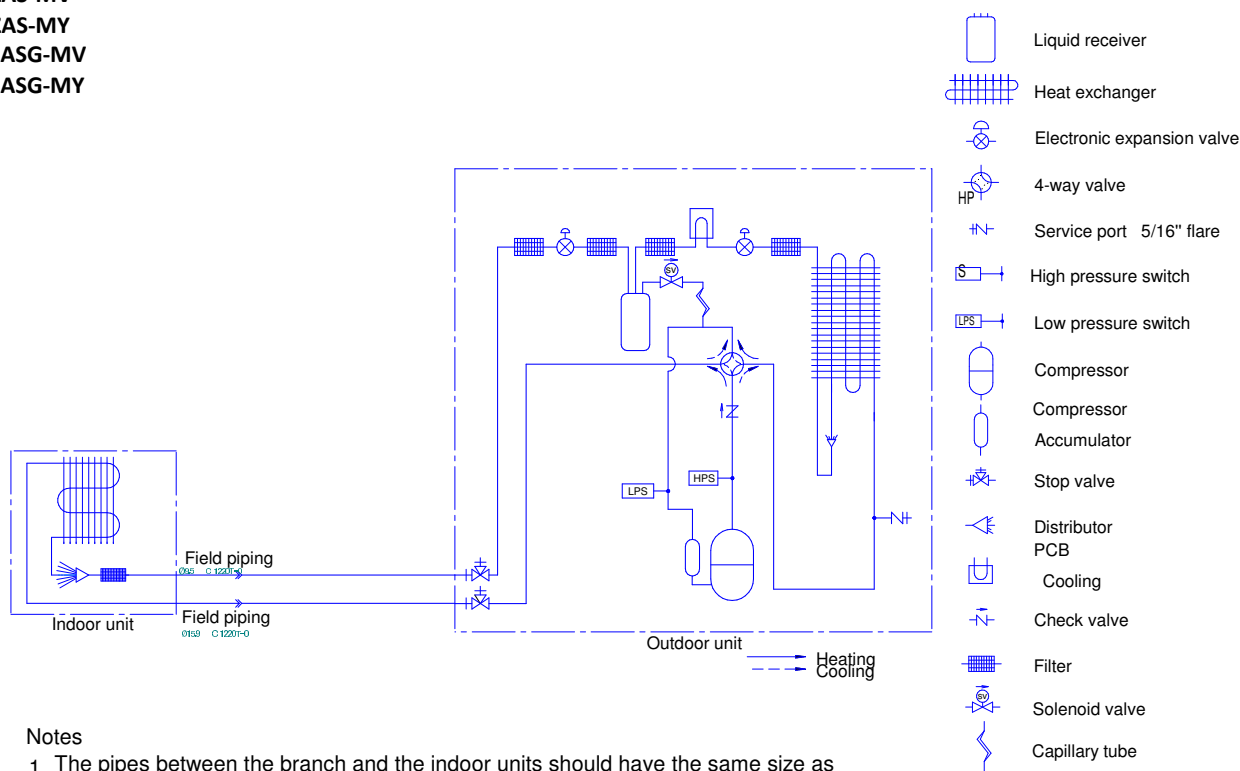
4D110025A

9 Piping diagrams

9 - 1 Piping Diagrams

9

AZAS-MV
AZAS-MY
RZASG-MV
RZASG-MY

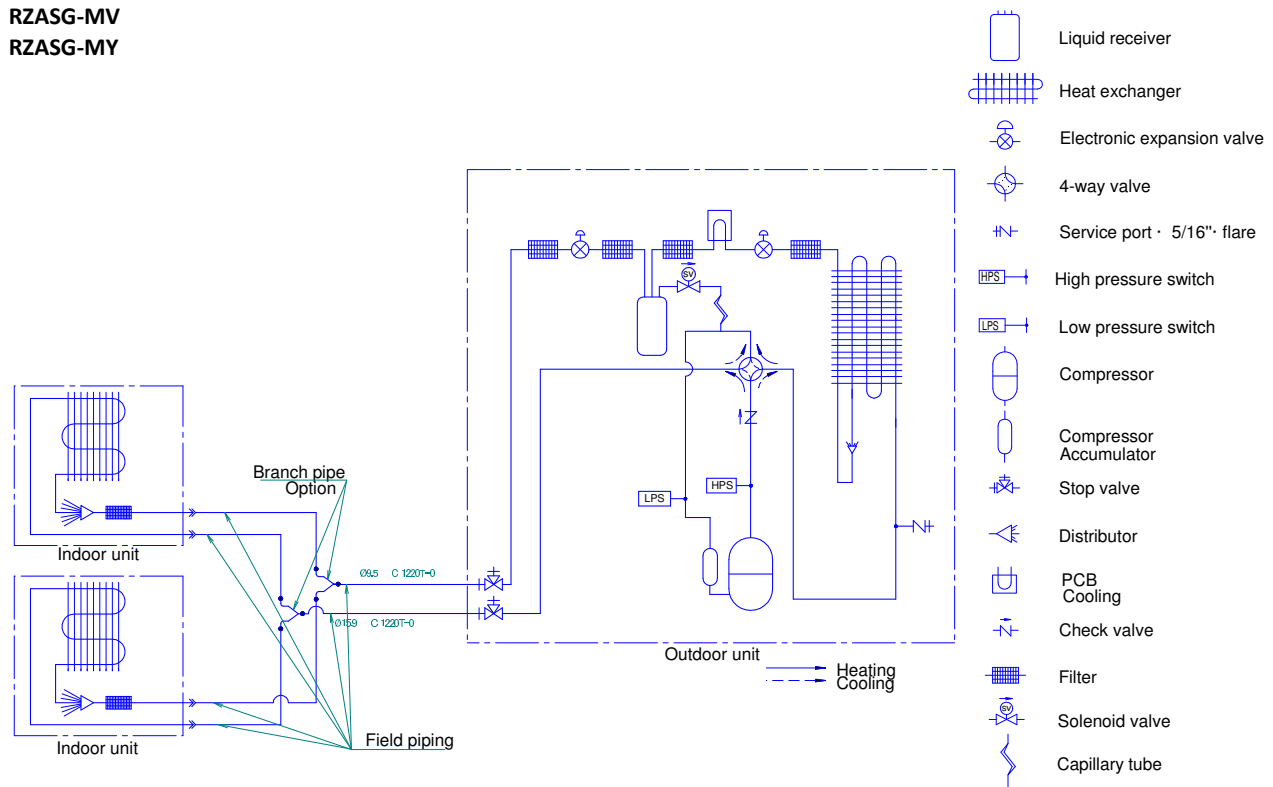


3D148943

9 Piping diagrams

9 - 2 Piping Diagram Twin Application

RZASG-MV
RZASG-MY

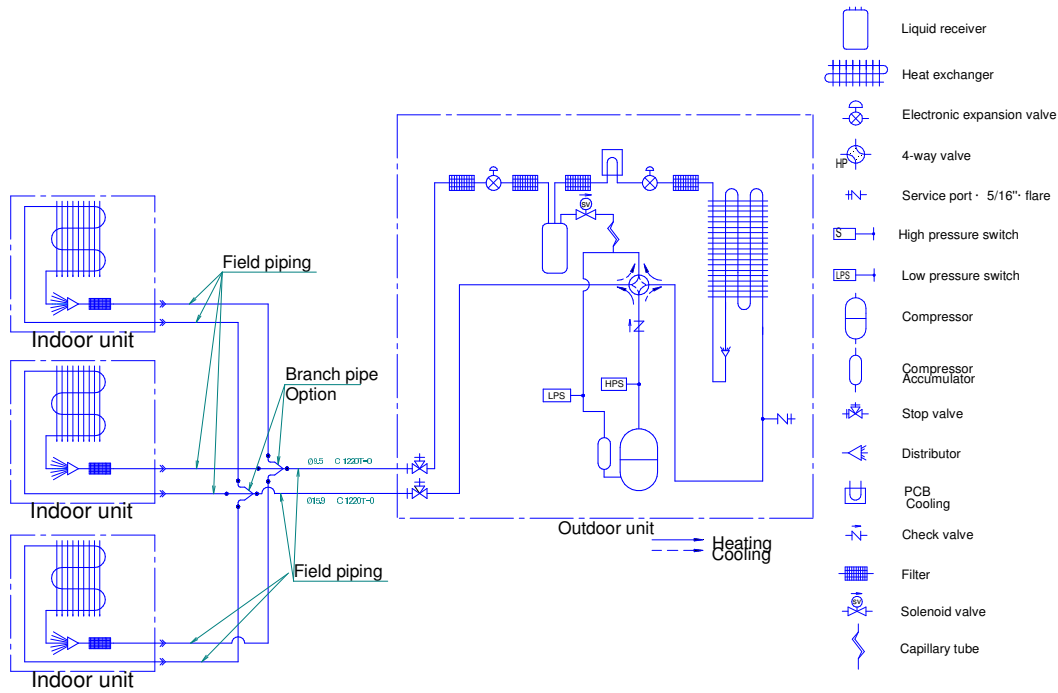


3D148944

9 Piping diagrams

9 - 3 Piping Diagram Triple Application

RZASG-MV
RZASG-MY



Notes

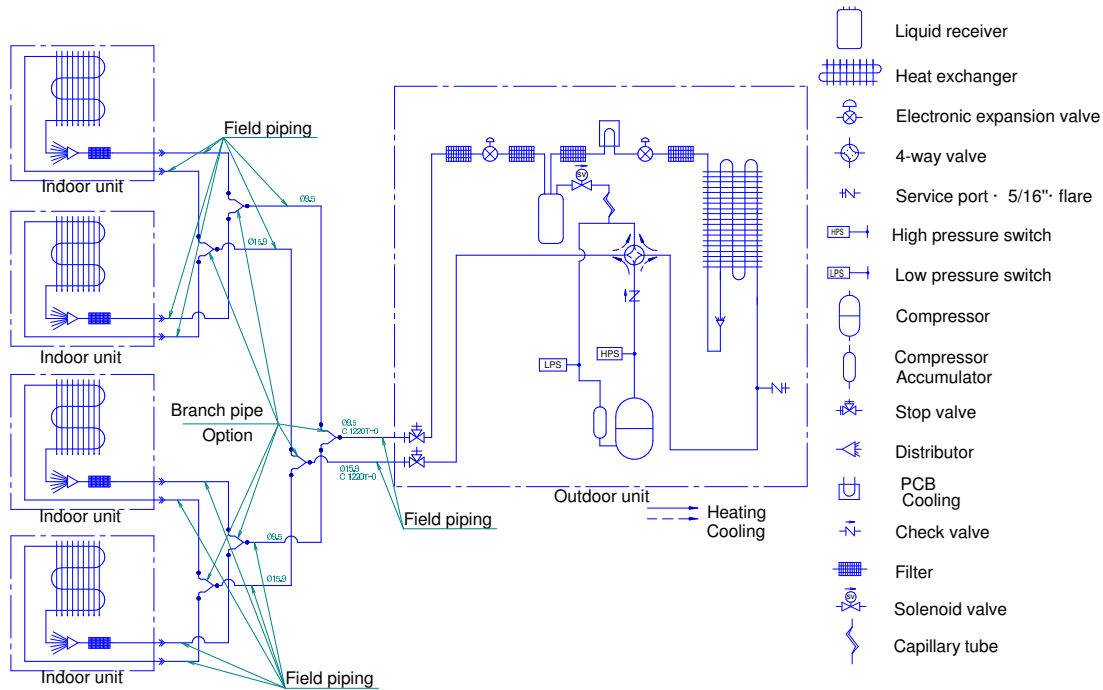
1. The pipes between the branch and the indoor units should have the same size as the indoor connections.

3D148945

9 Piping diagrams

9 - 4 Piping Diagram Double Twin Application

RZASG125-140MV
RZASG125-140MY



Notes

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

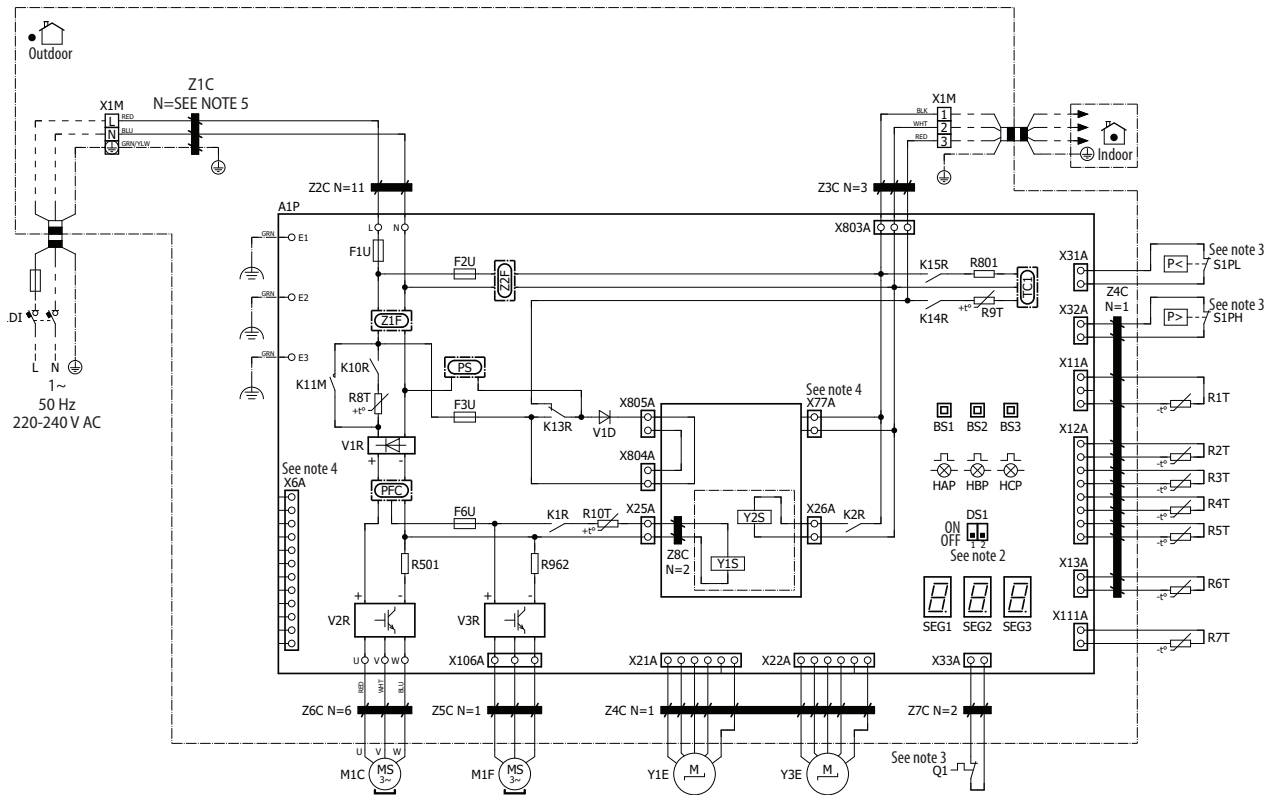
3D148946

10 Wiring diagrams

10 - 1 Wiring Diagrams - Single Phase

10

AZAS100MV RZASG100MV



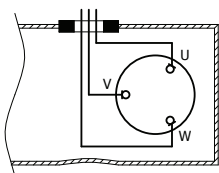
NOTES to go through before starting the unit

- X1M : Main terminal
- : Connection
- : Earth wiring
- - - : Field supply
- ⊕ : Protective earth
- ⊖ : Noiseless earth
- Field wire
- Switch box
- PCB

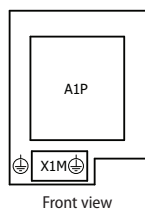
NOTES

1. Colours: BLK: black; RED: red; BLU: blue; WHT: white; GRN: green; YLW: yellow
2. Refer to the wiring diagram sticker (on the back of the front plate) for how to use the BS1~BS3 and DS1 switches.
3. When operating, do not short-circuit protection device(s) Q1, S1PH and S1PL.
4. Refer to the option and service manual for how to connect the wiring to X6A and X77A.
5. Windings L-N: 3, earth: 1

POSITION OF COMPRESSOR TERMINAL



POSITION IN SWITCH BOX



LEGEND

Part n°	Description
A1P	printed circuit board (main)
BS* (A1P)	push-button switch on PCB
DS1 (A1P)	slide switch on PCB
E* (A1P)	terminal (noiseless earth)
F1U (A1P)	fuse T 31.5A 250 V
F2U (A1P)	fuse T6.3A, 250V
F3U (A1P)	fuse T6.3A, 250V
F6U (A1P)	fuse T5A, 250V
H*P (A1P)	light-emitting diode (service monitor is green)

Part n°	Description
K1R (A1P)	magnetic relay (Y15)
K2R (A1P)	magnetic relay (Y25)
K10R, K13R~K15R (A1P)	magnetic relay
K11M (A1P)	magnetic contactor
L* (A1P)	terminal (live)
M1C	compressor motor
M1F	fan motor
N* (A1P)	terminal (neutral)
PFC (A1P)	power factor correction
PS (A1P)	switching power supply
Q1	overload protection
Q1DI	# earth leakage circuit breaker
R1T	thermistor (air)
R2T	thermistor (discharge)
R3T	thermistor (suction)
R4T	thermistor (heat exchanger)
R5T	thermistor (heat exchanger middle)
R6T	thermistor (liquid)
R7T	thermistor (fin)
R8T~R10T (A1P)	thermistor (PTC)
R501~R962 (A1P)	resistor
S1PH	high pressure switch (4.15MPa)
S1PL	low pressure switch (-0.03MPa)
SEG* (A1P)	7-segment display
TC1 (A1P)	signal transceiver circuit
U, V, W (A1P)	terminal (compressor)
V1D (A1P)	diode
V*R (A1P)	diode module / IGBT power module
X*A	connector
X1M	terminal strip
Y1E, Y3E	electronic expansion valve
Y1S	solenoid valve (4-way valve)
Y2S	solenoid valve (gas receiver)
Z*C	noise filter (ferrite core)
Z*F (A1P)	noise filter

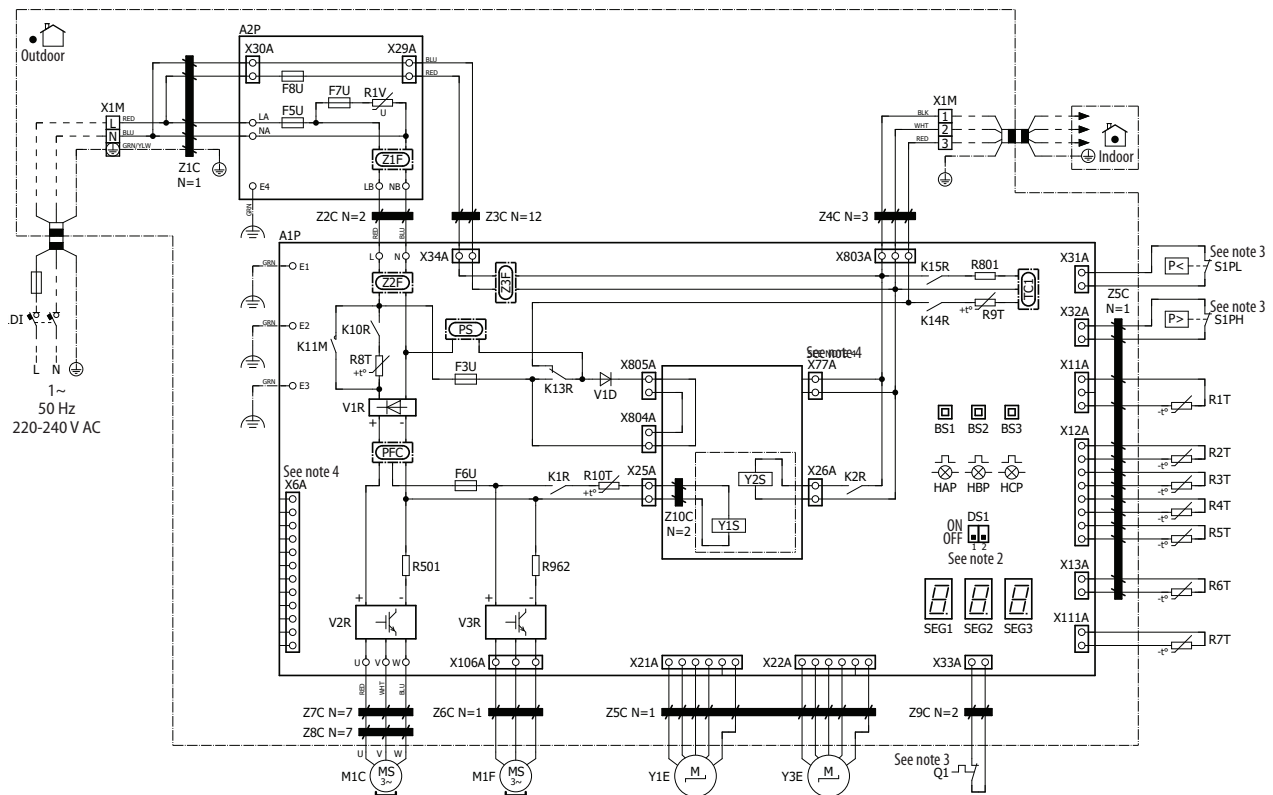
#: field supply

4D146951D

10 Wiring diagrams

10 - 1 Wiring Diagrams - Single Phase

AZAS125MV RZASG125MV



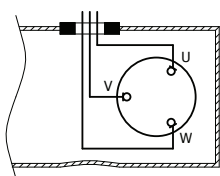
NOTES to go through before starting the unit

- X1M : Main terminal
- : Connection
- : Earth wiring
- - - : Field supply
- ⊕ : Protective earth
- ⊖ : Noiseless earth
- [Symbol] : Field wire
- [Symbol] : Switch box
- [Symbol] : PCB

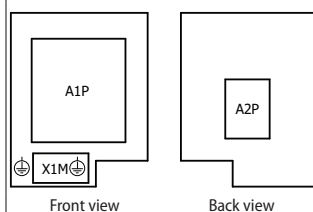
NOTES

- Colours: BLK: black; RED: red; BLU: blue; WHT: white; GRN: green; YLW: yellow
- 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) Q1, S1PH and S1PL.
- Refer to the option and service manual for how to connect the wiring to X6A and X77A.

POSITION OF COMPRESSOR TERMINAL



POSITION IN SWITCH BOX



LEGEND

Part n°	Description
A1P	printed circuit board (main)
A2P	printed circuit board (noise filter)
BS* (A1P)	push-button switch on PCB
DS1 (A1P)	slide switch on PCB
E* (A*P)	terminal (noiseless earth)
F3U (A1P)	fuse T6.3A, 250V
F5U (A2P)	fuse T56A, 250V
F6U (A1P)	fuse T5A, 250V
F7U (A1P)	fuse T6.3A, 250V
F8U (A2P)	fuse T6.3A, 250V

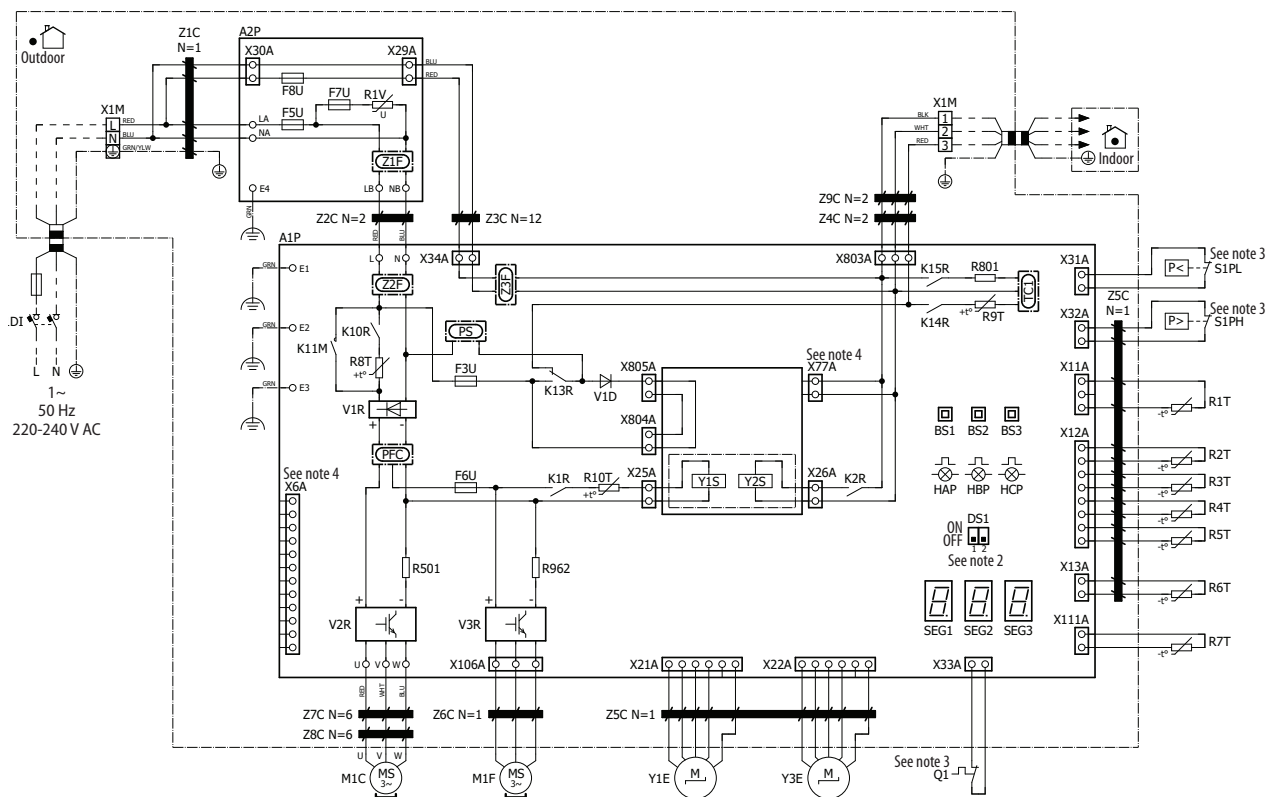
Part n°	Description
H*P (A1P)	light-emitting diode (service monitor is green)
K1R (A1P)	magnetic relay (Y1S)
K2R (A1P)	magnetic relay (Y2S)
K10R, K13R~K15R (A1P)	magnetic relay
K11M (A1P)	magnetic contactor
L* (A*P)	terminal (live)
M1C	compressor motor
M1F	fan motor
N* (A*P)	terminal (neutral)
PFC (A1P)	power factor correction
PS (A1P)	switching power supply
Q1	overload protection
Q1DI	# earth leakage circuit breaker
R1T	thermistor (air)
R2T	thermistor (discharge)
R3T	thermistor (suction)
R4T	thermistor (heat exchanger)
R5T	thermistor (heat exchanger middle)
R6T	thermistor (liquid)
R7T	thermistor (fin)
R8T~R10T (A1P)	thermistor (PTC)
R501~R962 (A1P)	resistor
R1V (A2P)	varistor
S1PH	high pressure switch (4.15MPa)
S1PL	low pressure switch (-0.03MPa)
SEG* (A1P)	7-segment display
TC1 (A1P)	signal transceiver circuit
U, V, W (A1P)	terminal (compressor)
V1D (A1P)	diode
V*R (A1P)	diode module / IGBT power module
X*A	connector
X1M	terminal strip
Y1E, Y3E	electronic expansion valve
Y1S	solenoid valve (4-way valve)
Y2S	solenoid valve (gas receiver)
Z*C	noise filter (ferrite core)
Z*F (A*P)	noise filter

#: field supply

4D146950D

10 - 1 Wiring Diagrams - Single Phase

10



 : Main terminal
 : Connection
 : Earth wiring
 : Field supply
 : Protective earth
 : Noiseless earth

 : Field wire
 : Switch box
 : PCB

1. Colours: BLK: black; RED: red; BLU: blue; WHT: white; GRN: green; YLW: yellow
2. Refer to the wiring diagram sticker (on the back of the front plate) for how to use the BS1~BS3 and DS1 switches.
3. When operating, do not short-circuit protection device(s) Q1, S1PH and S1PL.
4. Refer to the option and service manual for how to connect the wiring to X6A and X7A.

The diagram shows a circuit with a battery on the left and a circular load on the right. The battery is represented by two parallel vertical lines of unequal length. Wires connect the battery to the circular load. One wire goes from the positive terminal of the battery, through a switch, to a terminal labeled 'U' at the top of the circle. Another wire goes from the negative terminal of the battery to a terminal labeled 'W' at the bottom of the circle. A third terminal labeled 'V' is located on the left side of the circle, connected to the same wire that leads to terminal 'W'.

Part n°	Description
A1P	printed circuit board (main)
A2P	printed circuit board (noise filter)
B5* (A1P)	push-button switch on PCB
DS1 (A1P)	slide switch on PCB
E* (A*P)	terminal (noiseless earth)
F3U (A1P)	fuse T6.3A, 250V
F5U (A2P)	fuse T56A, 250V
F6U (A1P)	fuse T5A, 250V
F7U (A1P)	fuse T6.3A, 250V
F8U (A2P)	fuse T6.3A, 250V

Part n°	Description
H*P (A1P)	light-emitting diode (service monitor is green)
K1R (A1P)	magnetic relay (Y1S)
K2R (A1P)	magnetic relay (Y2S)
K10R, K13R~K15R (A1P)	magnetic relay
K11M (A1P)	magnetic contactor
L* (A*P)	terminal (live)
M1C	compressor motor
M1F	fan motor
N* (A*P)	terminal (neutral)
PFC (A1P)	power factor correction
PS (A1P)	switching power supply
Q1	overload protection
Q1DI	# earth leakage circuit breaker
R1T	thermistor (air)
R2T	thermistor (discharge)
R3T	thermistor (suction)
R4T	thermistor (heat exchanger)
R5T	thermistor (heat exchanger middle)
R6T	thermistor (liquid)
R7T	thermistor (fin)
R8T~R10T (A1P)	thermistor (PTC)
R501~R962 (A1P)	resistor
R1V (A2P)	varistor
S1PH	high pressure switch (4.15MPa)
S1PL	low pressure switch (-0.03MPa)
SEG* (A1P)	7-segment display
TC1 (A1P)	signal transceiver circuit
U, V, W (A1P)	terminal (compressor)
V1D (A1P)	diode
V*R (A1P)	diode module / IGBT power module
X*A	connector
X1M	terminal strip
Y1E, Y3E	electronic expansion valve
Y1S	solenoid valve (4-way valve)
Y2S	solenoid valve (gas receiver)
Z*C	noise filter (ferrite core)
Z*F (A*P)	noise filter

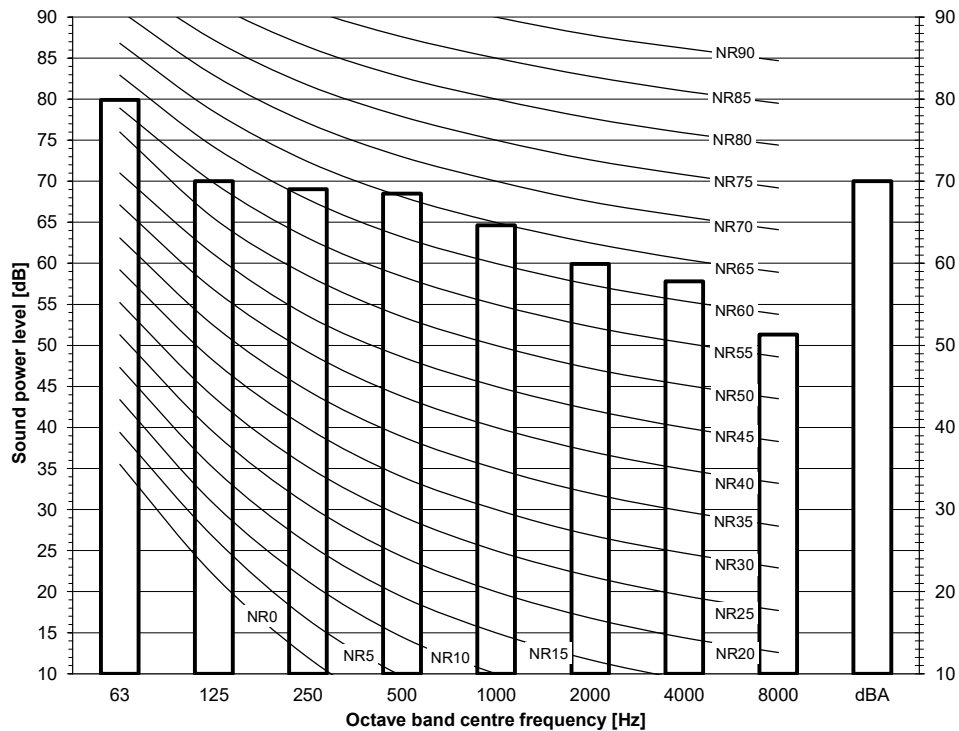
#: field supply

28

11 Sound data

11 - 1 Sound Power Spectrum - Cooling

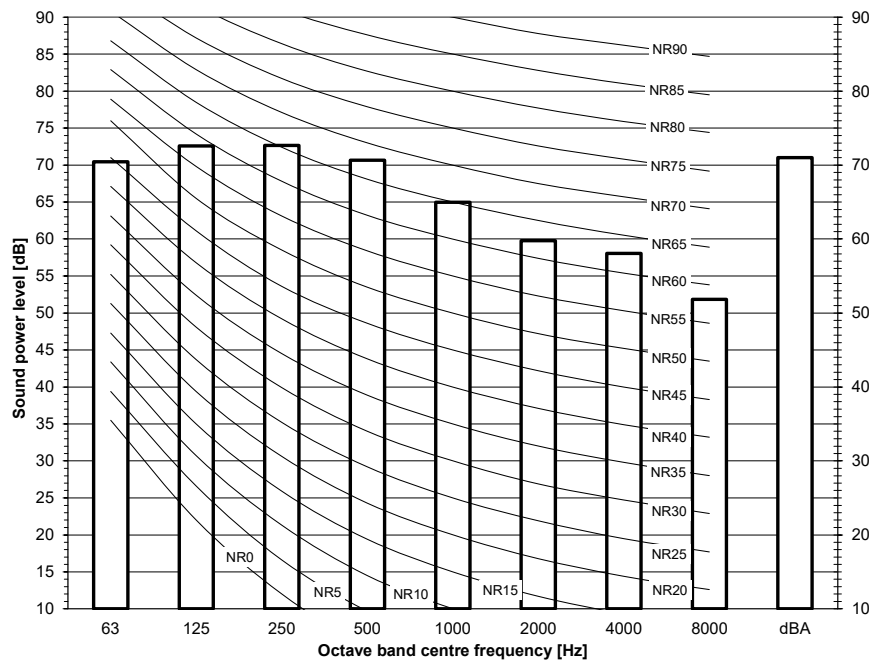
AZAS100MV
AZAS100MY
RZASG100MV
RZASG100MY



Notes
- dBA = A-weighted sound power level (A scale according to IEC).
- Reference acoustic intensity 0dB = $-10E-6\mu W/m^2$.
- Measured according to ISO 3744

4D148922

AZAS125MV
AZAS125MY
RZASG125MV
RZASG125MY



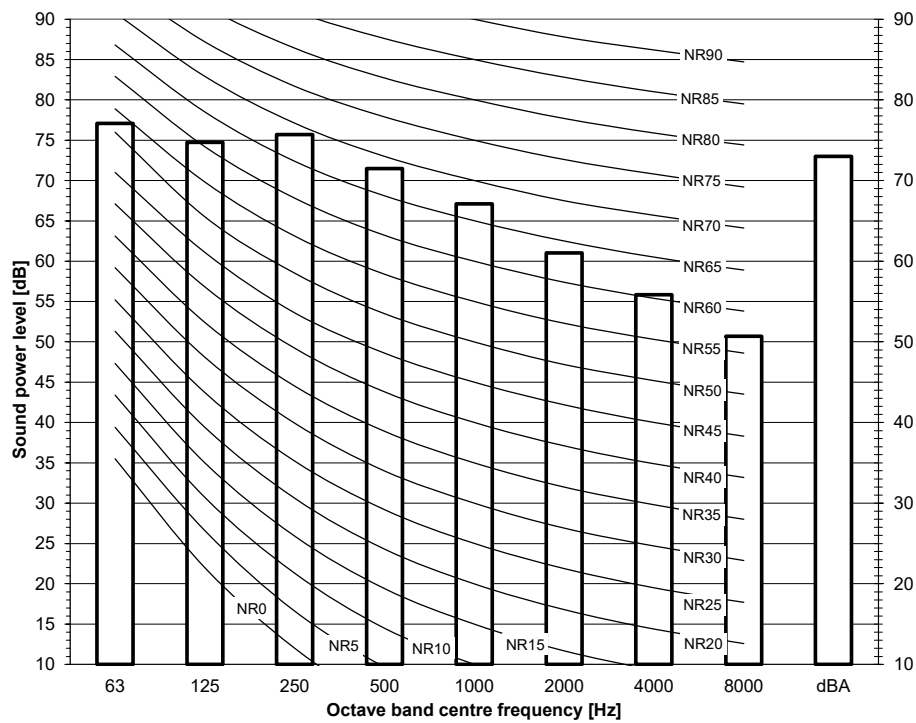
Notes
- dBA = A-weighted sound power level (A scale according to IEC).
- Reference acoustic intensity 0dB = $-10E-6\mu W/m^2$.
- Measured according to ISO 3744

4D148923

11 Sound data

11 - 1 Sound Power Spectrum - Cooling

AZAS140MV
AZAS140MY
RZASG140MV
RZASG140MY



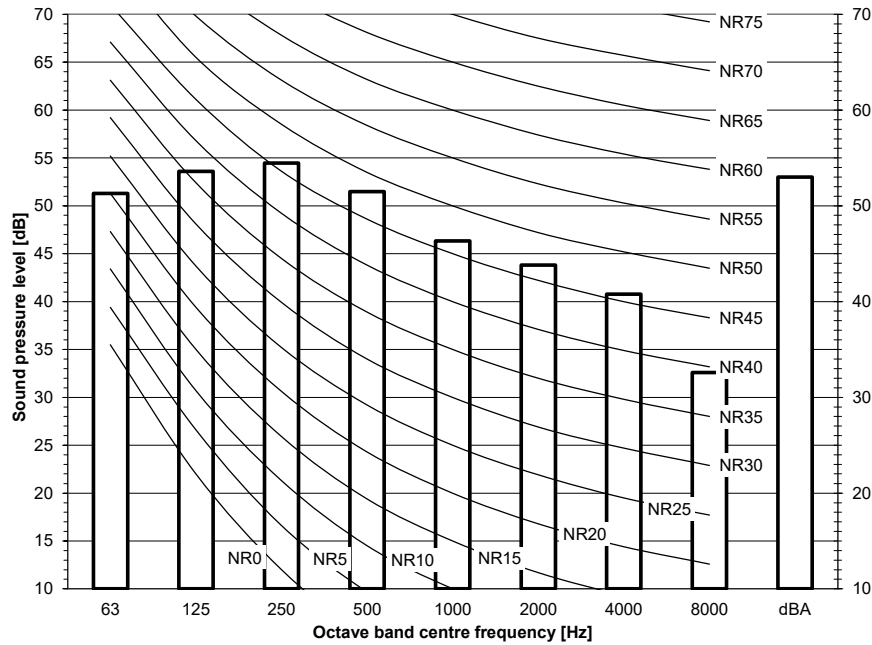
Notes
- dBA = A-weighted sound power level (A scale according to IEC).
- Reference acoustic intensity $0 \text{ dB} = 10^{-6} \text{ W/m}^2$.
- Measured according to ISO 3744

4D148924

11 Sound data

11 - 2 Sound Pressure Spectrum - Cooling

AZAS100MV
AZAS100MY
RZASG100MV
RZASG100MY

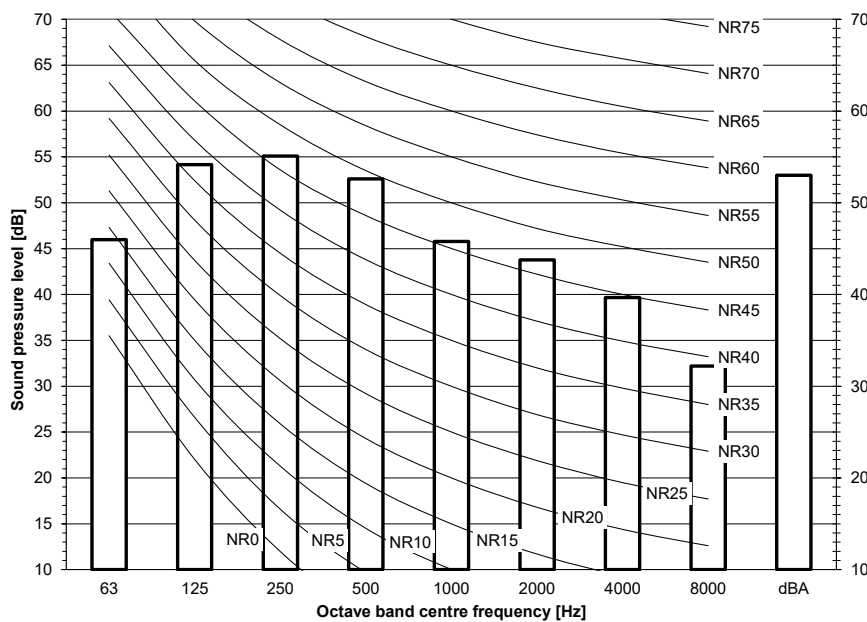


Notes

- 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

4D148937

AZAS125MV
AZAS125MY
RZASG125MV
RZASG125MY



Notes

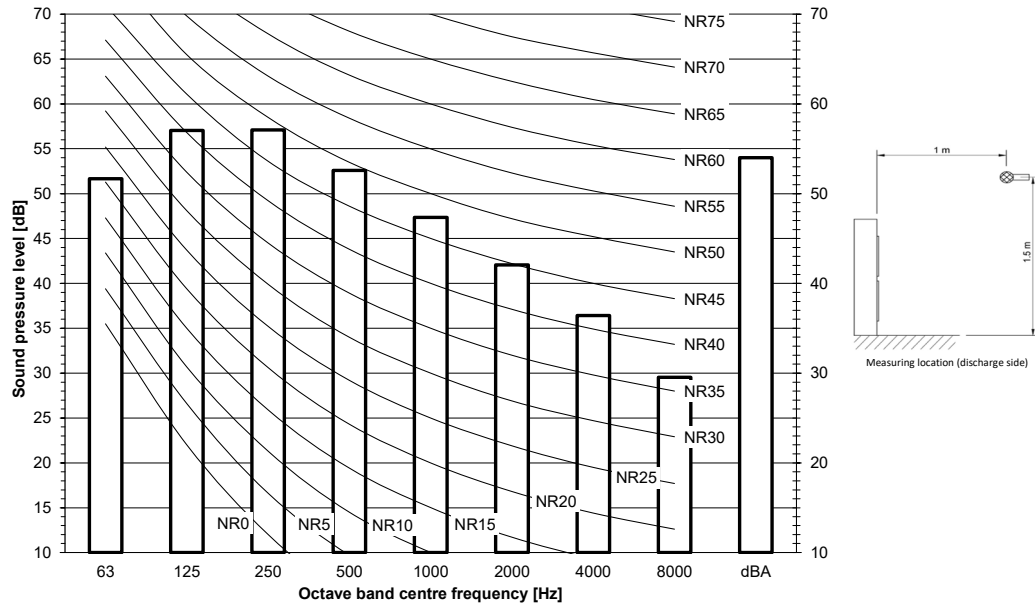
- Data is valid at free field condition.
- Data is valid at nominal operation condition.
- dBA = A-weighted sound pressure level (A scale according to IEC).
- Reference acoustic pressure 0 dB = 20 μ Pa

4D148938

11 Sound data

11 - 2 Sound Pressure Spectrum - Cooling

AZAS140MV
AZAS140MY
RZASG140MV
RZASG140MY



Notes

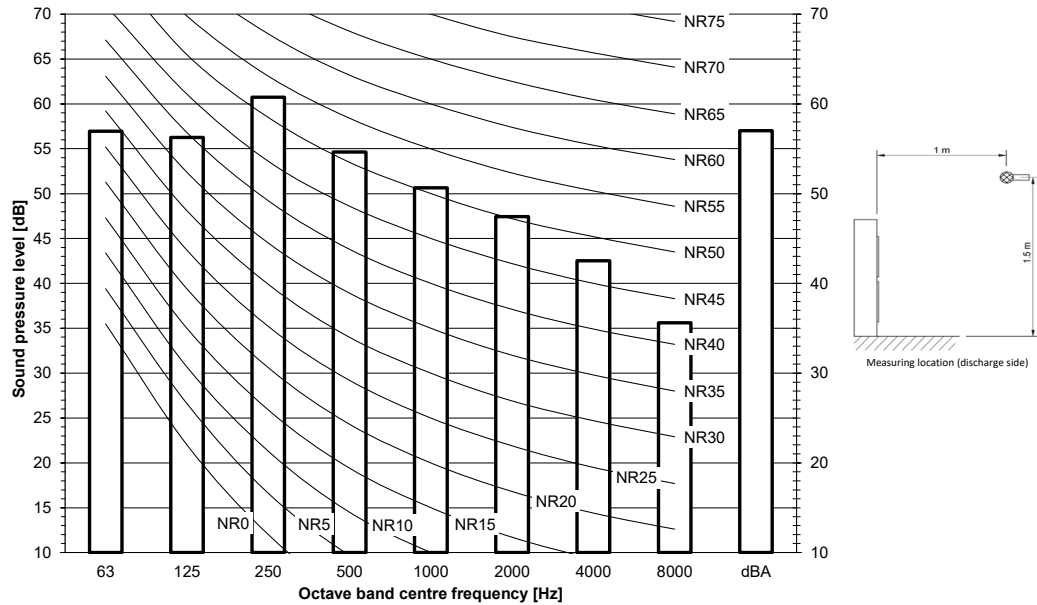
- Data is valid at free field condition.
- Data is valid at nominal operation condition.
- dBA = A-weighted sound pressure level (A scale according to IEC).
- Reference acoustic pressure 0 dB = 20 μ Pa

4D148939

11 Sound data

11 - 3 Sound Pressure Spectrum - Heating

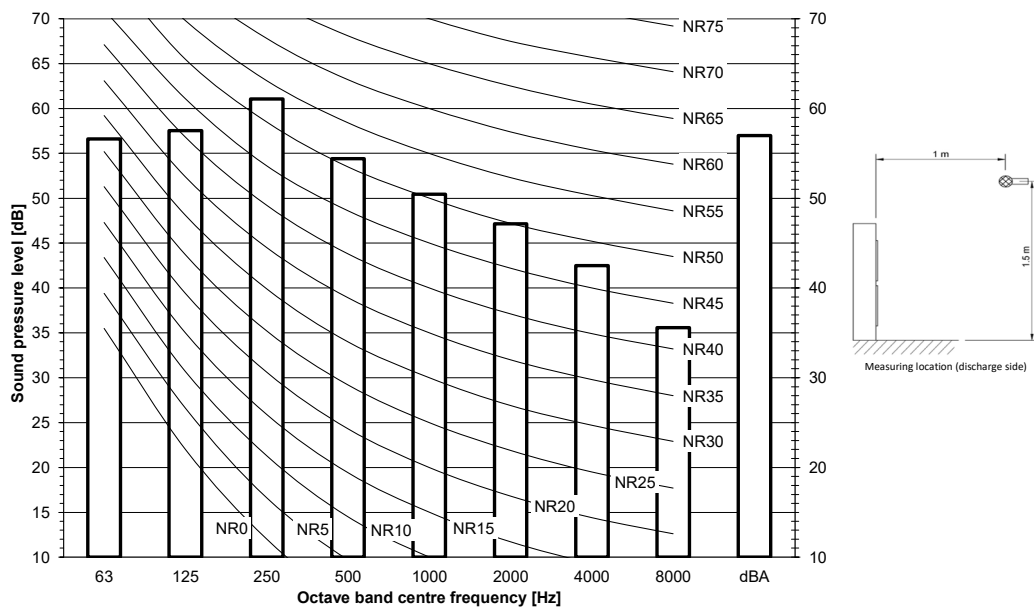
AZAS100MV
AZAS100MY
RZASG100MV
RZASG100MY



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

4D148934

AZAS125MV
AZAS125MY
RZASG125MV
RZASG125MY



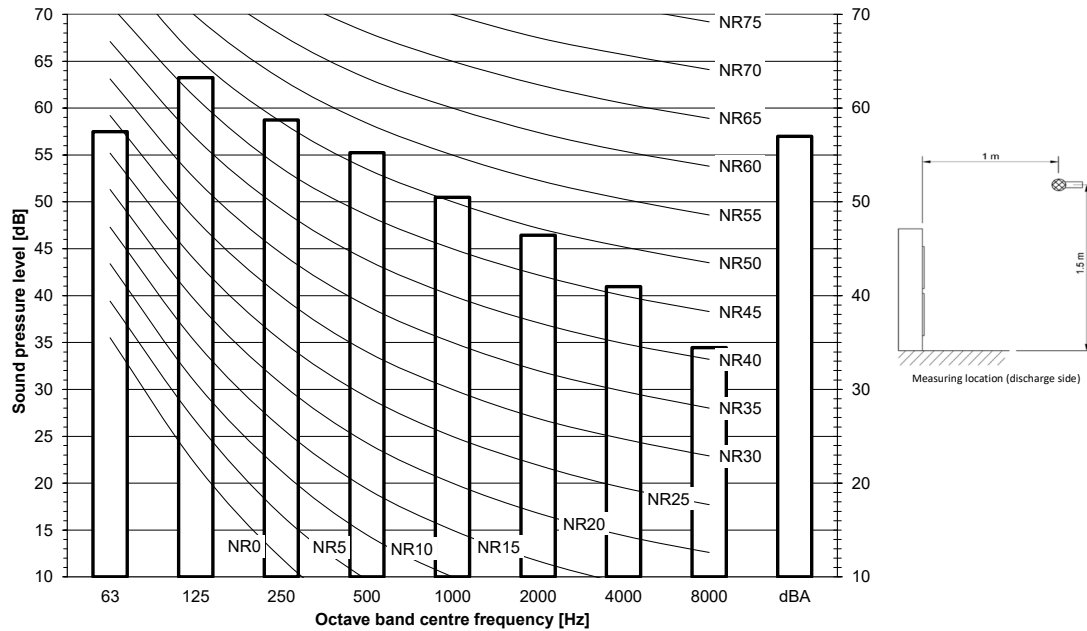
Notes
- Data is valid at free field condition.
- Data is valid at nominal operation condition.
- dBA = A-weighted sound pressure level (A scale according to IEC).
- Reference acoustic pressure 0 dB = 20 µPa

4D148935

11 Sound data

11 - 3 Sound Pressure Spectrum - Heating

AZAS140MV
AZAS140MY
RZASG140MV
RZASG140MY



Notes

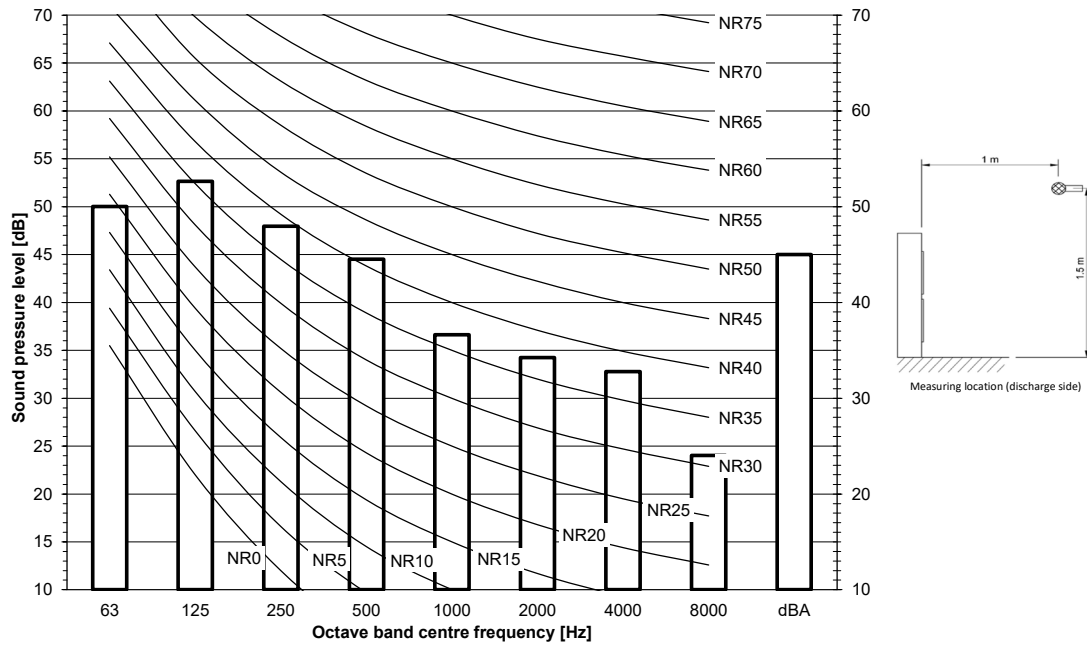
- Data is valid at free field condition.
- Data is valid at nominal operation condition.
- dBA = A-weighted sound pressure level (A scale according to IEC).
- Reference acoustic pressure 0 dB = 20 μ Pa

4D148936

11 Sound data

11 - 4 Sound Pressure Spectrum Quiet Mode

AZAS100MV
AZAS100MY
RZASG100MV
RZASG100MY

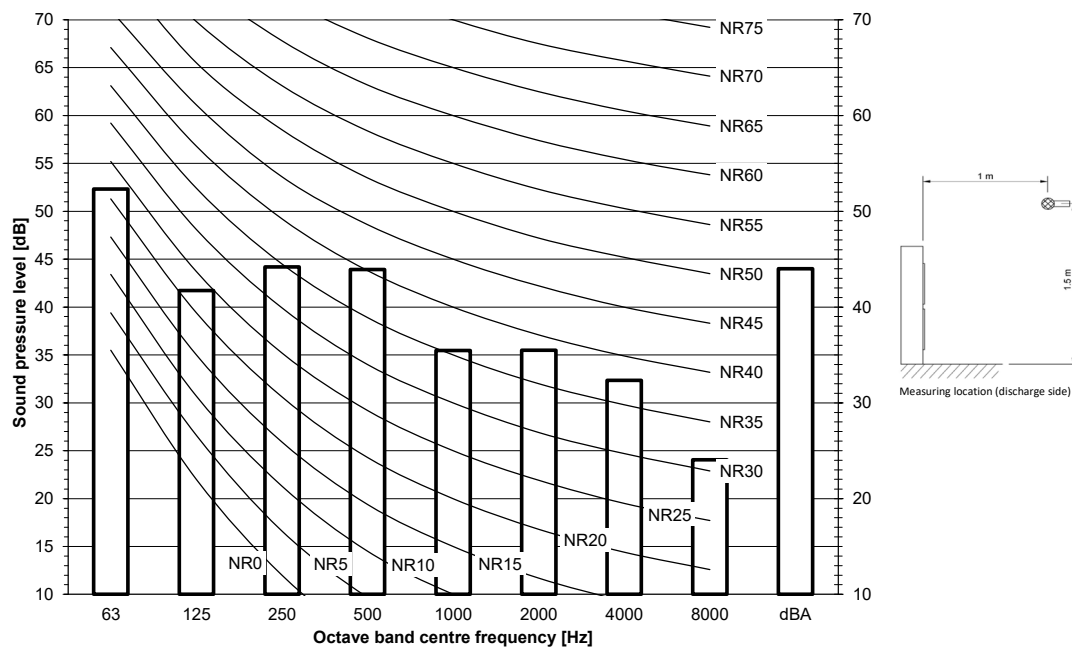


Notes

- 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

4D148925

AZAS100MV
AZAS100MY
RZASG100MV
RZASG100MY



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

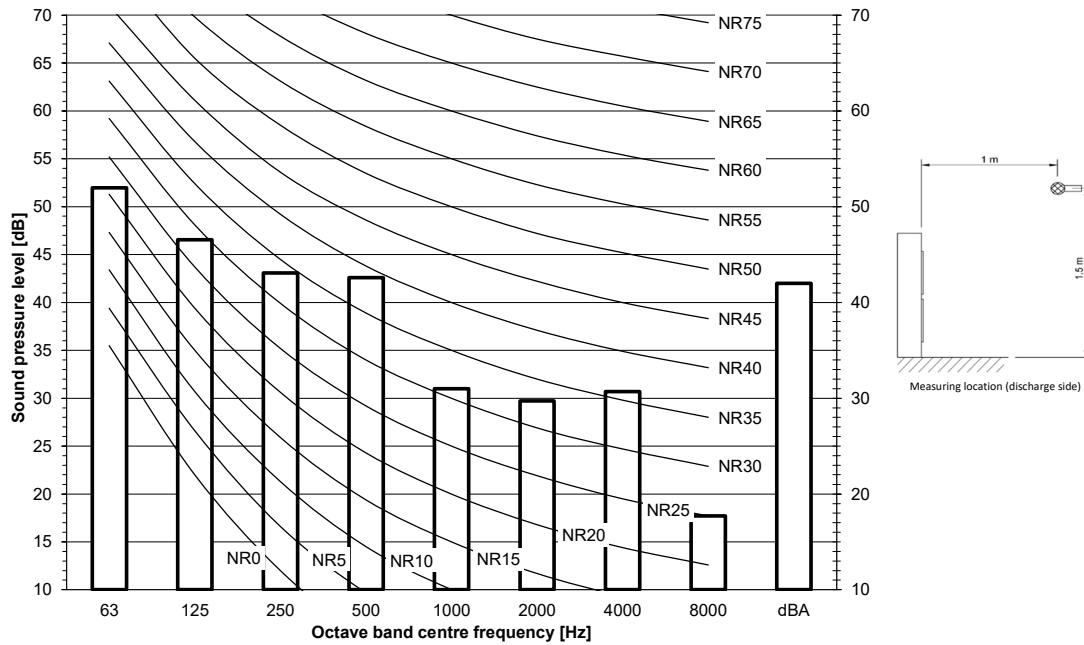
4D148926

11 Sound data

11 - 4 Sound Pressure Spectrum Quiet Mode

11

AZAS100MV
AZAS100MY
RZASG100MV
RZASG100MY

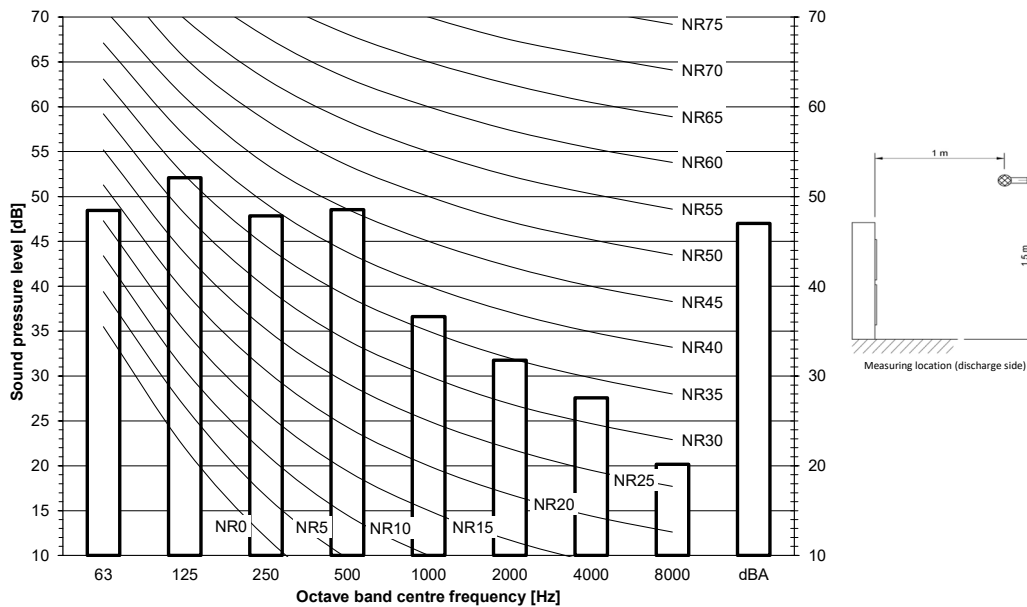


Notes

- 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

4D148927

AZAS125MV
AZAS125MY
RZASG125MV
RZASG125MY



Notes

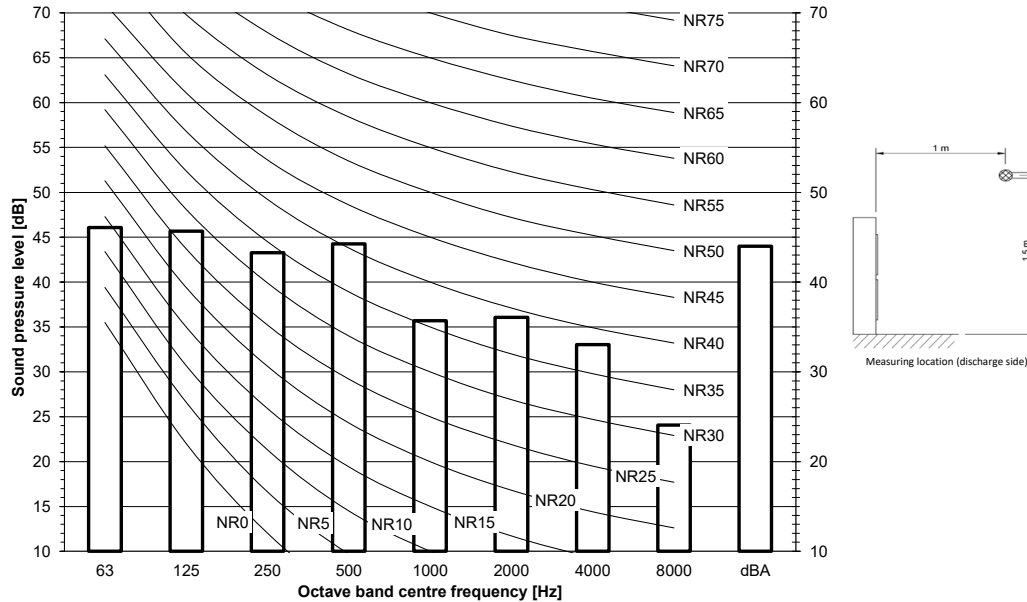
- Data is valid at free field condition.
- Data is valid at nominal operation condition.
- dBA = A-weighted sound pressure level (A scale according to IEC).
- Reference acoustic pressure 0 dB = 20 μ Pa

4D148928

11 Sound data

11 - 4 Sound Pressure Spectrum Quiet Mode

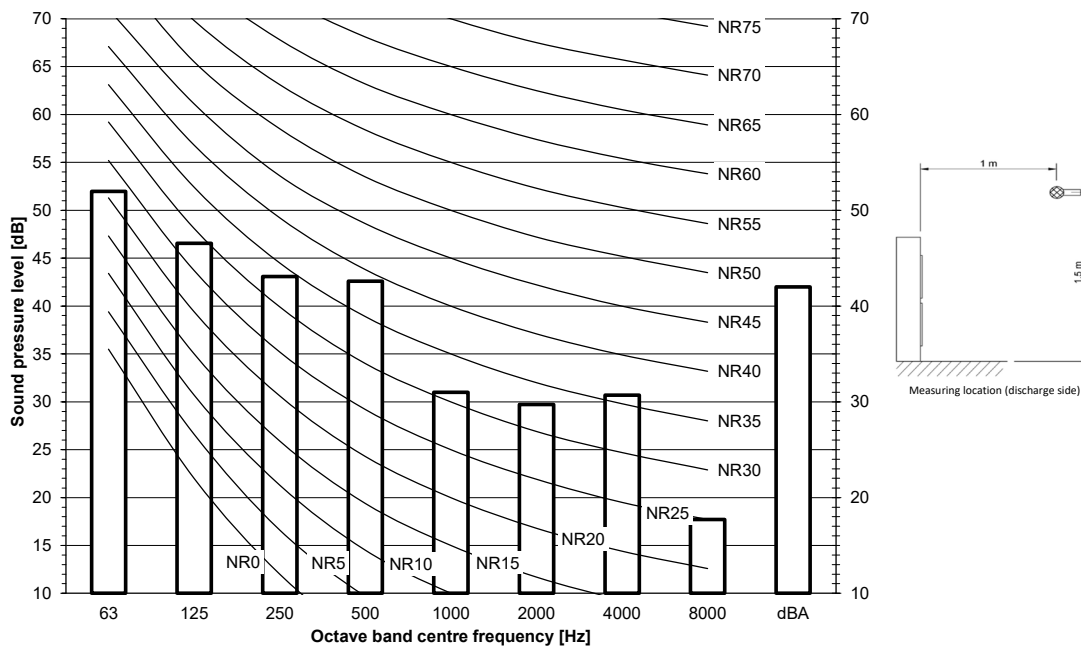
AZAS125MV
AZAS125MY
RZASG125MV
RZASG125MY



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

4D148929

AZAS125MV
AZAS125MY
RZASG125MV
RZASG125MY



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

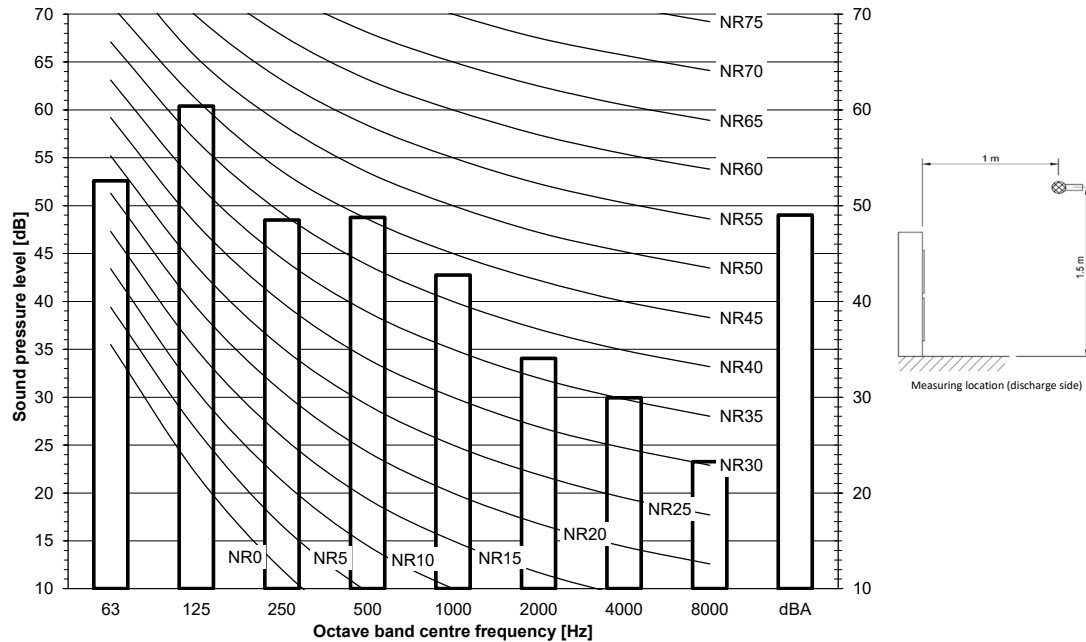
4D148930

11 Sound data

11 - 4 Sound Pressure Spectrum Quiet Mode

11

AZAS140MV
AZAS140MY
RZASG140MV
RZASG140MY

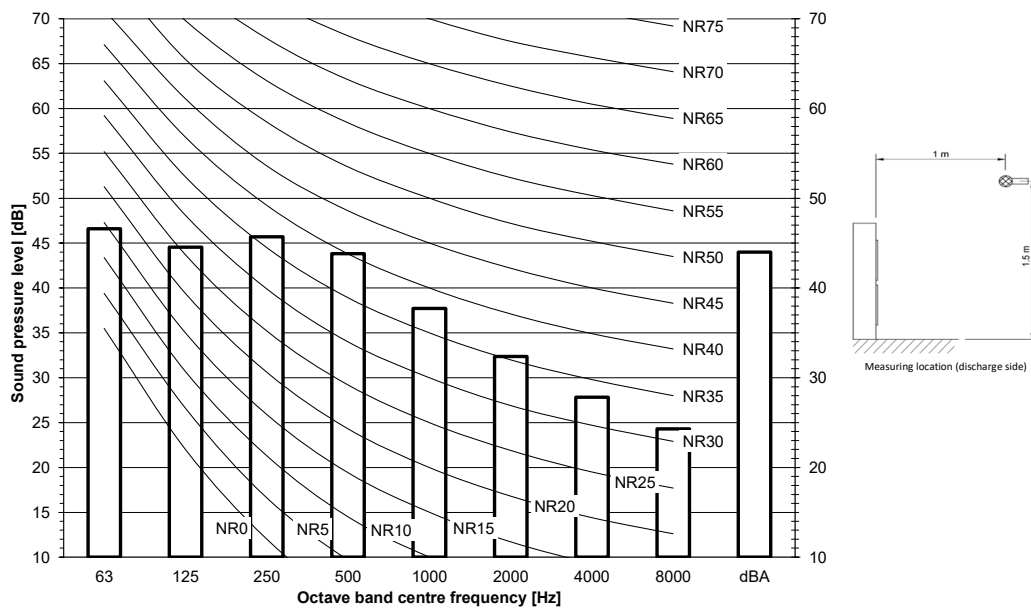


Notes

- 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

4D148931

AZAS140MV
AZAS140MY
RZASG140MV
RZASG140MY



Notes

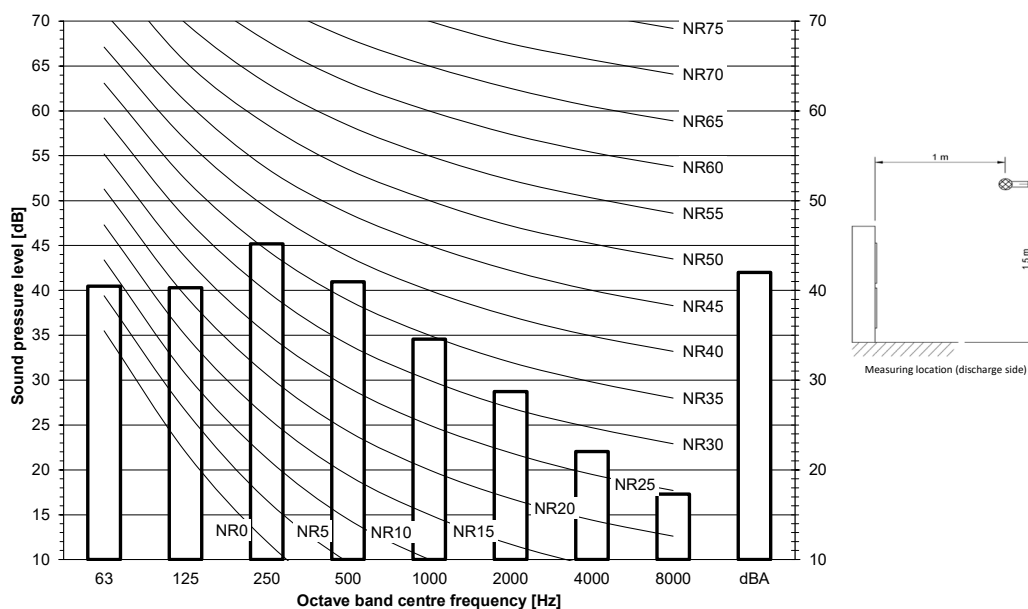
- Data is valid at free field condition.
- Data is valid at nominal operation condition.
- dBA = A-weighted sound pressure level (A scale according to IEC).
- Reference acoustic pressure 0 dB = 20 μ Pa

4D148932

11 Sound data

11 - 4 Sound Pressure Spectrum Quiet Mode

AZAS140MV
AZAS140MY
RZASG140MV
RZASG140MY



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

4D148933

12 Installation

12 - 1 Installation Method

12

AZAS-MV/AZAS-MY/RZASG-MV/RZASG-MY

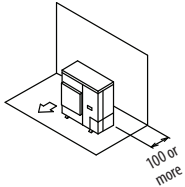
Installation servicing space

(The unit of the values is mm.)

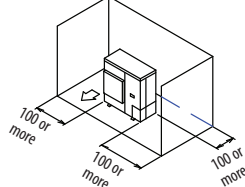
Installation of single unit

When nothing is obstructing the top

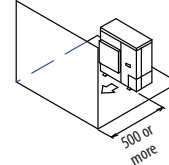
(1) In case obstacles exist only in front of the air inlet.



(2) In case obstacles exist in front of the air inlet and on both sides of the unit.

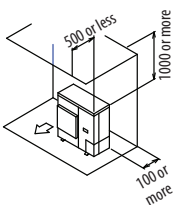


(3) In case obstacles exist only in front of outlet side.

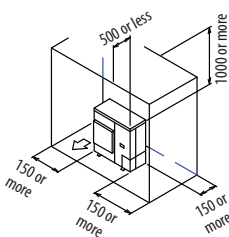


When something is obstructing the top

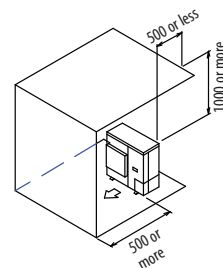
(1) In case obstacles exist in front of the air inlet.



(2) In case obstacles exist in front of the air inlet and on both sides of the unit.



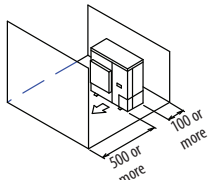
(3) In case obstacles exist in front of outlet side.



In case obstacles exist in front of both the air inlet and outlet sides

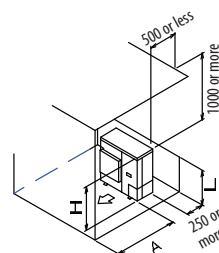
Pattern 1 Where obstacle in front of the air outlet is higher than the unit.

(1) When nothing is obstructing the top.
(There is no height limit for obstructions on the intake side.)



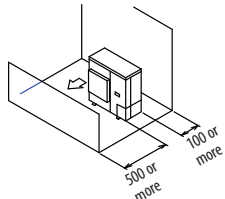
(2) When something is obstructing the top.
Relation of dimensions of H, A, and L are shown in the table below

	L	A
$L \leq H$	$0 < L \leq 1/2H$	750 or more
	$1/2H < L \leq H$	1000 or more
$L > H$	Set the frame to be $L \leq H$. Refer to the column of $L \leq H$ for A.	



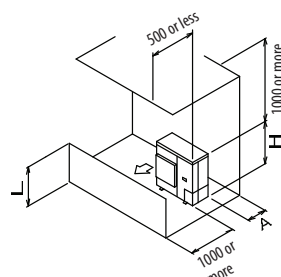
Pattern 2 Where obstacles in front of the air outlet is lower than the unit.

(1) When nothing is obstructing the top.
(There is no height limit for obstructions on the intake side.)



(2) When something is obstructing the top.
Relation of dimensions of H, A, and L are shown in the table below

	L	A
$L \leq H$	$0 < L \leq 1/2H$	100 or more
	$1/2H < L \leq H$	200 or more
$L > H$	Set the frame to be $L \leq H$. Refer to the column of $L \leq H$ for A.	



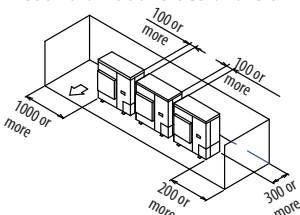
Get the lower part of the frame sealed so that air from the outlet does not bypass.

IN CASE OF INSTALLING MULTIPLE UNITS (2 UNITS OR MORE) IN LATERAL CONNECTION PER ROW

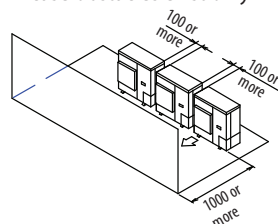
● Secure appropriate space when using a side piping outlet.

When nothing is obstructing the top

(1) In case obstacles exist in front of the air inlet and on both sides of the unit.



(2) In case obstacles exist only in front of outlet side.



3D089675C

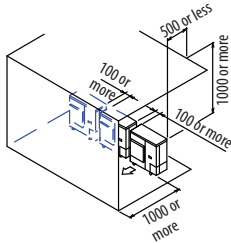
12 Installation

12 - 1 Installation Method

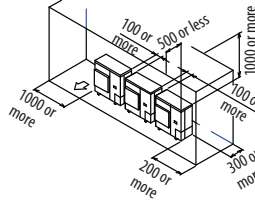
AZAS-MV/AZAS-MY/RZASG-MV/RZASG-MY

When something is obstructing the top

(1) In case obstacles exist in front of outlet side.



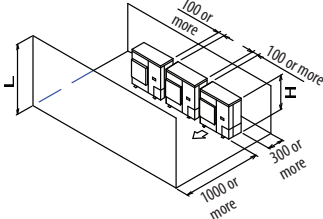
(2) In case obstacles exist in front of the air inlet and on both sides of the unit.



In case obstacles exist in front of both the air inlet and outlet sides

Pattern 1 Where obstacle in front of the air outlet is higher than the unit.

(1) When nothing is obstructing the top.
(There is no height limit for obstructions on the intake side.)



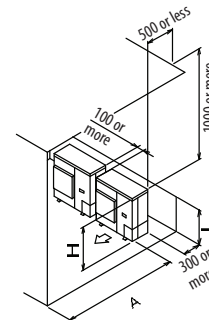
(2) When something is obstructing the top.

Relation of dimensions of H, A, and L are shown in the table below

	L	A
$L \leq H$	$0 < L \leq 1/2H$	1000 or more
	$1/2H < L \leq H$	1250 or more
$L > H$	Set the frame to be $L \leq H$. Refer to the column of $L \leq H$ for A.	

Get the lower part of the frame sealed so that air from the outlet does not bypass.

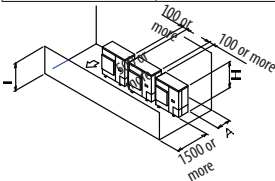
Only two units at most can be installed in series



Pattern 2 Where obstacles in front of the air outlet is lower than the unit.

(1) When nothing is obstructing the top.
(There is no height limit for obstructions on the intake side.)

L	A
$0 < L \leq 1/2H$	250 or more
$1/2H < L \leq H$	300 or more



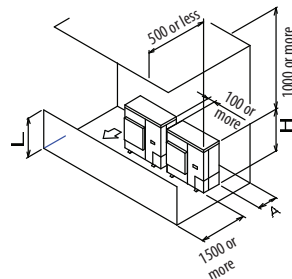
(2) When something is obstructing the top.

Relation of dimensions of H, A, and L are shown in the table below

	L	A
$L \leq H$	$0 < L \leq 1/2H$	250 or more
	$1/2H < L \leq H$	300 or more
$L > H$	Set the frame to be $L \leq H$. Refer to the column of $L \leq H$ for A.	

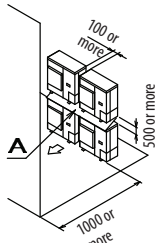
Get the lower part of the frame sealed so that air from the outlet does not bypass.

Only two units at most can be installed in series.

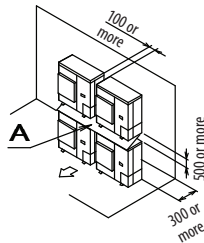


IN CASE OF STACKED INSTALLATION

(1) In case obstacles exist in front of outlet side.



(2) In case obstacles exist in front of the air inlet.



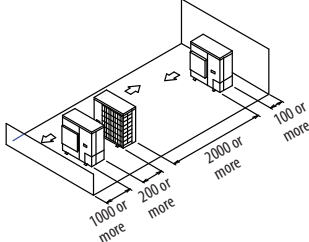
- Do not exceed two levels for stacked installation.
- Install a roof cover similar to A (field supply), as outdoor units with downward drainage are prone to dripping and freezing.
- Install the upper-level outdoor unit so that its bottom plate is a sufficient height above the roof cover. This is to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

(A space of at least 500 mm is recommended.)

- 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 100 mm. (Close off the gap between the upper and lower units so there is no reintake of discharged air.)

IN CASE OF MULTIPLE-ROW INSTALLATION (FOR ROOF TOP USE, ETC.)

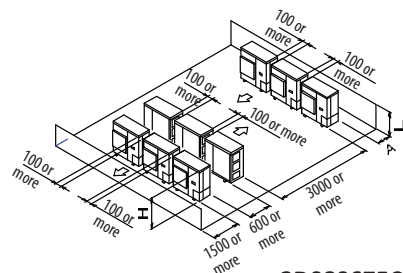
(1) In case of installing one unit per row.



(2) When something is obstructing the top.

Relation of dimensions of H, A, and L are shown in the table below

	L	A
$L \leq H$	$0 < L \leq 1/2H$	250 or more
	$1/2H < L \leq H$	300 or more
$L > H$	Installation impossible	



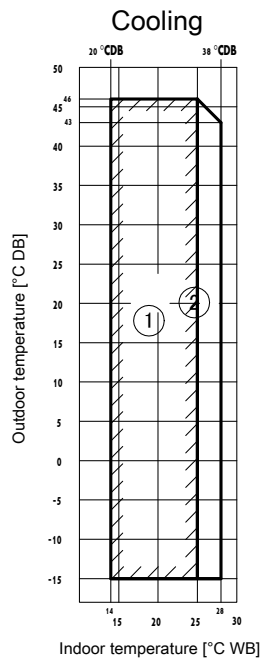
3D089675C

13 Operation range

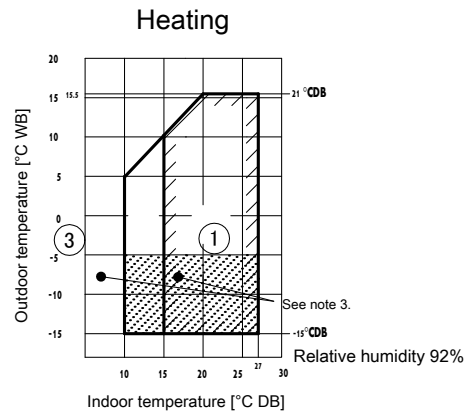
13 - 1 Operation Range

RZASG-MV
RZASG-MY

13



- 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.

3D110021

14 Appropriate Indoors

14 - 1 Appropriate Indoors

AZAS-MV / AZAS-MY / RZASG-MV / RZASG-MY

ENER Lot 21

Recommended combinations

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	P						P			
RZASG125M7V1B	RZASG125M7Y1B				4						P					4					P						P				P
RZASG140M7V1B	RZASG140M7Y1B				4						P					4					P	P									
RZASG125MUV	RZASG125MUY				4						P					4					P						P				P
RZASG140MUV	RZASG140MUY				4							P				4					P	P									
AZAS125M7V1B	AZAS125M7Y1B										P											P									
AZAS140M7V1B	AZAS140M7Y1B											P										P	P								
AZAS125MUV	AZAS125MUY										P											P									
AZAS140MUV	AZAS140MUY											P										P	P								

Sky Air		Floor standing type				Slim duct			Ceiling-suspended						Duct (medium ESP)						Floor standing	
		FVA71	FVA100	FVA125	FVA140	FDXM35	FDXM50	FDXM60	FHA35	FHA50	FHA60	FHA71	FHA100	FHA125	FHA140	ADEA35	ADEA50	ADEA60	ADEA71	ADEA100	ADEA125	AVA125
Model																						
RZAG125M7V1B	RZAG125M7Y1B			P										P								
RZAG140M7V1B	RZAG140M7Y1B				P										P							
RZASG125M7V1B	RZASG125M7Y1B			P										P								
RZASG140M7V1B	RZASG140M7Y1B				P										P							
RZASG125MUV	RZASG125MUY			P										P								
RZASG140MUV	RZASG140MUY				P										P							
AZAS125M7V1B	AZAS125M7Y1B																			P	P	
AZAS140M7V1B	AZAS140M7Y1B																					
AZAS125MUV	AZAS125MUY			P										P						P	P	
AZAS140MUV	AZAS140MUY				P										P							

P = Pair

3 = Triple

2 = Twin

4 = Double twin

NOTES

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

3D112646C

14 Appropriate Indoors

14 - 1 Appropriate Indoors

14

AZAS-MV / AZAS-MY / RZASG-MV / RZASG-MY

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 -RZASG100MUV / RZASG100MUY- 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
---	---------	---	--------	---	---	--------	---	---	---	---	---	---------

Connectable to -AZAS100MUV / AZAS100MUY- and covered by -ENER Lot 10-

-	FCAG100	-	FBA100	-	-	FAA100	-	FVA100	-	FHA100	-	ADEA100
---	---------	---	--------	---	---	--------	---	--------	---	--------	---	---------

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

FCAHG125	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 -RZASG125MUV / RZASG125MUY- 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
---	---------	---	--------	---	---	---	---	---	---	---	--------	---------

Connectable to -AZAS125MUV / AZAS125MUY- and covered by -ENER Lot 21-

-	FCAG125	-	FBA125	-	-	-	-	FVA125	-	FHA125	AVA125	ADEA125
---	---------	---	--------	---	---	---	---	--------	---	--------	--------	---------

Connectable to -RZAG140M7V1B / RZAG140M7Y1B- and covered by -ENER Lot 21-

FCAHG140	FCAG35	FFA35	FBA35	FNA35	FUA71	FAA71	-	FVA71	FDXM35	FHA35	-	-
-	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 -RZASG140MUV / RZASG140MUY- 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	-	-

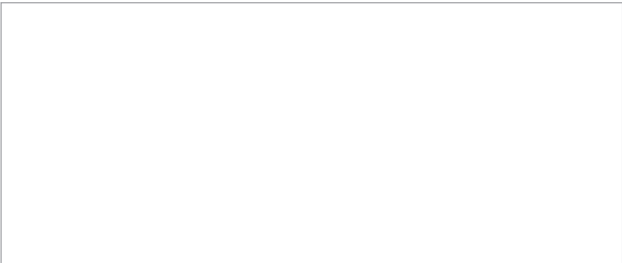
Connectable to -AZAS140M7V1B / AZAS140M7Y1B- and covered by -ENER Lot 21-

-	FCAG140	-	FBA140	-	-	-	-	-	-	-	-	-
---	---------	---	--------	---	---	---	---	---	---	---	---	---

Connectable to -AZAS140MUV / AZAS140MUY- and covered by -ENER Lot 21-

-	-	-	-	-	-	-	-	-	-	-	-	-
---	---	---	---	---	---	---	---	---	---	---	---	---

3D112646C



EEDEN24

05/2024



The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.