

Air Conditioning  
Technical Data

# RZAG-MY1





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## RZAG-MY1

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# 1 Features

Industry leading technology for commercial applications and even for technical rooms

- Top efficiency: - Energy labels up to A++ in both cooling and 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
- The perfect balance in efficiency and comfort thanks to Variable Refrigerant Temperature: top seasonal efficiency throughout most of the year and quick reaction speed on the hottest days.
- Suits high sensible, infrastructure cooling applications
- Replace existing systems with R-32 technology without needing to replace the piping
- Guarantees operation in both heating and cooling mode down to -20°C
- Refrigerant cooled PCB guarantees reliable cooling, as it is not influenced by ambient temperature.
- Maximum piping length up to 85m
- Outdoor units for pair, twin, triple, double twin application



Infrastructure cooling



Inverter



Auto cooling-heating changeover

## 2 Specifications

2-1 Capacity and Power input			FCAHG100G/ RZAG71MY1	FCAHG71G/ RZAG71MY1	FCAHG140G/ RZAG100MY1	FCAHG100G/ RZAG100MY1	FCAHG125G/ RZAG125MY1	FCAHG140G/ RZAG140MY1	
Indoor unit			FCAHG100GV EB	FCAHG71GV EB	FCAHG140GV EB	FCAHG100GV EB	FCAHG125GV EB	FCAHG140GV EB	
Outdoor unit			RZAG71M7Y1B		RZAG100M7Y1B		RZAG125M7Y 1B	RZAG140M7Y 1B	
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	6.80		9.50		12.1	13.4	
	SEER		7.05	7.72	7.93	7.35	8.02	7.93	
	ηs,c		-				318	314	
	Annual energy consumption		kWh/a	338	308	419	452	905	1,014
	A Condition (35°C - 27/19)	Pdc	kW	6.80		9.50		12.10	13.40
		EERd		4.41	4.39	4.80	5.06	4.30	3.89
		Power input	kW	1.54	1.55	1.98	1.88	2.81	3.44
	B Condition (30°C - 27/19)	Pdc	kW	5.02		7.00		8.92	9.88
		EERd		6.20	6.12	6.45	5.80	6.36	6.20
		Power input	kW	0.81	0.82	1.09	1.21	1.40	1.59
	C Condition (25°C - 27/19)	Pdc	kW	3.23		4.50	4.52	5.74	6.35
		EERd		8.70	10.10	10.21	9.22	9.36	9.38
		Power input	kW	0.37	0.32	0.44	0.49	0.61	0.68
	D Condition (20°C - 27/19)	Pdc	kW	3.16		4.13	4.32	4.26	4.31
		EERd		11.02	13.62	11.91	11.03	12.48	12.63
Power input		kW	0.29	0.23	0.35	0.39	0.34		
Space heating (Average climate)	Energy efficiency class		A+	A++				-	
	Capacity	Pdesign	4.70		9.52				
	SCOP/A		4.20	4.61	4.70	4.81	4.53	4.44	
	SCOPnet/A		4.20	4.61	4.70	4.81	4.53	4.44	
	ηs,h		-				178	175	
	Annual energy consumption		kWh/a	1,567	1,427	2,836	2,771	2,942	3,002
	Required back up heating cap at design conditions		kW	0.00					
	TOL	Tol (temperature operating limit)	°C	-10					
		Pdh (declared heating cap)	kW	4.70		9.52			
		COPd (declared COP)		2.62	2.59	2.25	2.24	2.02	2.07
		Power input	kW	1.80	1.82	4.23	4.25	4.72	4.60
	TBivalent	Tbiv (bivalent temperature)	°C	-10					
		Pdh (declared heating cap)	kW	4.70		9.52			
		COPd (declared COP)		2.62	2.59	2.25	2.24	2.02	2.07
		Power input	kW	1.80	1.82	4.23	4.25	4.72	4.60
	A Condition (-7°C)	Pdh (declared heating cap)	kW	4.16		8.42			
		COPd (declared COP)		2.96	2.97	2.72	2.73	2.49	2.51
		Power input	kW	1.40		3.09	3.08	3.39	3.35
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.53		5.13			
		COPd (declared COP)		4.28	4.67	4.99	5.03	4.85	4.76
		Power input	kW	0.59	0.54	1.03	1.02	1.06	1.08
	C Condition (7°C)	Pdh (declared heating cap)	kW	2.19	2.08	3.30		3.55	3.30
		COPd (declared COP)		5.12	5.91	5.71	5.85	5.68	5.39
Power input		kW	0.43	0.35	0.58	0.56	0.63	0.61	
D Condition (12°C)	Pdh (declared heating cap)	kW	2.63	2.51	3.45	1.46	4.16	3.42	
	COPd (declared COP)		6.63	7.72	7.18	7.35	7.03	6.77	
	Power input	kW	0.40	0.33	0.48	0.20	0.59	0.50	
Pto (Thermostat off)		W	12 / 0				-		

## 2 Specifications

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2-1 Capacity and Power input				FCAHG100G/ RZAG71MY1	FCAHG71G/ RZAG71MY1	FCAHG140G/ RZAG100MY1	FCAHG100G/ RZAG100MY1	FCAHG125G/ RZAG125MY1	FCAHG140G/ RZAG140MY1
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	POFF		W		12			
	Standby mode	Cooling	PSB	W		12			
		Heating	PSB	W		12			
	Thermostat-off mode	PTO	Heating	W		-		12	
			Cooling	W		-		0	
Crankcase heater mode	PCK		W		0				
Indication if the heater is equipped with a supplementary heater (pair application)				-					No

### 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.

Cooling: T2: indoor temp. 26,6°CDB, 19,4°CWB, outdoor temp. 48°CDB [Btu/hr/W]

Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m (horizontal); level difference: 0m

Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m

2-2 Capacity and Power input				FCAG100A/ RZAG71MY1	FCAG71A/ RZAG71MY1	FCAG140A/ RZAG100MY1	FCAG100A/ RZAG100MY1	FCAG125A/ RZAG125MY1	FCAG140A/ RZAG140MY1		
Indoor unit				FCAG100AVE B	FCAG71AVEB	FCAG140AVE B	FCAG100AVE B	FCAG125AVE B	FCAG140AVE B		
Outdoor unit				RZAG71M7Y1B		RZAG100M7Y1B		RZAG125M7Y 1B	RZAG140M7Y 1B		
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	13.4	
	SEER			7.50	6.86	7.86	7.14	7.80	7.17		
	ηs,c			-		-		309	284		
	Annual energy consumption			kWh/a		317	347	423	466	931	1,121
	A Condition (35°C - 27/19)	Pdc	kW		6.80		9.50		12.10	13.40	
		EERd			4.34	3.83	4.45	4.42	3.82	3.18	
		Power input	kW		1.57	1.78	2.13	2.15	3.17	4.21	
	B Condition (30°C - 27/19)	Pdc	kW		5.02		7.00		8.92	9.88	
		EERd			6.20	5.80	6.41	5.58	5.72	4.94	
		Power input	kW		0.81	0.87	1.09	1.25	1.56	2.00	
	C Condition (25°C - 27/19)	Pdc	kW		3.44		3.23		4.50		
		EERd			9.76	8.65	9.50	8.39	8.94	8.59	
		Power input	kW		0.35	0.37	0.47	0.54	0.64	0.74	
	D Condition (20°C - 27/19)	Pdc	kW		3.62		2.90		4.13		
EERd				12.55	11.34	13.68	12.64	15.10	14.21		
Power input		kW		0.29	0.26	0.30		0.31	0.28		

## 2 Specifications

2-2 Capacity and Power input				FCAG100A/ RZAG71MY1	FCAG71A/ RZAG71MY1	FCAG140A/ RZAG100MY1	FCAG100A/ RZAG100MY1	FCAG125A/ RZAG125MY1	FCAG140A/ RZAG140MY1		
Space heating (Average climate)	Energy efficiency class			A+			A++		-		
	Capacity	Pdesign	kW	4.70			7.80		9.52		
	SCOP/A			4.45	4.41	4.66	4.61	4.34			
	SCOPnet/A			4.45	4.41	4.66	4.61	4.34			
	ηs,h						-		171		
	Annual energy consumption			kWh/a	1,479	1,492	2,343	2,369	3,071		
	Required back up heating cap at design conditions			kW	0.00						
	TOL	Tol (temperature operating limit)	°C	-10							
		Pdh (declared heating cap)	kW	4.70			7.80		9.52		
		COPd (declared COP)			2.52	2.42	2.26	2.15	1.87		
		Power input	kW	1.86	1.94	3.45	3.63	5.09			
	TBivalent	Tbiv (bivalent temperature)	°C	-10							
		Pdh (declared heating cap)	kW	4.70			7.80		9.52		
		COPd (declared COP)			2.52	2.42	2.26	2.15	1.87		
		Power input	kW	1.86	1.94	3.45	3.63	5.09			
	A Condition (-7°C)	Pdh (declared heating cap)	kW	4.16	4.41	6.90			8.42		
		COPd (declared COP)			2.92	2.67	2.69	2.60	2.28		
		Power input	kW	1.42	1.65	2.56	2.65	3.69			
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.53			4.20		5.13		
		COPd (declared COP)			4.53	4.52	4.87	4.81	4.63		
		Power input	kW	0.56			0.86	0.87	1.11		
	C Condition (7°C)	Pdh (declared heating cap)	kW	2.07	1.94	2.90	2.70	3.30			
		COPd (declared COP)			5.64	5.75	5.86	5.89	5.56		
		Power input	kW	0.37	0.34	0.50	0.46	0.59			
	D Condition (12°C)	Pdh (declared heating cap)	kW	2.47	2.31	3.38	3.23	3.30			
		COPd (declared COP)			7.08	7.15	7.40	7.38	7.02		
		Power input	kW	0.35	0.32	0.46	0.44	0.47			
	Pto (Thermostat off)			W	12 / 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							
Power consumption in other than active mode	Off mode	POFF	W	12							
	Standby mode	Cooling	PSB	W	12						
		Heating	PSB	W	12						
	Thermostat-off mode	PTO	Heating	W	-			12			
			Cooling	W	-			0			
Crankcase heater mode	PCK	W	0								
Indication if the heater is equipped with a supplementary heater (pair application)				-						No	

## 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.

Cooling: T2: indoor temp. 26,6°CDB, 19,4°CWB, outdoor temp. 48°CDB [Btu/hr/W]

Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m

2-3 Capacity and Power input			FBA71A/ RZAG71MY1	FBA100A/ RZAG71MY1	FBA100A/ RZAG100MY1	FBA140A/ RZAG100MY1	FBA125A/ RZAG125MY1	FBA140A/ RZAG140MY1	
Indoor unit			FBA71A2VEB	FBA100A2VEB		FBA140A2VE B	FBA125A2VE B	FBA140A2VE B	
Outdoor unit			RZAG71M7Y1B		RZAG100M7Y1B		RZAG125M7Y 1B	RZAG140M7Y 1B	
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++	A+	A++		-		
	Capacity	Pdesign	6.80		9.50		12.1	13.4	
	SEER		6.22	5.81	6.47	6.39	6.19	6.42	
	ηs,c		%		-		245	254	
	Annual energy consumption		kWh/a	382	410	514	520	1,173	1,252
	A Condition (35°C - 27/19)	Pdc	kW	6.80		9.50		12.10	13.40
		EERd		3.66	3.93	4.20	4.16	3.33	3.11
		Power input	kW	1.86	1.73	2.26	2.28	3.64	4.30
	B Condition (30°C - 27/19)	Pdc	kW	5.02		7.00		8.92	9.88
		EERd		5.60	5.31	5.37	5.51	5.10	5.18
		Power input	kW	0.90	0.94	1.30	1.27	1.75	1.91
	C Condition (25°C - 27/19)	Pdc	kW	3.23		4.50		5.74	6.35
		EERd		7.75	7.09	7.67	7.59	6.83	7.28
Power input		kW	0.42	0.46	0.59		0.84	0.87	
D Condition (20°C - 27/19)	Pdc	kW	2.89	3.04	4.20	4.40	3.89	4.14	
	EERd		9.60	8.34	10.40	9.76	9.87	10.49	
	Power input	kW	0.30	0.36	0.40	0.45	0.39		



## 2 Specifications

2-3 Capacity and Power input				FBA71A/ RZAG71MY1	FBA100A/ RZAG71MY1	FBA100A/ RZAG100MY1	FBA140A/ RZAG100MY1	FBA125A/ RZAG125MY1	FBA140A/ RZAG140MY1		
Space heating (Average climate)	Energy efficiency class			A+				-			
	Capacity	Pdesign	kW	4.70		7.80		9.52			
	SCOP/A			4.20	4.06	4.36	4.20	4.12	4.11		
	SCOPnet/A			4.20	4.06	4.36	4.20	4.12	4.11		
	ηs,h		%	-				162	161		
	Annual energy consumption			kWh/a	1,566	1,621	2,505	2,600	3,235	3,243	
	Required back up heating cap at design conditions			kW	0.00						
	TOL	Tol (temperature operating limit)	°C	-10							
		Pdh (declared heating cap)	kW	4.70		7.80		9.52			
		COPd (declared COP)			2.42	2.54	2.28	2.27	1.84	1.95	
		Power input	kW	1.94	1.85	3.42	3.44	5.17	4.88		
	TBivalent	Tbiv (bivalent temperature)	°C	-10							
		Pdh (declared heating cap)	kW	4.70		7.80		9.52			
		COPd (declared COP)			2.42	2.54	2.28	2.27	1.84	1.95	
		Power input	kW	1.94	1.85	3.42	3.44	5.17	4.88		
	A Condition (-7°C)	Pdh (declared heating cap)	kW	4.16		6.90		8.42			
		COPd (declared COP)			2.78	2.90	2.79	2.72	2.33	2.35	
		Power input	kW	1.50	1.43	2.47	2.54	3.61	3.58		
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.53	2.69	4.20		5.13			
		COPd (declared COP)			4.31	4.19	4.60	4.47	4.38	4.43	
		Power input	kW	0.59	0.64	0.91	0.94	1.17	1.16		
	C Condition (7°C)	Pdh (declared heating cap)	kW	2.08	2.24	2.87	2.95	3.55	3.30		
		COPd (declared COP)			5.29	4.90	5.09	4.82	5.12	4.94	
		Power input	kW	0.39	0.46	0.56	0.61	0.69	0.67		
	D Condition (12°C)	Pdh (declared heating cap)	kW	2.46	2.66	3.34	3.42	4.16	3.44		
		COPd (declared COP)			6.48	6.09	6.36	5.91	6.45	6.06	
		Power input	kW	0.38	0.44	0.53	0.58	0.65	0.57		
	Pto (Thermostat off)			W	14 / 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							
Power consumption in other than active mode	Thermostat-off mode	PTO	Heating	W	-			14			
			Cooling	W	-			0			
	Standby mode	Cooling	PSB	W	14						
			Heating	PSB	W	14					
	Crankcase heater mode	PCK		W	0						
Off mode	POFF		W	14							
Indication if the heater is equipped with a supplementary heater (pair application)				-				No			

## 2 Specifications

### Notes

(1) Cooling: T2: indoor temp. 26,6°CDB, 19,4°CWB, outdoor temp. 48°CDB [Btu/hr/W]

(2) 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.

Cooling: indoor temp. 27°CDB, 19,0°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m

2-4 Capacity and Power input				FDA125A/RZAG125MY1	
Indoor unit				FDA125A5VEB	
Outdoor unit				RZAG125M7Y1B	
Cooling capacity	Nom.		kW	12.1 (1)	
Heating capacity	Nom.		kW	13.5 (2)	
Space cooling	Capacity	Pdesign	kW	12.1	
	SEER			6.59	
	ηs,c			261	
	Annual energy consumption			kWh/a	1,102
	A Condition (35°C - 27/19)	Pdc	kW	12.10	
		EERd		3.81	
		Power input	kW	3.17	
	B Condition (30°C - 27/19)	Pdc	kW	8.92	
		EERd		5.42	
		Power input	kW	1.65	
	C Condition (25°C - 27/19)	Pdc	kW	5.74	
		EERd		7.55	
		Power input	kW	0.76	
D Condition (20°C - 27/19)	Pdc	kW	4.15		
	EERd		9.68		
	Power input	kW	0.43		

## 2 Specifications

2-4 Capacity and Power input				FDA125A/RZAG125MY1			
Space heating (Average climate)	Capacity	Pdesign	kW	9.52			
	SCOP/A			4.08			
	SCOPnet/A			4.08			
	ηs,h			160			
	Annual energy consumption			kWh/a		3,267	
	Required back up heating cap at design conditions			kW		0.00	
	TOL	Tol (temperature operating limit)	°C		-10		
			Pd <sub>h</sub> (declared heating cap)	kW		9.52	
				COP <sub>d</sub> (declared COP)		1.86	
				Power input		kW	
	TBivalent	T <sub>biv</sub> (bivalent temperature)	°C		-10		
			Pd <sub>h</sub> (declared heating cap)	kW		9.52	
				COP <sub>d</sub> (declared COP)		1.86	
				Power input		kW	
	A Condition (-7°C)	Pd <sub>h</sub> (declared heating cap)	kW		8.42		
			COP <sub>d</sub> (declared COP)		2.36		
			Power input		kW		3.56
	B Condition (2°C)	Pd <sub>h</sub> (declared heating cap)	kW		5.13		
			COP <sub>d</sub> (declared COP)		4.31		
			Power input		kW		1.19
	C Condition (7°C)	Pd <sub>h</sub> (declared heating cap)	kW		3.61		
			COP <sub>d</sub> (declared COP)		5.03		
			Power input		kW		0.72
	D Condition (12°C)	Pd <sub>h</sub> (declared heating cap)	kW		4.22		
COP <sub>d</sub> (declared COP)			6.36				
Power input			kW		0.66		
Cooling	C <sub>dc</sub> (Degradation cooling)			0.25			
Heating	C <sub>dh</sub> (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	POFF		W		15	
	Standby mode	Cooling	PSB	W		15	
		Heating	PSB	W		15	
	Thermostat-off mode	PTO	Heating	W		15	
			Cooling	W		0	
Crankcase heater mode	PCK		W		0		
Indication if the heater is equipped with a supplementary heater (pair application)				No			

### Notes

(1) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m (horizontal); 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.

## 2 Specifications

2-5 Capacity and Power input				FAA100A/RZAG71MY1	FAA71A/RZAG71MY1	FAA100A/RZAG100MY1	
Indoor unit				FAA100AUVEB		FAA71AUVEB	
Outdoor unit				RZAG71M7Y1B		RZAG100M7Y1B	
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++			
	Capacity	Pdesign	kW	6.80		9.50	
	SEER			6.43	6.58	6.42	
	Annual energy consumption			kWh/a	370	362	518
	A Condition (35°C - 27/19)	Pdc	kW	6.80		9.50	
		EERd		3.96	3.62	4.43	
		Power input	kW	1.72	1.88	2.14	
	B Condition (30°C - 27/19)	Pdc	kW	5.02		7.00	
		EERd		5.54	5.70	4.75	
		Power input	kW	0.91	0.88	1.47	
	C Condition (25°C - 27/19)	Pdc	kW	3.23	3.37	4.50	
		EERd		8.03	8.29	7.70	
		Power input	kW	0.40	0.41	0.58	
	D Condition (20°C - 27/19)	Pdc	kW	3.03	3.44	4.09	
		EERd		9.81	10.65	10.92	
		Power input	kW	0.31	0.32	0.37	
Space heating (Average climate)	Energy efficiency class			A+			
	Capacity	Pdesign	kW	4.70		7.80	
	SCOP/A			4.16	4.02	4.01	
	SCOPnet/A			4.16	4.02	4.01	
	Annual energy consumption			kWh/a	1,582	1,637	2,723
	Required back up heating cap at design conditions			kW			0.00
	TOL	Tol (temperature operating limit)	°C	-10			
		Pdh (declared heating cap)	kW	4.70		7.80	
		COPd (declared COP)		2.44	2.21	1.84	
		Power input	kW	1.93	2.13	4.24	
	TBivalent	Tbiv (bivalent temperature)	°C	-10			
		Pdh (declared heating cap)	kW	4.70		7.80	
		COPd (declared COP)		2.44	2.21	1.84	
		Power input	kW	1.93	2.13	4.24	
	A Condition (-7°C)	Pdh (declared heating cap)	kW	4.16		6.90	
		COPd (declared COP)		2.77	2.56	2.35	
		Power input	kW	1.50	1.63	2.93	
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.53		4.20	
		COPd (declared COP)		4.26	4.11	4.21	
		Power input	kW	0.59	0.62	1.00	
	C Condition (7°C)	Pdh (declared heating cap)	kW	2.10	2.08	2.74	
		COPd (declared COP)		5.21	5.19	4.98	
		Power input	kW	0.40		0.55	
	D Condition (12°C)	Pdh (declared heating cap)	kW	2.48	2.51	3.21	
		COPd (declared COP)		6.44	6.39	6.19	
		Power input	kW	0.38	0.39	0.52	
	Pto (Thermostat off)			W	12 / 0		
	Cooling	Cdc (Degradation cooling)			0.25		
Heating	Cdh (Degradation heating)			0.25			
Cooling function included				Yes			
Heating function included				Yes			

## 2 Specifications

2-5 Capacity and Power input				FAA100A/RZAG71MY1	FAA71A/RZAG71MY1	FAA100A/RZAG100MY1
Average climate included				Yes		
Cold season included				No		
Warm season included				No		
Ecolabel logo				No		
Power consumption in other than active mode	Off mode	POFF		W	12	
	Standby mode	Cooling	PSB	W	12	
		Heating	PSB	W	12	
	Crankcase heater mode	PCK		W	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.

Cooling: T2: indoor temp. 26,6°CDB, 19,4°CWB, outdoor temp. 48°CDB [Btu/hr/W]

2-6 Capacity and Power input				FHA100A/RZAG71MY1	FHA140A/RZAG100MY1	FHA71A/RZAG71MY1	FHA100A/RZAG100MY1	FHA125A/RZAG125MY1	FHA140A/RZAG140MY1	
Indoor unit				FHA100AVEB	FHA140AVEB	FHA71AVEB	FHA100AVEB	FHA125AVEB	FHA140AVEB	
Outdoor unit				RZAG71M7Y1 B	RZAG100M7Y 1B	RZAG71M7Y1 B	RZAG100M7Y 1B	RZAG125M7Y 1B	RZAG140M7Y 1B	
Cooling capacity	Nom.	kW	6.80 (1)	9.50 (1)	6.80 (1)	9.50 (1)	12.1 (1)	13.4 (1)		
Heating capacity	Nom.	kW	7.50 (2)	10.8 (2)	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	6.80	9.50	12.1	13.4	
	SEER			6.69	8.24	7.11	6.42	8.22	6.42	
	ηs,c			-				326	254	
	Annual energy consumption			kWh/a	356	404	335	518	883	1,252
	A Condition (35°C - 27/19)	Pdc	kW	6.80	9.50	6.80	9.50	12.10	13.40	
		EERd			4.28	4.85	4.14	4.86	4.11	2.98
		Power input			kW	1.59	1.96	1.64	1.95	2.94
	B Condition (30°C - 27/19)	Pdc	kW	5.02	7.00	5.02	7.00	8.92	9.88	
		EERd			5.91	6.74	6.08	4.83	6.48	5.08
		Power input			kW	0.85	1.04	0.83	1.45	1.38
	C Condition (25°C - 27/19)	Pdc	kW	3.23	4.50	3.37	4.50	5.74	6.35	
		EERd			8.41	10.04	9.25	7.82	9.53	7.28
		Power input			kW	0.38	0.45	0.36	0.58	0.60
	D Condition (20°C - 27/19)	Pdc	kW	3.11	4.50	3.44	4.20	4.43	4.04	
EERd			9.77	14.11	11.02	9.91	13.71	10.96		
Power input			kW	0.32		0.31	0.42	0.32	0.37	

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2-6 Capacity and Power input				FHA100A/ RZAG71MY1	FHA140A/ RZAG100MY1	FHA71A/ RZAG71MY1	FHA100A/ RZAG100MY1	FHA125A/ RZAG125MY1	FHA140A/ RZAG140MY1		
Space heating (Average climate)	Energy efficiency class			A+	A++	A+	A++	-			
	Capacity	Pdesign	kW	4.70	7.80	4.70	7.80	9.52			
	SCOP/A			4.26	4.64	4.32	4.61	4.09	4.30		
	SCOPnet/A			4.26	4.64	4.32	4.61	4.09	4.30		
	ηs,h		%	-					161	169	
	Annual energy consumption		kWh/a	1,545	2,353	1,523	2,369	3,259	3,100		
	Required back up heating cap at design conditions		kW	0.00							
	TOL	Tol (temperature operating limit)	°C	-10							
		Pdh (declared heating cap)	kW	4.70	7.80	4.70	7.80	9.52			
		COPd (declared COP)			2.56	2.47	2.40	2.28	1.72	2.00	
		Power input	kW	1.84	3.16	1.95	3.42	5.54	4.76		
	TBivalent	Tbiv (bivalent temperature)	°C	-10							
		Pdh (declared heating cap)	kW	4.70	7.80	4.70	7.80	9.52			
		COPd (declared COP)			2.56	2.47	2.40	2.28	1.72	2.00	
		Power input	kW	1.84	3.16	1.95	3.42	5.54	4.76		
	A Condition (-7°C)	Pdh (declared heating cap)	kW	4.16	6.90	4.16	6.90	8.42			
		COPd (declared COP)			2.91	2.47	2.78	2.81	2.20	2.44	
		Power input	kW	1.43	2.79	1.50	2.45	3.83	3.45		
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.53	4.20	2.53	4.20	5.12	5.13		
		COPd (declared COP)			4.36	5.00	4.41	4.82	4.38	4.64	
		Power input	kW	0.58	0.84	0.57	0.87	1.17	1.11		
	C Condition (7°C)	Pdh (declared heating cap)	kW	2.15	2.89	2.08	2.75	3.46	3.30		
		COPd (declared COP)			5.27	5.75	5.55	5.58	5.21	5.17	
		Power input	kW	0.41	0.50	0.37	0.49	0.66	0.64		
	D Condition (12°C)	Pdh (declared heating cap)	kW	2.54	3.44	2.51	3.20	4.06	3.42		
		COPd (declared COP)			6.58	7.26	6.86	7.17	6.38	6.46	
		Power input	kW	0.39	0.47	0.37	0.45	0.64	0.53		
Pto (Thermostat off)		W	12 / 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				
Power consumption in other than active mode	Off mode	POFF		W		12					
	Standby mode	Cooling	PSB	W		12					
		Heating	PSB	W		12					
	Thermostat-off mode	PTO	Heating	W		-		12			
			Cooling	W		-		0			
Crankcase heater mode	PCK		W		0						
Indication if the heater is equipped with a supplementary heater (pair application)							-				
							No				

## 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.

Cooling: T2: indoor temp. 26.6°CDB, 19.4°CWB, outdoor temp. 48°CDB [Btu/hr/W]

Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m

2-7 Capacity and Power input				FUA100A/RZAG71MY1	FUA71A/RZAG71MY1	FUA100A/RZAG100MY1	FUA125A/RZAG125MY1	
Indoor unit				FUA100AVEB	FUA71AVEB	FUA100AVEB	FUA125AVEB	
Outdoor unit				RZAG71M7Y1B		RZAG100M7Y1B	RZAG125M7Y1B	
Cooling capacity	Nom.	kW	6.80 (1)		9.50 (1)	12.1 (1)		
Heating capacity	Nom.	kW	7.50 (2)		10.8 (2)	13.5 (2)		
Space cooling	Energy efficiency class			A++			-	
	Capacity	Pdesign	kW	6.80		9.50	12.1	
	SEER			6.89	7.02	6.42	6.39	
	ηs,c		%	-			253	
	Annual energy consumption			kWh/a	345	339	518	1,136
	A Condition (35°C - 27/19)	Pdc	kW	6.80		9.50	12.10	
		EERd			4.36	4.23	4.24	3.04
		Power input	kW	1.56	1.61	2.24	3.98	
	B Condition (30°C - 27/19)	Pdc	kW	5.02		7.00	8.92	
		EERd			6.17	5.89	4.94	5.07
		Power input	kW	0.81	0.85	1.42	1.76	
	C Condition (25°C - 27/19)	Pdc	kW	3.23		4.50	5.74	
		EERd			8.58	9.04	7.66	7.02
		Power input	kW	0.38	0.36	0.59	0.82	
	D Condition (20°C - 27/19)	Pdc	kW	3.11	3.13	4.20	3.84	
EERd			10.20	10.98	10.72	11.52		
Power input		kW	0.30	0.28	0.39	0.33		

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2-7 Capacity and Power input				FUA100A/RZAG71MY1	FUA71A/RZAG71MY1	FUA100A/RZAG100MY1	FUA125A/RZAG125MY1	
Space heating (Average climate)	Energy efficiency class			A+			-	
	Capacity	Pdesign	kW	4.70		7.80	9.52	
	SCOP/A			4.28	4.20	4.50	4.26	
	SCOPnet/A			4.28	4.20	4.50	4.26	
	ηs,h		%	-			167	
	Annual energy consumption		kWh/a	1,537	1,567	2,427	3,129	
	Required back up heating cap at design conditions		kW	0.00				
	TOL	Tol (temperature operating limit)	°C	-10				
		Pdh (declared heating cap)	kW	4.70		7.80	9.52	
		COPd (declared COP)			2.64	2.39	2.29	1.83
		Power input	kW	1.78	1.97	3.41	5.19	
	TBivalent	Tbiv (bivalent temperature)	°C	-10				
		Pdh (declared heating cap)	kW	4.70		7.80	9.52	
		COPd (declared COP)			2.64	2.39	2.29	1.83
		Power input	kW	1.78	1.97	3.41	5.19	
	A Condition (-7°C)	Pdh (declared heating cap)	kW	4.16		6.90	8.42	
		COPd (declared COP)			2.98	2.75	2.81	2.32
		Power input	kW	1.40	1.52	2.46	3.62	
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.53		4.20	5.13	
		COPd (declared COP)			4.38	4.29	4.76	4.55
		Power input	kW	0.58	0.59	0.88	1.13	
	C Condition (7°C)	Pdh (declared heating cap)	kW	2.17	2.08	2.85	3.50	
		COPd (declared COP)			5.24	5.33	5.29	5.32
		Power input	kW	0.41	0.39	0.54	0.66	
	D Condition (12°C)	Pdh (declared heating cap)	kW	2.57	2.51	3.33	4.08	
		COPd (declared COP)			6.57	6.62	6.73	6.92
		Power input	kW	0.39	0.38	0.50	0.59	
Pto (Thermostat off)		W	12 / 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					
Power consumption in other than active mode	Off mode	POFF	W	12				
	Standby mode	Cooling	PSB	W	12			
		Heating	PSB	W	12			
	Thermostat-off mode	PTO	Heating	W	-	12		
			Cooling	W	-	0		
Crankcase heater mode	PCK	W	0					
Indication if the heater is equipped with a supplementary heater (pair application)			-			No		



## 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.

Cooling: T2: indoor temp. 26,6°CDB, 19,4°CWB, outdoor temp. 48°CDB [Btu/hr/W]

Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m (horizontal); level difference: 0m

2-8 Capacity and Power input				FAV100A/ RZAG71MY1	FVA71A/ RZAG71MY1	FAV100A/ RZAG100MY1	FVA140A/ RZAG100MY1	FVA125A/ RZAG125MY1	FVA140A/ RZAG140MY1	
Indoor unit				FVA100AMVE B	FVA71AMVEB	FVA100AMVE B	FVA140AMVE B	FVA125AMVE B	FVA140AMVE B	
Outdoor unit				RZAG71M7Y1B		RZAG100M7Y1B		RZAG125M7Y 1B	RZAG140M7Y 1B	
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++		A+	A++		-	
	Capacity	Pdesign	kW	6.80		9.50		12.1	13.4	
	SEER			6.41	6.37	6.00	6.43	6.41	6.12	
	ηs,c			%		-		253	242	
	Annual energy consumption			kWh/a	371	374	554	517	1,133	1,314
	A Condition (35°C - 27/19)	Pdc	kW	6.80		9.50		12.10	13.40	
		EERd			4.20	3.63	4.25	4.14	3.25	2.91
		Power input			kW	1.62	1.87	2.24	2.29	3.72
	B Condition (30°C - 27/19)	Pdc	kW	5.02		7.00		8.92	9.88	
		EERd			5.90	5.62	4.85	5.46	5.25	5.00
		Power input			kW	0.85	0.89	1.44	1.28	1.70
	C Condition (25°C - 27/19)	Pdc	kW	3.23		4.50		5.74	6.35	
		EERd			7.64	7.63	6.90	7.47	6.89	6.70
		Power input			kW	0.42		0.65	0.60	0.83
D Condition (20°C - 27/19)	Pdc	kW	3.17	2.78	3.78	3.73	4.15	3.89		
	EERd			9.53	10.41	9.41	9.91	11.21	10.39	
	Power input			kW	0.33	0.27	0.40	0.38	0.37	

## 2 Specifications

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2-8 Capacity and Power input				FAV100A/ RZAG71MY1	FVA71A/ RZAG71MY1	FAV100A/ RZAG100MY1	FVA140A/ RZAG100MY1	FVA125A/ RZAG125MY1	FVA140A/ RZAG140MY1	
Space heating (Average climate)	Energy efficiency class			A+					-	
	Capacity	Pdesign	kW	4.70		7.80		9.52		
	SCOP/A			4.05		4.20	4.05	4.15	3.94	
	SCOPnet/A			4.05		4.20	4.05	4.15	3.94	
	ηs,h		%	-					163	155
	Annual energy consumption		kWh/a	1,625		2,600	2,697	3,209	3,383	
	Required back up heating cap at design conditions		kW	0.00						
	TOL	Tol (temperature operating limit)	°C	-10						
		Pdh (declared heating cap)	kW	4.70		7.80		9.52		
		COPd (declared COP)			2.54	2.24	2.13	1.76	1.78	
		Power input	kW	1.85	2.10	3.66	5.41	5.35		
	TBivalent	Tbiv (bivalent temperature)	°C	-10						
		Pdh (declared heating cap)	kW	4.70		7.80		9.52		
		COPd (declared COP)			2.54	2.24	2.13	1.76	1.78	
		Power input	kW	1.85	2.10	3.66	5.41	5.35		
	A Condition (-7°C)	Pdh (declared heating cap)	kW	4.16		6.90		8.42		
		COPd (declared COP)			2.88	2.59	2.65	2.62	2.25	2.17
		Power input	kW	1.44	1.60	2.60	2.64	3.74	3.88	
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.53		4.20		5.13		
		COPd (declared COP)			4.16	4.15	4.49	4.33	4.44	4.24
		Power input	kW	0.61		0.94	0.97	1.16	1.21	
	C Condition (7°C)	Pdh (declared heating cap)	kW	2.19	2.04	3.47	3.53	3.48	3.30	
		COPd (declared COP)			4.91	5.19	5.11	4.87	5.29	4.85
		Power input	kW	0.45	0.39	0.68	0.72	0.66	0.68	
	D Condition (12°C)	Pdh (declared heating cap)	kW	2.59	2.41	4.05	4.12	4.07	3.39	
		COPd (declared COP)			6.09	6.32	6.26	5.98	6.46	5.99
		Power input	kW	0.43	0.38	0.65	0.69	0.63	0.57	
Pto (Thermostat off)		W	12 / 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						
Power consumption in other than active mode	Off mode	POFF	W	12						
	Standby mode	Cooling	PSB	W	12					
		Heating	PSB	W	12					
	Thermostat-off mode	PTO	Heating	W	-			12		
			Cooling	W	-			0		
Crankcase heater mode	PCK	W	0							
Indication if the heater is equipped with a supplementary heater (pair application)				-					No	

## 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.

Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m (horizontal); level difference: 0m

2

2-9 Technical Specifications					RZAG71MY1	RZAG100MY1	RZAG125MY1	RZAG140MY1
Capacity control	Method				Inverter controlled			
Casing	Colour				Ivory white			
	Material				Painted galvanized steel plate			
Dimensions	Unit	Height	mm		990	1,430		
		Width	mm		940			
		Depth	mm		320			
	Packed unit	Height	mm		1,170	1,610		
		Width	mm		1,015			
		Depth	mm		422			
Weight	Unit		kg	70	92			
	Packed unit		kg	78	101			
Packing	Weight		kg	9	10			
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	2		
	Air flow rate	Cooling	Nom.	m <sup>3</sup> /min	59	70	83	
		Heating	Nom.	m <sup>3</sup> /min	50	62		
Fan motor	Quantity				1	2		
	Model				Brushless DC motor			
	Output			W	94			
	Drive				Direct drive			
Sound power level	Cooling		dBA	65	66	69	70	
	Heating		dBA	-		69 (1)	70 (1)	
Sound pressure level	Cooling	Nom.	dBA	46	47	50	51	
	Heating	Nom.	dBA	49	51	52		
Operation range	Cooling	Ambient	Min.	°CDB	-20			
			Max.	°CDB	52			
	Heating	Ambient	Min.	°CWB	-20			
			Max.	°CWB	18.0			
Refrigerant	Type				R-32			
	Charge			kg	2.95	3.75		
				TCO <sub>2</sub> eq	1.99	2.53		
	Control				Expansion valve (electronic type)			
	GWP				675			
	Circuits	Quantity			1			

## 2 Specifications

2

2-9 Technical Specifications				RZAG71MY1	RZAG100MY1	RZAG125MY1	RZAG140MY1	
Piping connections	Liquid	Quantity		1				
		Type		Flare connection				
		OD	mm	9,52				
	Gas	Quantity		1				
		Type		Flare connection				
		OD	mm	15.9				
	Drain	Quantity		5				
		Type		Hole				
		OD	mm	26				
	Piping length	OU - IU	Min.	m	3			
			Max.	m	55	85		
		System	Equivalent	m	75 (2)	100 (2)		
Chargel ess			m	40				
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;

2-10 Electrical Specifications				RZAG71MY1	RZAG100MY1	RZAG125MY1	RZAG140MY1
Power supply	Name		Y1				
	Phase		3~				
	Frequency	Hz	50				
	Voltage	V	380-415				
Current - 50Hz	Maximum fuse amps (MFA)		A	16			
Current	Zmax	List	Complies to EN61000-3-11				
	Minimum Ssc value	kVa	Equipment complying with EN / IEC 61000-3-2 / (3) / See note 4				
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 ≤ 16A 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 larger than 16A and ≤ 75A 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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RZAG-MV1

RZAG-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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### 3 Electrical data

#### 3 - 1 Electrical Data

3

#### RZAG71-100MY1

Indoor	Outdoor	Power supply	Voltage range		MCA	TOCA	MFA	MSC	RLA	Compressor		OFM		IFM				
										kW	FLA	kW	FLA	kW	FLA			
FCAG71GVEB	RZAG71M7Y1B	3N~50Hz 380-415V	Minimum: 342 V Maximum: 456 V		10.9	--	16	--	9.2	0.094	0.8	0.091	0.5					
FCAG35AVEB	x2 RZAG71M7Y1B				11.0	--	16	--	9.2	0.094	0.8	0.044 x2	0.3 x2					
FCAG71AVEB	RZAG71M7Y1B				10.8	--	16	--	9.2	0.094	0.8	0.054	0.4					
FFA35A2VEB	x2 RZAG71M7Y1B				11.2	--	16	--	9.2	0.094	0.8	0.050 x2	0.4 x2					
FBA35A2VEB	x2 RZAG71M7Y1B				11.6	--	16	--	9.2	0.094	0.8	0.089 x2	0.6 x2					
FBA71A2VEB	RZAG71M7Y1B				10.9	--	16	--	9.2	0.094	0.8	0.070	0.5					
FNA35A2VEB	x2 RZAG71M7Y1B				10.7	--	16	--	9.2	0.094	0.8	0.034 x2	0.3					
FUA71AVEB	RZAG71M7Y1B				11.3	--	16	--	9.2	0.094	0.8	0.046	0.9					
FAA71AUVEB	RZAG71M7Y1B				10.8	--	16	--	9.2	0.094	0.8	0.048	0.4					
FVA71AMVEB	RZAG71M7Y1B				11.0	--	16	--	9.2	0.094	0.8	0.117	0.6					
FDXM35F3V1B	x2 RZAG71M7Y1B				11.0	--	16	--	9.2	0.094	0.8	0.034 x2	0.3 x2					
FHA35AVEB	x2 RZAG71M7Y1B				11.6	--	16	--	9.2	0.094	0.8	0.060 x2	0.6 x2					
FHA71AVEB	RZAG71M7Y1B				11.2	--	16	--	9.2	0.094	0.8	0.091	0.8					
FCAG7100GVEB	RZAG100M7Y1B				3N~50Hz 380-415V	Minimum: 342 V Maximum: 456 V		15.4	--	16	--	12.0	0.094+0.094	0.75+0.75	0.221	1.3		
FCAG35AVEB	x3 RZAG100M7Y1B							12.9	--	16	--	10.0	0.094+0.094	0.75+0.75	0.044 x3	0.3 x3		
FCAG50AVEB	x2 RZAG100M7Y1B							13.6	--	16	--	11.0	0.094+0.094	0.75+0.75	0.039 x2	0.3 x2		
FCAG100AVEB	RZAG100M7Y1B							14.8	--	16	--	12.0	0.094+0.094	0.75+0.75	0.117	0.7		
FFA35A2VEB	x3 RZAG100M7Y1B							13.2	--	16	--	10.0	0.094+0.094	0.75+0.75	0.050 x3	0.4 x3		
FFA50A2VEB	x2 RZAG100M7Y1B	13.8	--	16				--	11.0	0.094+0.094	0.75+0.75	0.050 x2	0.4 x2					
FBA35A2VEB	x3 RZAG100M7Y1B	13.8	--	16				--	10.0	0.094+0.094	0.75+0.75	0.089 x3	0.6 x3					
FBA50A2VEB	x2 RZAG100M7Y1B	14.2	--	16				--	11.0	0.094+0.094	0.75+0.75	0.089 x2	0.6 x2					
FBA100A2VEB	RZAG100M7Y1B	15.1	--	16				--	12.0	0.094+0.094	0.75+0.75	0.127	1.0					
FNA35A2VEB	x3 RZAG100M7Y1B	12.9	--	16				--	10.0	0.094+0.094	0.75+0.75	0.034 x3	0.3 x3					
FNA50A2VEB	x2 RZAG100M7Y1B	14.0	--	16				--	11.0	0.094+0.094	0.75+0.75	0.060 x2	0.5 x2					
FUA100AVEB	RZAG100M7Y1B	15.4	--	16				--	12.0	0.094+0.094	0.75+0.75	0.106	1.3					
FAA100AUVEB	RZAG100M7Y1B	14.5	--	16				--	12.0	0.094+0.094	0.75+0.75	0.064	0.4					
FVA100AMVEB	RZAG100M7Y1B	15.3	--	16				--	12.0	0.094+0.094	0.75+0.75	0.238	1.2					
FDXM35F3V1B	x3 RZAG100M7Y1B	12.9	--	16				--	10.0	0.094+0.094	0.75+0.75	0.034 x3	0.3 x3					
FDXM50F3V1B	x2 RZAG100M7Y1B	14.0	--	16				--	11.0	0.094+0.094	0.75+0.75	0.060 x2	0.5 x2					
FHA35AVEB	x3 RZAG100M7Y1B	13.8	--	16				--	10.0	0.094+0.094	0.75+0.75	0.060 x3	0.6 x3					
FHA50AVEB	x2 RZAG100M7Y1B	14.2	--	16				--	11.0	0.094+0.094	0.75+0.75	0.060 x2	0.6 x2					
FHA100AVEB	RZAG100M7Y1B	15.4	--	16	--	12.0	0.094+0.094	0.75+0.75	0.150	1.3								

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#### RZAG71-100MY1

Indoor	Outdoor	Power supply	Voltage range		MCA	TOCA	MFA	MSC	RLA	Compressor		OFM		IFM	
										kW	FLA	kW	FLA	kW	FLA
FCAG7100GVEB	RZAG71M7Y1B	3N~50Hz 380-415V	Minimum: 342 V Maximum: 456 V		11.8	--	16	--	9.2	0.094	0.8	0.221	1.3		
FCAG35AVEB	x3 RZAG71M7Y1B				11.3	--	16	--	9.2	0.094	0.8	0.044 x3	0.3 x3		
FCAG50AVEB	x2 RZAG71M7Y1B				11.0	--	16	--	9.2	0.094	0.8	0.039 x2	0.3 x2		
FCAG100AVEB	RZAG71M7Y1B				11.1	--	16	--	9.2	0.094	0.8	0.117	0.7		
FFA35A2VEB	x3 RZAG71M7Y1B				11.6	--	16	--	9.2	0.094	0.8	0.050 x3	0.4 x3		
FFA50A2VEB	x2 RZAG71M7Y1B				11.2	--	16	--	9.2	0.094	0.8	0.050 x2	0.4 x2		
FBA35A2VEB	x3 RZAG71M7Y1B				12.3	--	16	--	9.2	0.094	0.8	0.089 x3	0.6 x3		
FBA50A2VEB	x2 RZAG71M7Y1B				11.6	--	16	--	9.2	0.094	0.8	0.089 x2	0.6 x2		
FBA100A2VEB	RZAG71M7Y1B				11.4	--	16	--	9.2	0.094	0.8	0.127	1.0		
FUA100AVEB	RZAG71M7Y1B				11.8	--	16	--	9.2	0.094	0.8	0.106	1.3		
FAA100AUVEB	RZAG71M7Y1B				10.8	--	16	--	9.2	0.094	0.8	0.064	0.4		
FVA100AMVEB	RZAG71M7Y1B				11.6	--	16	--	9.2	0.094	0.8	0.238	1.2		
FDXM35F3V1B	x3 RZAG71M7Y1B				11.3	--	16	--	9.2	0.094	0.8	0.034 x3	0.3 x3		
FDXM50F3V1B	x2 RZAG71M7Y1B				11.4	--	16	--	9.2	0.094	0.8	0.060 x2	0.5 x2		
FHA35AVEB	x3 RZAG71M7Y1B				12.3	--	16	--	9.2	0.094	0.8	0.060 x3	0.6 x3		
FHA50AVEB	x2 RZAG71M7Y1B				11.6	--	16	--	9.2	0.094	0.8	0.060 x2	0.6 x2		
FHA100AVEB	RZAG71M7Y1B				11.8	--	16	--	9.2	0.094	0.8	0.150	1.3		
FCAG71GVEB	x2 RZAG100M7Y1B				3N~50Hz 380-415V	Minimum: 342 V Maximum: 456 V		14.0	--	16	--	11.0	0.094+0.094	0.75+0.75	0.091 x2
FCAG140GVEB	RZAG100M7Y1B	15.5	--	16				--	12.0	0.094+0.094	0.75+0.75	0.244	1.4		
FCAG35AVEB	x4 RZAG100M7Y1B	13.2	--	16				--	10.0	0.094+0.094	0.75+0.75	0.044 x4	0.3 x4		
FCAG50AVEB	x3 RZAG100M7Y1B	12.9	--	16				--	10.0	0.094+0.094	0.75+0.75	0.039 x3	0.3 x3		
FCAG71AVEB	x2 RZAG100M7Y1B	13.8	--	16				--	11.0	0.094+0.094	0.75+0.75	0.054 x2	0.4 x2		
FCAG140AVEB	RZAG100M7Y1B	15.1	--	16				--	12.0	0.094+0.094	0.75+0.75	0.168	1.0		
FFA35A2VEB	x4 RZAG100M7Y1B	13.6	--	16				--	10.0	0.094+0.094	0.75+0.75	0.050 x4	0.4 x4		
FFA50A2VEB	x3 RZAG100M7Y1B	13.2	--	16				--	10.0	0.094+0.094	0.75+0.75	0.050 x3	0.4 x3		
FBA35A2VEB	x4 RZAG100M7Y1B	14.5	--	16				--	10.0	0.094+0.094	0.75+0.75	0.089 x4	0.6 x4		
FBA50A2VEB	x3 RZAG100M7Y1B	13.8	--	16				--	10.0	0.094+0.094	0.75+0.75	0.089 x3	0.6 x3		
FBA71A2VEB	x2 RZAG100M7Y1B	14.0	--	16				--	11.0	0.094+0.094	0.75+0.75	0.07 x2	0.5 x2		
FBA140A2VEB	RZAG100M7Y1B	15.9	--	16				--	12.0	0.094+0.094	0.75+0.75	0.187	1.5		
FUA71AVEB	x2 RZAG100M7Y1B	14.6	--	16				--	11.0	0.094+0.094	0.75+0.75	0.046 x2	0.9 x2		
FAA71AUVEB	x2 RZAG100M7Y1B	13.8	--	16				--	11.0	0.094+0.094	0.75+0.75	0.048 x2	0.4 x2		
FVA140AMVEB	RZAG100M7Y1B	15.5	--	16				--	12.0	0.094+0.094	0.75+0.75	0.276	1.4		
FDXM35F3V1B	x4 RZAG100M7Y1B	13.2	--	16				--	10.0	0.094+0.094	0.75+0.75	0.034 x4	0.3 x4		
FDXM50F3V1B	x3 RZAG100M7Y1B	13.5	--	16				--	10.0	0.094+0.094	0.75+0.75	0.060 x3	0.5 x3		
FHA35AVEB	x4 RZAG100M7Y1B	14.5	--	16				--	10.0	0.094+0.094	0.75+0.75	0.060 x4	0.6 x4		
FHA50AVEB	x3 RZAG100M7Y1B	13.8	--	16	--	10.0	0.094+0.094	0.75+0.75	0.060 x3	0.6 x3					
FHA71AVEB	x2 RZAG100M7Y1B	14.7	--	16	--	11.0	0.094+0.094	0.75+0.75	0.091 x2	0.8 x2					
FHA140AVEB	RZAG100M7Y1B	15.9	--	16	--	12.0	0.094+0.094	0.75+0.75	0.150	1.8					

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### 3 Electrical data

#### 3 - 1 Electrical Data

#### RZAG125-140MY1

Indoor	Outdoor	Power supply	Voltage range	MCA	TOCA	MFA	Compressor		OFM		IFM			
							MSC	RLA	kW	FLA	kW	FLA		
FCAHG125GVBE	RZAG125M7Y1B	3N~ 50Hz 380-415V	Minimum: 342 V Maximum: 456 V	16.0	-	16	-	11.5	0.094+0.094	0.75+0.75	0.244	1.4		
FCAG35AVEB	x4 RZAG125M7Y1B			12.2	-	16	-	9.0	0.094+0.094	0.75+0.75	0.044 x4	0.3 x4		
FCAG50AVEB	x3 RZAG125M7Y1B			12.9	-	16	-	10.0	0.094+0.094	0.75+0.75	0.039 x3	0.3 x3		
FCAG60AVEB	x2 RZAG125M7Y1B			14.1	-	16	-	11.5	0.094+0.094	0.75+0.75	0.044 x2	0.3 x2		
FCAG125AVEB	RZAG125M7Y1B			14.6	-	16	-	11.5	0.094+0.094	0.75+0.75	0.168	1.0		
FFA35A2VEB	x4 RZAG125M7Y1B			12.6	-	16	-	9.0	0.094+0.094	0.75+0.75	0.050 x4	0.4 x4		
FFA50A2VEB	x3 RZAG125M7Y1B			13.2	-	16	-	10.0	0.094+0.094	0.75+0.75	0.050 x3	0.4 x3		
FFA60A2VEB	x2 RZAG125M7Y1B			14.8	-	16	-	11.5	0.094+0.094	0.75+0.75	0.050 x2	0.6 x2		
FBA35A2VEB	x4 RZAG125M7Y1B			13.4	-	16	-	9.0	0.094+0.094	0.75+0.75	0.089 x4	0.6 x4		
FBA50A2VEB	x3 RZAG125M7Y1B			13.8	-	16	-	10.0	0.094+0.094	0.75+0.75	0.089 x3	0.6 x3		
FBA60A2VEB	x2 RZAG125M7Y1B			14.6	-	16	-	11.5	0.094+0.094	0.75+0.75	0.070 x2	0.5 x2		
FBA125A2VEB	RZAG125M7Y1B			15.1	-	16	-	11.5	0.094+0.094	0.75+0.75	0.187	1.5		
FNA35A2VEB	x4 RZAG125M7Y1B			12.2	-	16	-	9.0	0.094+0.094	0.75+0.75	0.034 x4	0.3 x4		
FNA50A2VEB	x3 RZAG125M7Y1B			13.5	-	16	-	10.0	0.094+0.094	0.75+0.75	0.060 x3	0.5 x3		
FNA60A2VEB	x2 RZAG125M7Y1B			14.6	-	16	-	11.5	0.094+0.094	0.75+0.75	0.060 x2	0.5 x2		
FUA125AVEB	RZAG125M7Y1B			15.0	-	16	-	11.5	0.094+0.094	0.75+0.75	0.106	1.4		
FVA125AMVEB	RZAG125M7Y1B			15.7	-	16	-	11.5	0.094+0.094	0.75+0.75	0.350	2.1		
FVA125AVEB	RZAG125M7Y1B			14.8	-	16	-	11.5	0.094+0.094	0.75+0.75	0.238	1.2		
FDXM35F3V1B	x4 RZAG125M7Y1B			12.2	-	16	-	9.0	0.094+0.094	0.75+0.75	0.034 x4	0.3 x4		
FDXM50F3V1B	x3 RZAG125M7Y1B			13.5	-	16	-	10.0	0.094+0.094	0.75+0.75	0.060 x3	0.5 x3		
FDXM60F3V1B	x2 RZAG125M7Y1B			14.6	-	16	-	11.5	0.094+0.094	0.75+0.75	0.060 x2	0.5 x2		
FHA35AVEB	x4 RZAG125M7Y1B			13.4	-	16	-	9.0	0.094+0.094	0.75+0.75	0.089 x4	0.6 x4		
FHA50AVEB	x3 RZAG125M7Y1B			13.8	-	16	-	10.0	0.094+0.094	0.75+0.75	0.060 x3	0.6 x3		
FHA60AVEB	x2 RZAG125M7Y1B			14.8	-	16	-	11.5	0.094+0.094	0.75+0.75	0.091 x2	0.6 x2		
FHA125AVEB	RZAG125M7Y1B			15.1	-	16	-	11.5	0.094+0.094	0.75+0.75	0.150	1.5		
FCAHG140GVBE	RZAG140M7Y1B			3N~ 50Hz 380-415V	Minimum: 342 V Maximum: 456 V	14.6	-	16	-	11.5	0.094+0.094	0.75+0.75	0.091 x2	0.5 x2
FCAG35AVEB	x4 RZAG140M7Y1B					12.2	-	16	-	9.0	0.094+0.094	0.75+0.75	0.044 x4	0.3 x4
FCAG50AVEB	x3 RZAG140M7Y1B					12.9	-	16	-	10.0	0.094+0.094	0.75+0.75	0.039 x3	0.3 x3
FCAG71AVEB	x2 RZAG140M7Y1B					14.4	-	16	-	11.5	0.094+0.094	0.75+0.75	0.054 x2	0.4 x2
FCAG140AVEB	RZAG140M7Y1B					14.6	-	16	-	11.5	0.094+0.094	0.75+0.75	0.168	1.0
FFA35A2VEB	x4 RZAG140M7Y1B	12.6	-			16	-	9.0	0.094+0.094	0.75+0.75	0.050 x4	0.4 x4		
FFA50A2VEB	x3 RZAG140M7Y1B	13.2	-			16	-	10.0	0.094+0.094	0.75+0.75	0.050 x3	0.4 x3		
FFA60A2VEB	x2 RZAG140M7Y1B	13.4	-			16	-	9.0	0.094+0.094	0.75+0.75	0.089 x4	0.6 x4		
FBA35A2VEB	x4 RZAG140M7Y1B	13.8	-			16	-	10.0	0.094+0.094	0.75+0.75	0.089 x3	0.6 x3		
FBA71A2VEB	x2 RZAG140M7Y1B	14.6	-			16	-	11.5	0.094+0.094	0.75+0.75	0.070 x2	0.5 x2		
FBA140A2VEB	RZAG140M7Y1B	15.1	-			16	-	11.5	0.094+0.094	0.75+0.75	0.187	1.5		
FNA35A2VEB	x4 RZAG140M7Y1B	12.2	-			16	-	9.0	0.094+0.094	0.75+0.75	0.034 x4	0.3 x4		
FNA50A2VEB	x3 RZAG140M7Y1B	13.5	-			16	-	10.0	0.094+0.094	0.75+0.75	0.060 x3	0.5 x3		
FNA60A2VEB	x2 RZAG140M7Y1B	14.4	-			16	-	11.5	0.094+0.094	0.75+0.75	0.046 x2	0.9 x2		
FUA71AVEB	x2 RZAG140M7Y1B	15.4	-			16	-	11.5	0.094+0.094	0.75+0.75	0.048 x2	0.4 x2		
FVA71AMVEB	x2 RZAG140M7Y1B	14.8	-			16	-	11.5	0.094+0.094	0.75+0.75	0.117 x2	0.6 x2		
FVA140AMVEB	RZAG140M7Y1B	15.0	-			16	-	11.5	0.094+0.094	0.75+0.75	0.276	1.4		
FDXM35F3V1B	x4 RZAG140M7Y1B	12.2	-			16	-	9.0	0.094+0.094	0.75+0.75	0.034 x4	0.3 x4		
FDXM50F3V1B	x3 RZAG140M7Y1B	13.5	-			16	-	10.0	0.094+0.094	0.75+0.75	0.060 x3	0.5 x3		
FHA35AVEB	x4 RZAG140M7Y1B	13.4	-			16	-	9.0	0.094+0.094	0.75+0.75	0.060 x4	0.6 x4		
FHA50AVEB	x3 RZAG140M7Y1B	13.8	-			16	-	10.0	0.094+0.094	0.75+0.75	0.060 x3	0.6 x3		
FHA71AVEB	x2 RZAG140M7Y1B	15.2	-			16	-	11.5	0.094+0.094	0.75+0.75	0.091 x2	0.8 x2		
FHA140AVEB	RZAG140M7Y1B	15.4	-			16	-	11.5	0.094+0.094	0.75+0.75	0.150	1.8		

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#### RZAG125-140MY1

Indoor	Outdoor	Power supply	Voltage range	MCA	TOCA	MFA	Compressor		OFM		IFM			
							MSC	RLA	kW	FLA	kW	FLA		
FCAHG140GVBE	RZAG140M7Y1B	3N~ 50Hz 380-415V	Minimum: 342 V Maximum: 456 V	14.6	-	16	-	11.5	0.094+0.094	0.75+0.75	0.091 x2	0.5 x2		
FCAG35AVEB	x4 RZAG140M7Y1B			12.2	-	16	-	9.0	0.094+0.094	0.75+0.75	0.044 x4	0.3 x4		
FCAG50AVEB	x3 RZAG140M7Y1B			12.9	-	16	-	10.0	0.094+0.094	0.75+0.75	0.039 x3	0.3 x3		
FCAG71AVEB	x2 RZAG140M7Y1B			14.4	-	16	-	11.5	0.094+0.094	0.75+0.75	0.054 x2	0.4 x2		
FCAG140AVEB	RZAG140M7Y1B			14.6	-	16	-	11.5	0.094+0.094	0.75+0.75	0.168	1.0		
FFA35A2VEB	x4 RZAG140M7Y1B			12.6	-	16	-	9.0	0.094+0.094	0.75+0.75	0.050 x4	0.4 x4		
FFA50A2VEB	x3 RZAG140M7Y1B			13.2	-	16	-	10.0	0.094+0.094	0.75+0.75	0.050 x3	0.4 x3		
FFA60A2VEB	x2 RZAG140M7Y1B			13.4	-	16	-	9.0	0.094+0.094	0.75+0.75	0.089 x4	0.6 x4		
FBA35A2VEB	x4 RZAG140M7Y1B			13.8	-	16	-	10.0	0.094+0.094	0.75+0.75	0.089 x3	0.6 x3		
FBA71A2VEB	x2 RZAG140M7Y1B			14.6	-	16	-	11.5	0.094+0.094	0.75+0.75	0.07 x2	0.5 x2		
FBA140A2VEB	RZAG140M7Y1B			15.1	-	16	-	11.5	0.094+0.094	0.75+0.75	0.187	1.5		
FUA71AVEB	x2 RZAG140M7Y1B			15.4	-	16	-	11.5	0.094+0.094	0.75+0.75	0.046 x2	0.9 x2		
FUA71AUVEB	x2 RZAG140M7Y1B			14.4	-	16	-	11.5	0.094+0.094	0.75+0.75	0.048 x2	0.4 x2		
FVA71AMVEB	x2 RZAG140M7Y1B			15.0	-	16	-	11.5	0.094+0.094	0.75+0.75	0.276	1.4		
FDXM35F3V1B	x4 RZAG140M7Y1B			12.2	-	16	-	9.0	0.094+0.094	0.75+0.75	0.034 x4	0.3 x4		
FDXM50F3V1B	x3 RZAG140M7Y1B			13.5	-	16	-	10.0	0.094+0.094	0.75+0.75	0.060 x3	0.5 x3		
FHA35AVEB	x4 RZAG140M7Y1B			13.4	-	16	-	9.0	0.094+0.094	0.75+0.75	0.060 x4	0.6 x4		
FHA50AVEB	x3 RZAG140M7Y1B			13.8	-	16	-	10.0	0.094+0.094	0.75+0.75	0.060 x3	0.6 x3		
FHA71AVEB	x2 RZAG140M7Y1B			15.2	-	16	-	11.5	0.094+0.094	0.75+0.75	0.091 x2	0.8 x2		
FHA140AVEB	RZAG140M7Y1B			15.4	-	16	-	11.5	0.094+0.094	0.75+0.75	0.150	1.8		
FCAHG125GVBE	RZAG125M7Y1B			3N~ 50Hz 380-415V	Minimum: 342 V Maximum: 456 V	14.6	-	16	-	11.5	0.094+0.094	0.75+0.75	0.091 x2	0.5 x2
FCAG35AVEB	x4 RZAG125M7Y1B					12.2	-	16	-	9.0	0.094+0.094	0.75+0.75	0.044 x4	0.3 x4
FCAG50AVEB	x3 RZAG125M7Y1B					12.9	-	16	-	10.0	0.094+0.094	0.75+0.75	0.039 x3	0.3 x3
FCAG71AVEB	x2 RZAG125M7Y1B					14.4	-	16	-	11.5	0.094+0.094	0.75+0.75	0.054 x2	0.4 x2
FCAG140AVEB	RZAG125M7Y1B					14.6	-	16	-	11.5	0.094+0.094	0.75+0.75	0.168	1.0
FFA35A2VEB	x4 RZAG125M7Y1B					12.6	-	16	-	9.0	0.094+0.094	0.75+0.75	0.050 x4	0.4 x4
FFA50A2VEB	x3 RZAG125M7Y1B					13.2	-	16	-	10.0	0.094+0.094	0.75+0.75	0.050 x3	0.4 x3
FFA60A2VEB	x2 RZAG125M7Y1B					13.4	-	16	-	9.0	0.094+0.094	0.75+0.75	0.089 x4	0.6 x4
FBA35A2VEB	x4 RZAG125M7Y1B					13.8	-	16	-	10.0	0.094+0.094	0.75+0.75	0.089 x3	0.6 x3
FBA71A2VEB	x2 RZAG125M7Y1B					14.6	-	16	-	11.5	0.094+0.094	0.75+0.75	0.07 x2	0.5 x2
FBA140A2VEB	RZAG125M7Y1B	15.1	-			16	-	11.5	0.094+0.094	0.75+0.75	0.187	1.5		
FUA71AVEB	x2 RZAG125M7Y1B	15.4	-			16	-	11.5	0.094+0.094	0.75+0.75	0.046 x2	0.9 x2		
FUA71AUVEB	x2 RZAG125M7Y1B	14.4	-			16	-	11.5	0.094+0.094	0.75+0.75	0.048 x2	0.4 x2		
FVA71AMVEB	x2 RZAG125M7Y1B	15.0	-			16	-	11.5	0.094+0.094	0.75+0.75	0.276	1.4		
FDXM35F3V1B	x4 RZAG125M7Y1B	12.2	-			16	-	9.0	0.094+0.094	0.75+0.75	0.034 x4	0.3 x4		
FDXM50F3V1B	x3 RZAG125M7Y1B	13.5	-			16	-	10.0	0.094+0.094	0.75+0.75	0.060 x3	0.5 x3		
FHA35AVEB	x4 RZAG125M7Y1B	13.4	-			16	-	9.0	0.094+0.094	0.75+0.75	0.060 x4	0.6 x4		
FHA50AVEB	x3 RZAG125M7Y1B	13.8	-			16	-	10.0	0.094+0.094	0.75+0.75	0.060 x3	0.6 x3		
FHA71AVEB	x2 RZAG125M7Y1B	15.2	-			16	-	11.5						

# 4 Options

## 4 - 1 Options

4

AZAS-MV1

AZAS-MY1

RZAG-MV1

RZAG-MY1

Available options for RZAG models

RZASG-MV1

RZASG-MY1

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

Available options for RZASG models

Option		Option kit			
		RZASG71M2V1B	RZASG100M7V1B RZASG100M7Y1B	RZASG125M7V1B RZASG125M7Y1B	RZASG140M7V1B RZASG140M7Y1B
Bottom plate heater		-			
Refrigerant branch piping	Twin	KHRQ(M)58T			
	Triple	-	KHRQ(M)58H		
	Double twin	-	KHRQ(M)58T (3x)		
Demand adaptor kit		SB.KRP58M52			

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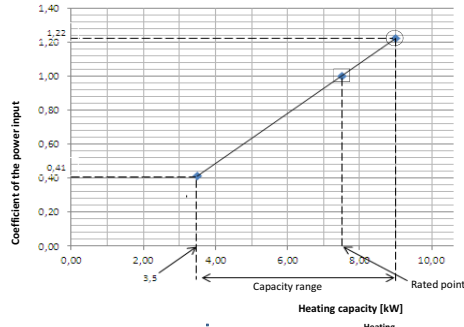
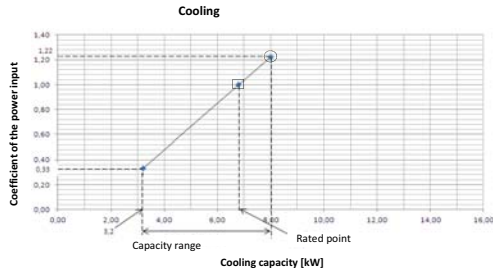


# 6 Capacity tables

## 6 - 2 Cooling/Heating Capacity Tables

6

### RZAG71MV1 RZAG71MY1



**Heating**

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

Indoor		Outdoor temperature [°C DB]											
		25			30			35			40		
°CWB	°CDB	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI
16	18	1.55	1.78	1.88	1.87	1.64	1.61	1.86	1.86	1.86	1.86	1.86	1.86
18	20	1.47	1.33	1.63	1.73	1.62	1.73	1.62	1.73	1.62	1.73	1.62	1.73
20	22	1.47	1.33	1.63	1.73	1.62	1.73	1.62	1.73	1.62	1.73	1.62	1.73
22	24	1.47	1.33	1.63	1.73	1.62	1.73	1.62	1.73	1.62	1.73	1.62	1.73
24	26	1.47	1.33	1.63	1.73	1.62	1.73	1.62	1.73	1.62	1.73	1.62	1.73

**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 × AFR (m<sup>3</sup>/min) × (1-BF) × (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: 0m
- 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.

Pair	Outdoor temperature [°C WB]							
	-15.0	-10.0	-5.0	0.0	6.0	10.0	15.0	18.0
Indoor	TC	CPI	TC	CPI	TC	CPI	TC	CPI
16	6.44	0.93	7.09	0.99	7.55	1.02	7.79	1.06
18	6.43	0.98	7.08	1.03	7.54	1.07	7.78	1.10
20	6.42	1.01	7.07	1.07	7.53	1.12	7.77	1.14
21	6.42	1.03	7.07	1.09	7.53	1.13	7.77	1.16
22	6.42	1.05	7.06	1.11	7.52	1.15	7.76	1.19
24	6.41	1.09	7.05	1.15	7.51	1.20	7.75	1.23

9. The rated power input for each model is mentioned in the table below.

Pair	Outdoor temperature [°C WB]							
	-15.0	-10.0	-5.0	0.0	6.0	10.0	15.0	18.0
Indoor	TC	CPI	TC	CPI	TC	CPI	TC	CPI
16	6.44	0.93	7.09	0.99	7.55	1.02	7.79	1.06
18	6.43	0.98	7.08	1.03	7.54	1.07	7.78	1.10
20	6.42	1.01	7.07	1.07	7.53	1.12	7.77	1.14
21	6.42	1.03	7.07	1.09	7.53	1.13	7.77	1.16
22	6.42	1.05	7.06	1.11	7.52	1.15	7.76	1.19
24	6.41	1.09	7.05	1.15	7.51	1.20	7.75	1.23

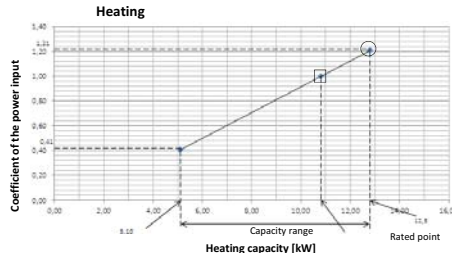
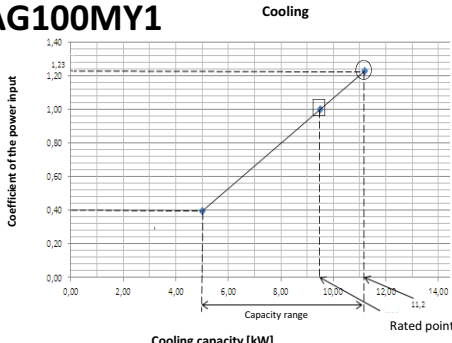
Twin	Outdoor temperature [°C WB]					
	-15.0	-10.0	-5.0	0.0	6.0	10.0
Indoor	TC	CPI	TC	CPI	TC	CPI
16	6.44	0.93	7.09	0.99	7.55	1.02
18	6.43	0.98	7.08	1.03	7.54	1.07
20	6.42	1.01	7.07	1.07	7.53	1.12
21	6.42	1.03	7.07	1.09	7.53	1.13
22	6.42	1.05	7.06	1.11	7.52	1.15
24	6.41	1.09	7.05	1.15	7.51	1.20

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# 6 Capacity tables

## 6 - 2 Cooling/Heating Capacity Tables

### RZAG100MV1 RZAG100MY1



**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

- 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: 0m
  - 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.

Pair	FCAHG100G		FCAG100A		FAA100A		FVA100A		FHA100A		FUA100A		FBA100A	
	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)
	32.3	(0.17)	22.8	(0.17)	26.0	(0.20)	28.0	(0.20)	28.0	(0.20)	31.0	(0.20)	29.0	(0.03)

Twin	FCA60A X 2		FHA60A X 2		FFA60A X 2		FDXMS0F3 X 2		FBA60A X 2		FNA60A X 2	
	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)
	12.6 x 2	(0.22 x 2)	15.0 x 2	(0.18 x 2)	12.0 x 2	(0.10)	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	FCA35A X 3		FHA35A X 3		FFA35A X 3		FDXMS3F3 X 3		FBA35A X 3		FNA35A X 3	
	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)
	12.5 x 3	(0.40 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)

Indoor	Outdoor temperature [°C DB]												
	25			30			35			40			
	°CWB	°CDB	PI	°CWB	°CDB	PI	°CWB	°CDB	PI	°CWB	°CDB	PI	
16.0	22	11.20	7.61	1.01	10.85	7.44	1.11	10.50	7.29	1.22	10.11	7.09	1.32
18.0	25	11.80	7.59	1.01	11.37	7.49	1.12	11.00	7.27	1.23	10.55	7.09	1.33
19.0	27	12.00	7.57	1.02	11.62	7.44	1.12	11.20	7.26	1.23	10.80	7.04	1.33
19.5	27	12.15	7.59	1.02	11.74	7.27	1.13	11.43	7.34	1.23	10.91	7.04	1.34
22.0	30	12.80	7.52	1.02	12.37	7.36	1.13	11.90	7.16	1.24	11.52	7.03	1.35
24.0	32	13.30	7.42	1.03	12.88	7.27	1.14	12.40	7.06	1.25	11.97	6.91	1.36

Indoor	Outdoor temperature [°C WB]											
	-15.0		-10.0		-5.0		0.0		6.0		10.0	
	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI
°CDB	kW	—	kW	—	kW	—	kW	—	kW	—	kW	—
16	8.58	0.92	9.45	0.98	10.1	1.02	10.4	1.05	12.8	1.11	13.8	1.18
18	8.57	0.97	9.44	1.02	10.0	1.06	10.3	1.09	12.9	1.16	13.8	1.23
20	8.56	1.00	9.43	1.06	10.0	1.11	10.3	1.13	12.8	1.21	13.8	1.27
21	8.56	1.02	9.42	1.08	10.0	1.12	10.3	1.15	12.8	1.23	13.8	1.30
22	8.55	1.04	9.42	1.10	10.0	1.14	10.3	1.18	12.8	1.26	13.8	1.32
24	8.54	1.05	9.41	1.14	10.0	1.19	10.3	1.22	12.8	1.31	13.8	1.37

9. The rated power input for each model is mentioned in the table below.

Pair	FCAHG100G		FCAG100A		FAA100A		FVA100A		FHA100A		FUA100A		FBA100A	
	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
	1.88	2.12	2.15	2.72	2.14	3.45	2.24	2.88	1.95	2.58	2.24	2.62	2.26	2.78

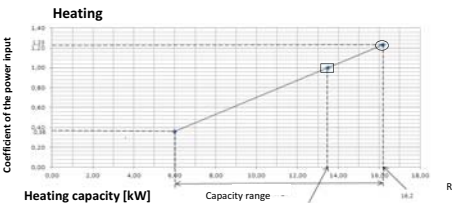
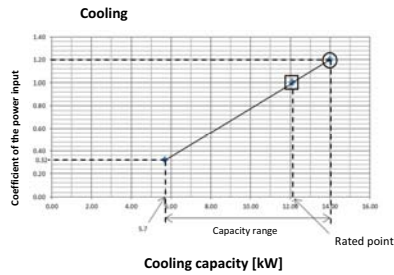
Twin	FCA60A X 2		FHA60A X 2		FFA60A X 2		FDXMS0F3 X 2		FBA60A X 2		FNA60A X 2	
	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
	1.94	2.04	1.95	2.55	2.50	3.16	1.89	2.47	1.98	2.68	1.89	2.47

Triple	FCA35A X 3		FHA35A X 3		FFA35A X 3		FDXMS3F3 X 3		FBA35A X 3		FNA35A X 3	
	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
	1.74	2.07	1.44	2.06	2.02	3.14	1.99	2.85	2.21	2.23	1.99	2.85

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### RZAG125MV1 RZAG125MY1



**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

- 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: 0m
  - 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.

Pair	FCAHG125G		FCAG125A		FAA125A		FVA125A		FHA125A		FUA125A		FBA125A	
	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)
	33.5	(0.19)	26.0	(0.21)	39.0	(0.16)	28.0	(0.16)	31.0	(0.14)	32.5	(0.19)	34.0	(0.06)

Twin	FCA60A X 2		FHA60A X 2		FFA60A X 2		FDXMS0F3 X 2		FBA60A X 2		FNA60A X 2	
	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)
	13.6 x 2	(0.20 x 2)	19.5 x 2	(0.20 x 2)	14.5 x 2	(0.11 x 2)	16.0 x 2	(0.12 x 2)	18.0 x 2	(0.18 x 2)	16.0 x 2	(0.12 x 2)

Triple	FCA35A X 3		FHA35A X 3		FFA35A X 3		FDXMS3F3 X 3		FBA35A X 3		FNA35A X 3	
	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)
	12.6 x 3	(0.22 x 3)	15.0 x 3	(0.18 x 3)	12.0 x 3	(0.16 x 3)	15.8 x 3	(0.11 x 3)	15.0 x 3	(0.13 x 3)	16.0 x 3	(0.11 x 3)

Double twin	FCA35A X 4		FHA35A X 4		FFA35A X 4		FDXMS3F3 X 4		FBA35A X 4		FNA35A X 4	
	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)	AFR	(BF)
	12.5 x 4	(0.40 x 4)	14.0 x 4	(0.17 x 4)	10.0 x 4	(0.25 x 4)	8.7 x 4	(0.17 x 4)	15.0 x 4	(0.08 x 4)	8.7 x 4	(0.17 x 4)

Indoor	Outdoor temperature [°C DB]												
	25			30			35			40			
	°CWB	°CDB	PI	°CWB	°CDB	PI	°CWB	°CDB	PI	°CWB	°CDB	PI	
16.0	22	14.30	9.54	0.99	14.90	9.30	1.09	15.30	9.14	1.19	14.90	8.78	1.29
18.0	25	15.70	9.50	0.99	15.20	9.31	1.09	15.70	9.09	1.20	15.20	8.83	1.30
19.0	27	15.00	9.52	1.00	15.50	9.30	1.10	16.00	9.06	1.20	15.50	8.87	1.31
19.5	27	15.21	9.52	1.00	15.68	9.26	1.11	16.15	9.08	1.20	15.68	8.81	1.31
22.0	30	16.00	9.35	1.00	16.47	9.34	1.11	16.90	8.95	1.21	16.38	8.74	1.32
24.0	32	16.70	9.31	1.01	16.10	9.09	1.11	17.50	8.83	1.23	16.97	8.63	1.33

Indoor	Outdoor temperature [°C WB]											
	-15.0		-10.0		-5.0		0.0		6.0		10.0	
	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI
°CDB	kW	—	kW	—	kW	—	kW	—	kW	—	kW	—
16	11.0	0.94	12.1	1.00	12.9	1.03	13.2	1.06	16.2	1.13	17.5	1.20
18	11.0	0.98	12.1	1.03	12.9	1.08	13.2	1.11	16.2	1.18	17.5	1.25
20	11.0	1.02	12.0	1.08	12.9	1.13	13.2	1.15	16.2	1.23	17.5	1.30
21	11.0	1.04	12.0	1.10	12.8	1.14	13.2	1.17	16.2	1.25	17.5	1.32
22	11.0	1.06	12.0	1.12	12.8	1.16	13.2	1.20	16.2	1.28	17.4	1.34
24	11.0	1.10	12.0	1.16	12.8	1.21	13.2	1.24	16.2	1.33	17.4	1.39

Pair	FCAHG125G		FCAG125A		FAA125A		FVA125A		FHA125A		FUA125A		FBA125A	
	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
	2.81	3.02	3.17	5.83	3.17	3.61	3.72	4.63	2.94	3.75	3.58	4.21	3.64	3.75

Twin	FCA60A X 2		FHA60A X 2		FFA60A X 2		FDXMS0F3 X 2		FBA60A X 2		FNA60A X 2	
	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
	2.57	3.45	2.78	4.31	3.09	3.63	2.42	3.32	3.21	3.63	2.47	3.63

Triple	FCA35A X 3		FHA35A X 3		FFA35A X 3		FDXMS3F3 X 3		FBA35A X 3		FNA35A X 3	
	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
	2.25	2.84	2.69	3.28	2.78	3.26	2.09	2.92	3.10	3.13	2.09	2.92

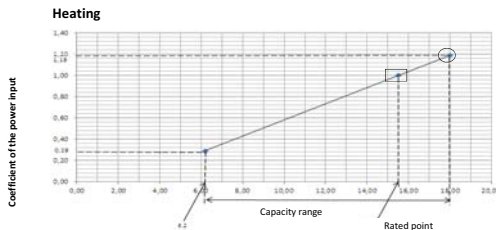
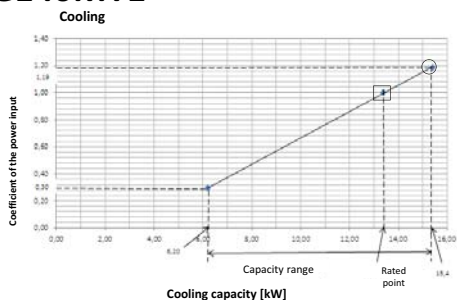
Double twin	FCA35A X 4		FHA35A X 4		FFA35A X 4		FDXMS3F3 X 4		FBA35A X 4		FNA35A X 4	
	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating
	2.06	2.59	2.05	2.86	2.43	3.50	2.36	3.44	2.93	3.44	2.34	3.44

3D112142

# 6 Capacity tables

## 6 - 2 Cooling/Heating Capacity Tables

### RZAG140MV1 RZAG140MY1



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

- Notes
- The ratings shown are net capacities which include a deduction for indoor fan motor heat.
  - = Maximum at standard conditions  
 ○ = Rated capacity and rated coefficient of the power input  
 The maximum capacity is not guaranteed except at standard conditions.
  - SHC is based on indoor units EWB & EDB.  
 SHC for other dry-bulb temperatures = SHC + SHC\*  
 SHC\* = SHC correction for other dry-bulb temperatures  
 = 0.02 x AFR (m<sup>3</sup>/min) x (1 - BF) x (DB\* - EDB)
  - The capacities are based on the following conditions:  
 Outdoor air: 85% RH  
 However, the outdoor ambient condition of the rated capacity during heating operation is 7°C DB / 6°C WB.  
 Corresponding refrigerant piping length: 5.0 m  
 Level difference: 0m
  - 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.

Pair	FCAHG140G	FCAG140A	FVA140A	FHA140A	FBA140A
AFR	33.5	26.0	30.0	34.0	34.0
(BF)	(0.15)	(0.23)	(0.18)	(0.17)	(0.06)

Twin	FCAHG71G X 2	FCAG71A X 2	FAA71A X 2	FHA71A X 2	FUA71A X 2	FBA71A X 2	FVA71A X 2
AFR	21.2 x 2	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)	(0.20 x 2)	(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	FCAG50A X 3	FHA50A X 3	FFA50A X 3	FDXM50F3 X 3	FBA50A X 3	FNA50A X 3
AFR	12.6 x 3	15.0 x 3	12.0 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	FCAG35A X 4	FHA35A X 4	FFA35A X 4	FDXM35F3 X 4	FBA35A X 4	FNA35A X 4
AFR	12.5 x 4	14.0 x 4	10.0 x 4	8.7 x 4	15.0 x 4	8.7 x 4
(BF)	(0.40 x 4)	(0.20 x 4)	(0.25 x 4)	(0.17 x 4)	(0.08 x 4)	(0.17 x 4)

Indoor	Outdoor temperature (°C DB)												
	25			30			35			40			
	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	
TCWB	TCDB	kW	kW	—	kW	kW	—	kW	kW	—	kW	kW	—
18.0	22	15.30	10.97	0.98	14.93	10.25	1.03	14.44	10.03	1.18	13.80	9.60	1.28
18.0	25	16.17	10.55	0.98	15.62	10.21	1.09	15.11	10.01	1.19	14.52	9.71	1.30
19.0	27	16.56	10.43	0.99	16.06	10.18	1.09	15.40	9.98	1.19	14.83	9.76	1.30
19.5	27	16.74	10.49	0.99	16.14	10.18	1.10	15.57	10.00	1.19	14.93	9.76	1.30
22.0	30	17.61	10.37	0.99	17.01	10.16	1.10	16.36	9.93	1.21	15.76	9.60	1.31
24.0	34	18.88	10.20	1.00	17.74	10.00	1.11	17.04	9.87	1.22	16.41	9.47	1.32

Indoor	Outdoor temperature (°C WB)																	
	-15.0			-10.0			-5.0			0.0			6.0			10.0		
	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI		
TCDB	kW	—	kW	—	kW	—	kW	—	kW	—	kW	—	kW	—	kW	—	kW	
16	11.6	0.95	12.7	0.97	13.6	1.00	13.9	1.03	18.0	1.09	19.4	1.16	18	11.6	0.99	12.7	1.06	
20	11.6	0.99	12.7	1.06	13.6	1.09	13.9	1.11	18.0	1.19	19.4	1.26	21	11.5	1.00	12.7	1.06	
21	11.5	1.00	12.7	1.06	13.6	1.11	13.9	1.13	18.0	1.21	19.4	1.28	22	11.5	1.02	12.7	1.08	
24	11.5	1.07	12.6	1.12	13.6	1.17	13.9	1.20	18.0	1.29	19.4	1.35						

9. The rated power input for each model is mentioned in the table below.

Pair	FCAHG140G	FCAG140A	FVA140A	FHA140A	FBA140A
Cooling	3.44	4.21	4.61	4.49	4.30
Heating	3.49	5.83	5.56	3.46	5.04

Twin	FCAHG71G X 2	FCAG71A X 2	FAA71A X 2	FHA71A X 2	FUA71A X 2	FBA71A X 2	FVA71A X 2
Cooling	2.71	3.53	3.77	3.64	3.30	3.49	4.13
Heating	2.79	4.79	3.05	3.10	2.90	4.82	5.24

Triple	FCAG50A X 3	FHA50A X 3	FFA50A X 3	FDXM50F3 X 3	FBA50A X 3	FNA50A X 3
Cooling	3.10	3.85	3.93	2.95	3.59	2.95
Heating	4.46	2.96	5.18	3.96	4.29	3.86

Double twin	FCAG35A X 4	FHA35A X 4	FFA35A X 4	FDXM35F3 X 4	FBA35A X 4	FNA35A X 4
Cooling	2.82	2.86	3.34	3.34	3.35	3.34
Heating	5.84	3.31	5.60	4.67	3.81	4.67

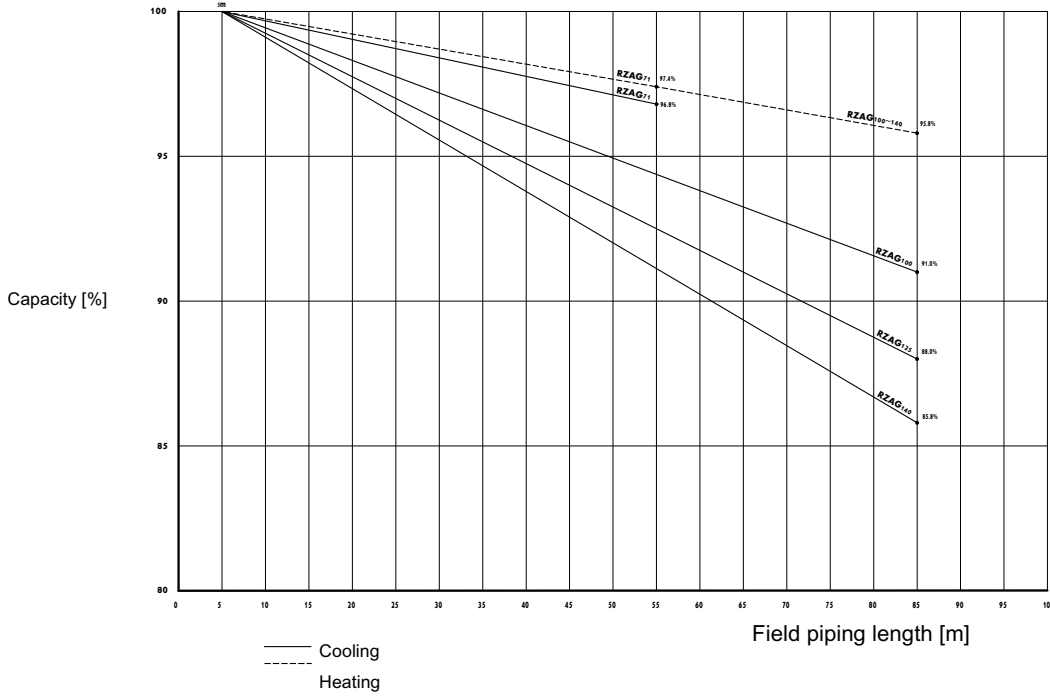
3D112143

# 6 Capacity tables

## 6 - 3 Capacity Correction Factor

RZAG-MV1  
RZAG-MY1

Capacity in function of field piping length



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# 7 Dimensional drawings

## 7 - 1 Dimensional Drawings

7

AZAS100-140MV1

AZAS-MY1

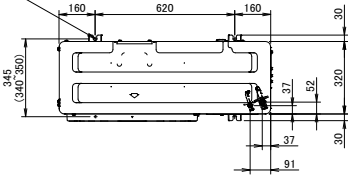
RZAG71MV1

RZAG71MY1

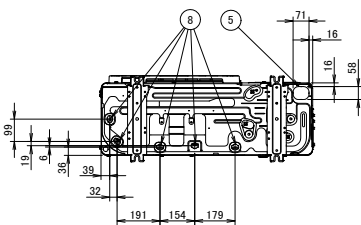
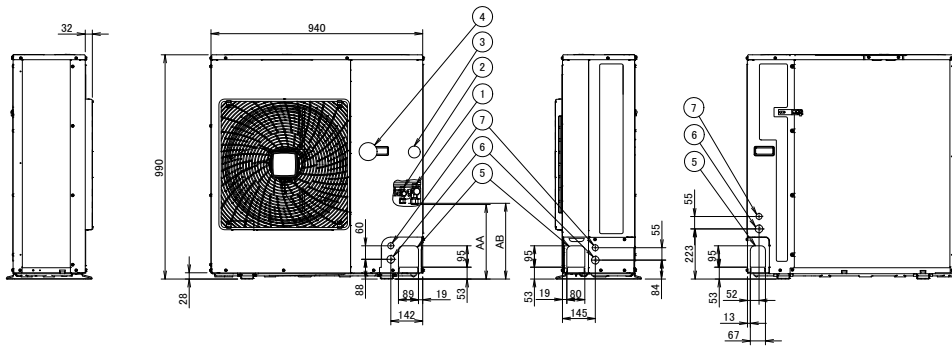
RZASG100-140MV1

RZASG-MY1

4 holes for anchor bolts  
M12



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



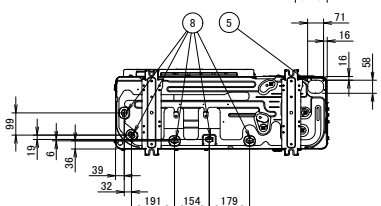
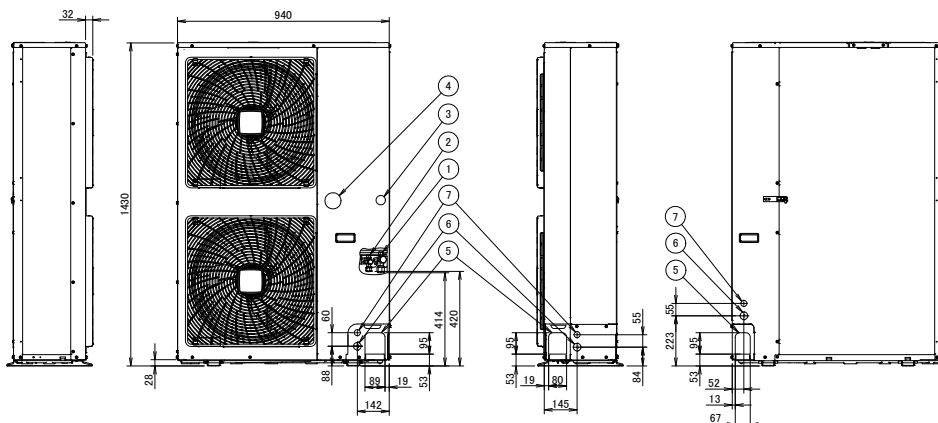
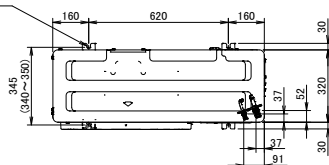
- ① Gas pipe connection Ø15.9 flare
- ② Liquid pipe connection Ø9.5 flare
- ③ Service port (in the unit)
- ④ Electronic connection and grounding terminal M5 (in the switch box)
- ⑤ Refrigerant piping intake
- ⑥ Power supply wiring intake (knockout hole Ø34)
- ⑦ Control wiring intake (knockout hole Ø27)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

3D110011

RZAG100-140MV1

RZAG100-140MY1

4 holes for anchor bolts  
M12



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

3D110012



## 8 Centre of gravity

### 8 - 1 Centre of Gravity

AZAS100-140MV1

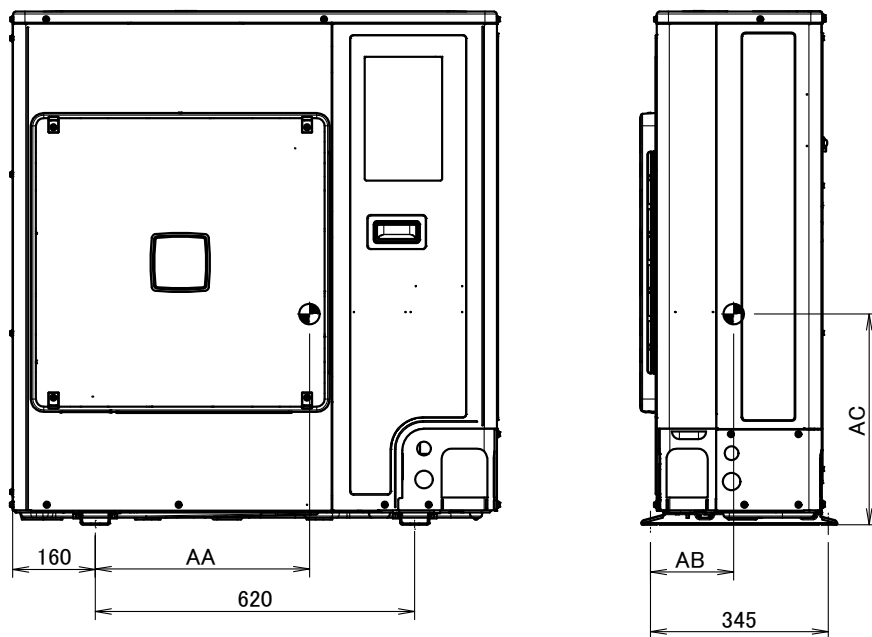
AZAS-MY1

RZAG71MV1

RZAG71MY1

RZASG100-140MV1

RZASG-MY1



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

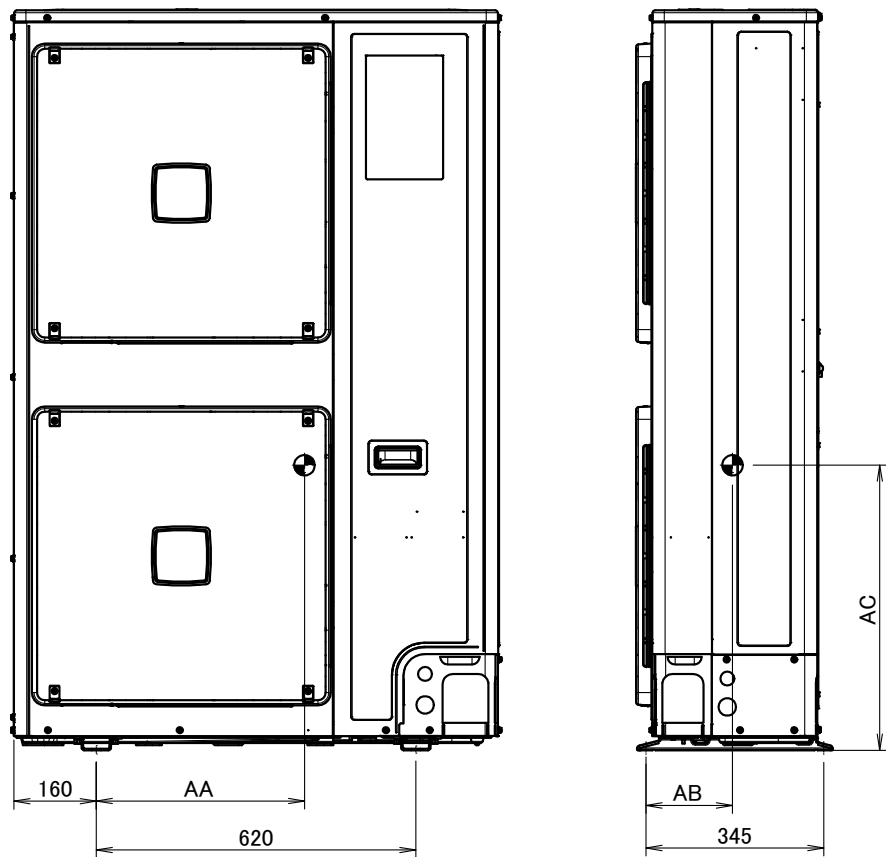
4D110025

## 8 Centre of gravity

### 8 - 1 Centre of Gravity

RZAG100-140MV1

RZAG100-140MY1



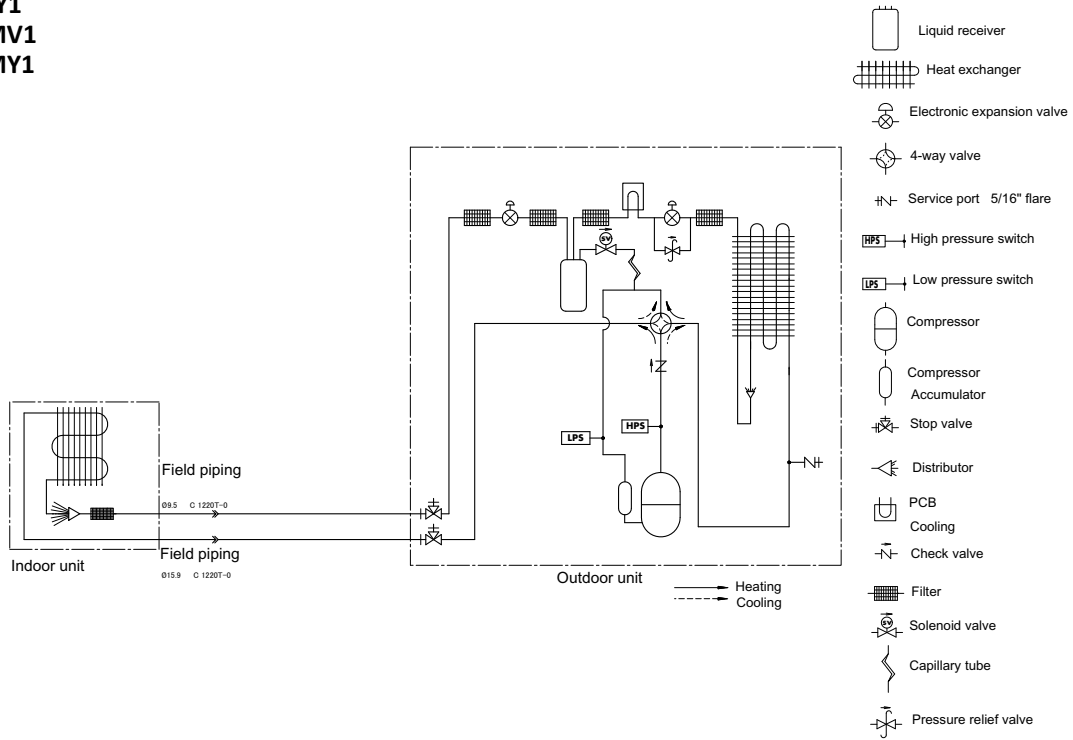
Model	AA	AB	AC
RZAG100-140M7V*	403	176	536
RZAG100-140M7Y*	396	173	572

4D110026

# 9 Piping diagrams

## 9 - 1 Piping Diagrams

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



Notes

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

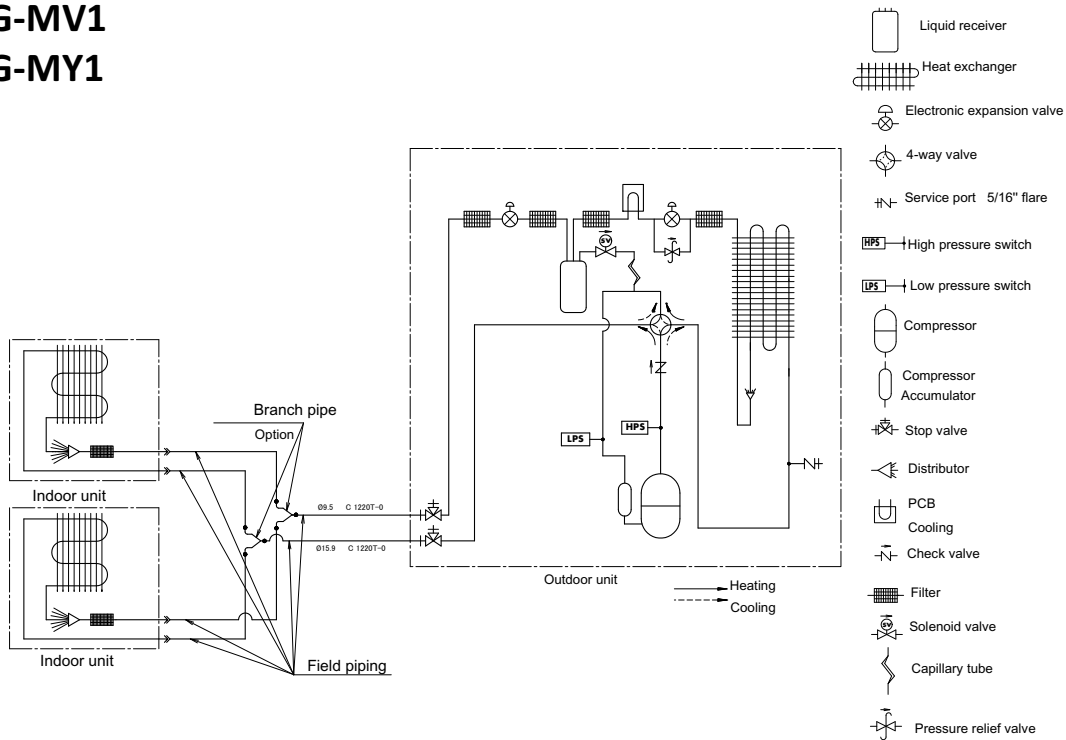
3D108855A

# 9 Piping diagrams

## 9 - 2 Piping Diagram Twin Application

9

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



**Notes**

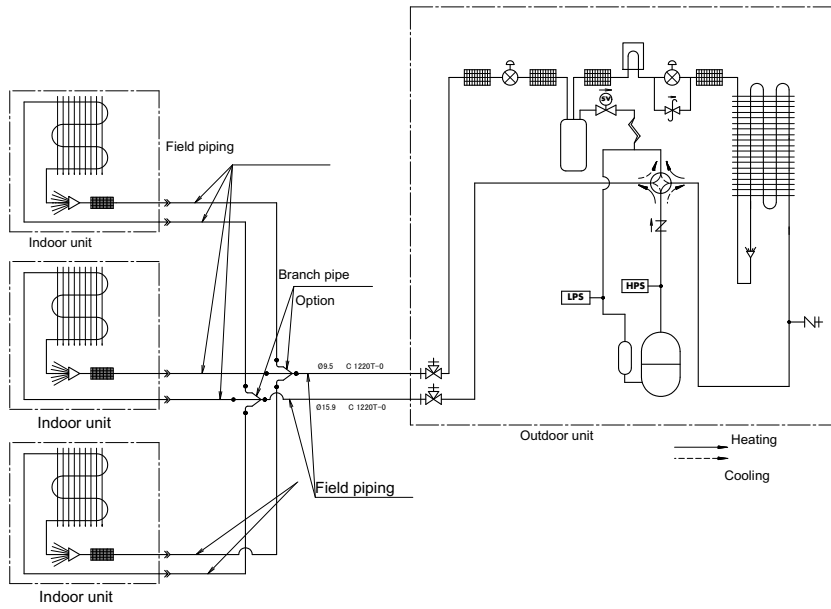
1. The pipes between the branch and the indoor units should have the same size as the indoor connections.

**3D108856A**

# 9 Piping diagrams

## 9 - 3 Piping Diagram Triple Application

**RZAG100-140MV1**  
**RZAG100-140MY1**  
**RZASG100-140MV1**  
**RZASG-MY1**



- Liquid receiver
- Heat exchanger
- Electronic expansion valve
- 4-way valve
- Service port 5/16" flare
- High pressure switch
- Low pressure switch
- Compressor
- Compressor Accumulator
- Stop valve
- Distributor
- PCB Cooling
- Check valve
- Filter
- Solenoid valve
- Capillary tube
- Pressure relief valve

**Notes**

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

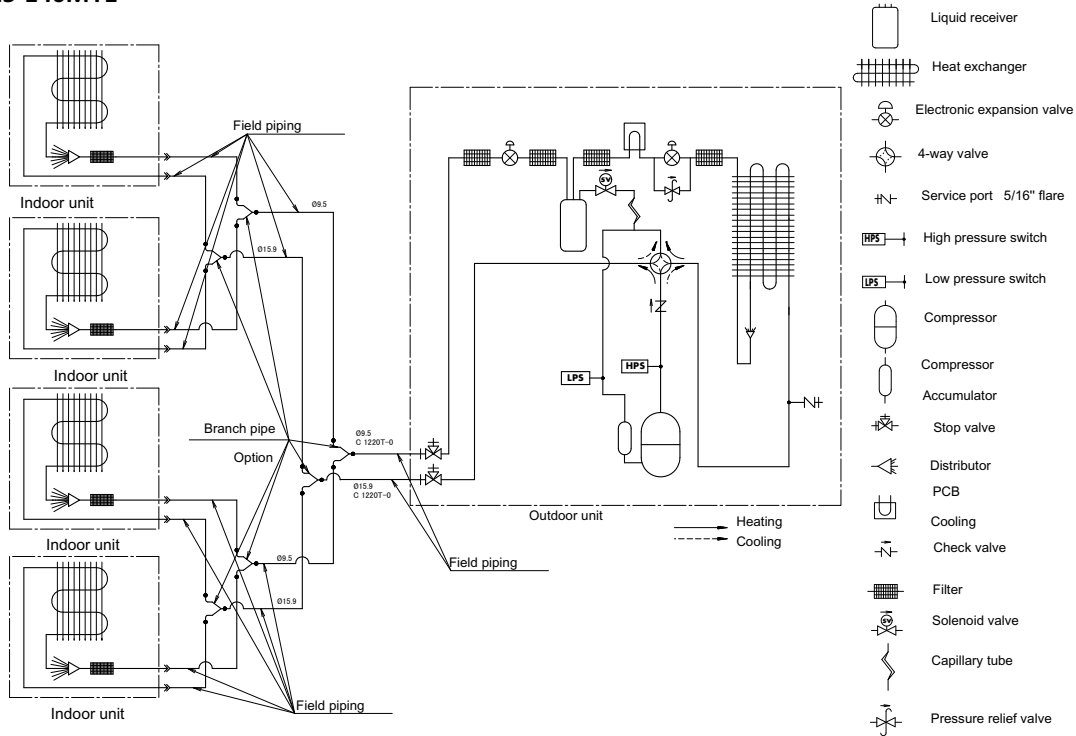
**3D108857A**

# 9 Piping diagrams

## 9 - 4 Piping Diagram Double Twin Application

RZAG125-140MV1  
 RZAG125-140MY1  
 RZASG125-140MV1  
 RZASG125-140MY1

9



Notes

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

3D108858A

# 10 Wiring diagrams

## 10 - 1 Wiring Diagrams - Three Phase

RZAG-MY1, RZASG-MY1, AZAS-MY1

(2) Layout

OUTDOOR

Front

Back

Position of compressor terminal

LEGEND

Part n°	Description
A1P	Printed circuit board (main)
A2P	Printed circuit board (noise filter)
BS1-BS3 (A1P)	Push-button switch
C1-C5 (A1P)	Capacitor
DS1 (A1P)	Dipswitch
E1H	Bottom plate heater
F1U (A2P)	Fuse T 6.3 A 250 V
F2U, F3U (A2P)	Fuse T 30 A 500 V
F6U (A1P)	Fuse T 6.3 A 250 V
F7U (A1P)	Fuse T 5 A 250 V
F8U, F9U	Fuse T 1 A 250 V
H4P (A1P)	Light-emitting diode (service monitor is green)
K1M, K3M (A1P)	Magnetic contactor
K1R (A1P)	Magnetic relay (Y1S)
K2R (A1P)	Magnetic relay (Y2S)
K4R (A1P)	Magnetic relay (E1H)
K10R	Magnetic relay
K13R-K15R (A1P)	Magnetic relay
L1R	Reactor
M1C	Compressor motor
M1F, M2F	Fan motor
PS (A1P)	Switching power supply
Q1D1	Earth leakage circuit breaker (30mA)
Q1E	Overload protection
R1-R8 (A1P)	Resistor
R1T	Thermistor (air)
R2T	Thermistor (discharge)
R3T	Thermistor (suction)
R4T	Thermistor (heat exchanger)
R5T	Thermistor (heat exchanger middle)
R6T	Thermistor (liquid)
R7T	Thermistor (fin)
RC (A1P)	Signal receiver circuit
S1PH	High pressure switch
S1PL	Low pressure switch
SEG1-SEG3 (A1P)	7-segment display
TC (A1P)	Signal transmission circuit
V1D, V2D (A1P)	Diode
V1R, V2R (A1P)	Diode module
V3R-V5R (A1P)	IGBT power module
X1M	Terminal strip
Y1E, Y3E	Electronic expansion valve
Y1S, Y2S	Solenoid valve (4-way valve)
Z1C-Z5C	Noise filter (ferrite core)
Z1F-Z2F (A1P-A2P)	Noise filter
L'A, L'B, NA, NBE*, U, V, W, X'A (A1P, A2P)	Connector

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.

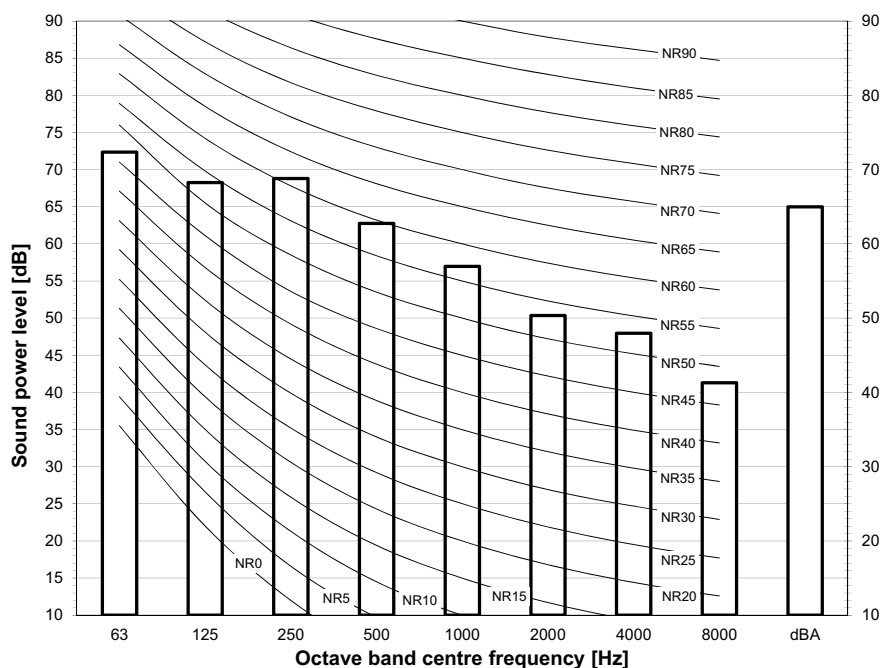
4D109448

# 11 Sound data

## 11 - 1 Sound Power Spectrum

11

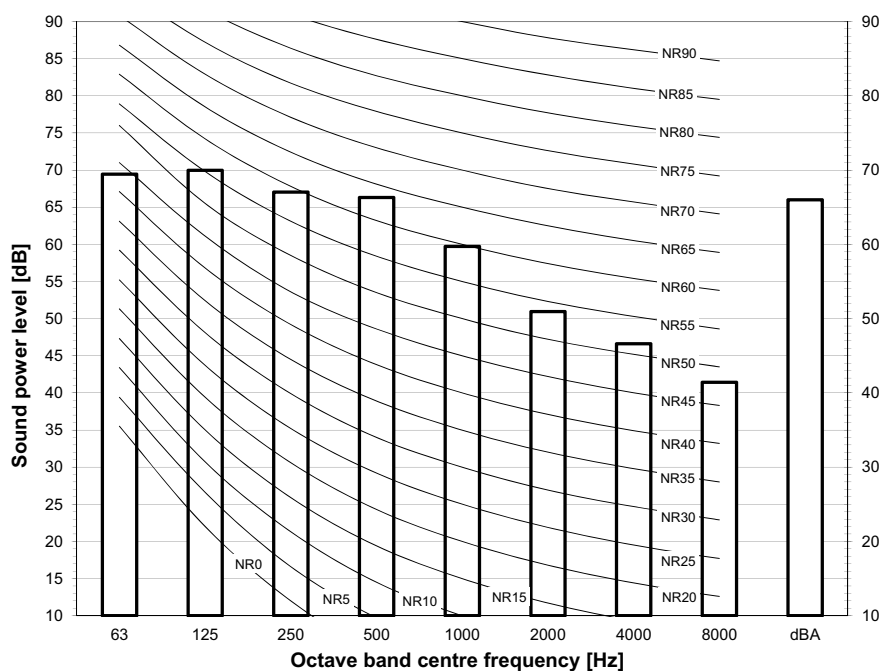
### RZAG71MY1



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

3D110033

### RZAG100MY1



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

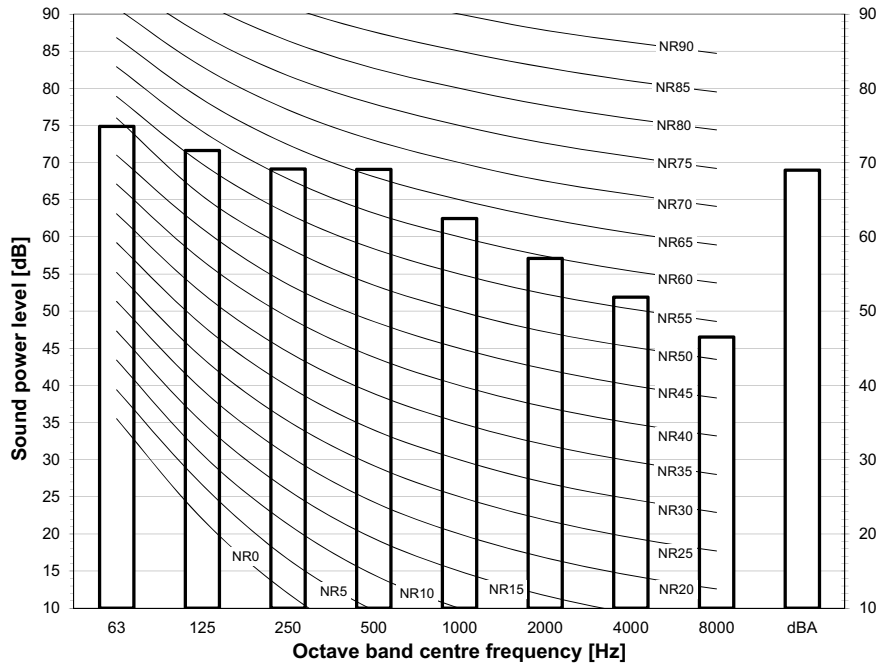
3D110034



# 11 Sound data

## 11 - 1 Sound Power Spectrum

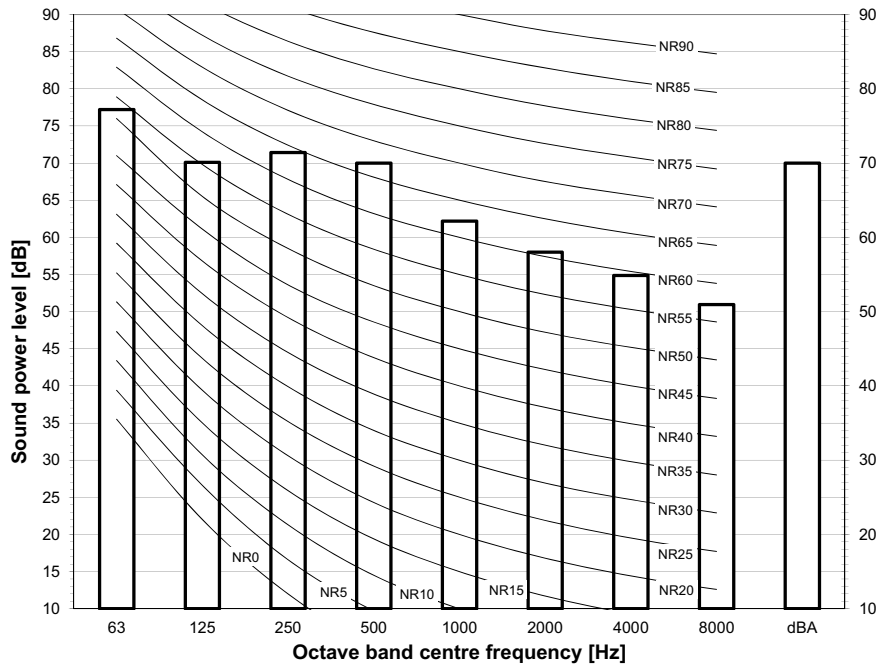
### RZAG125MY1



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

3D110035

### RZAG140MY1



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

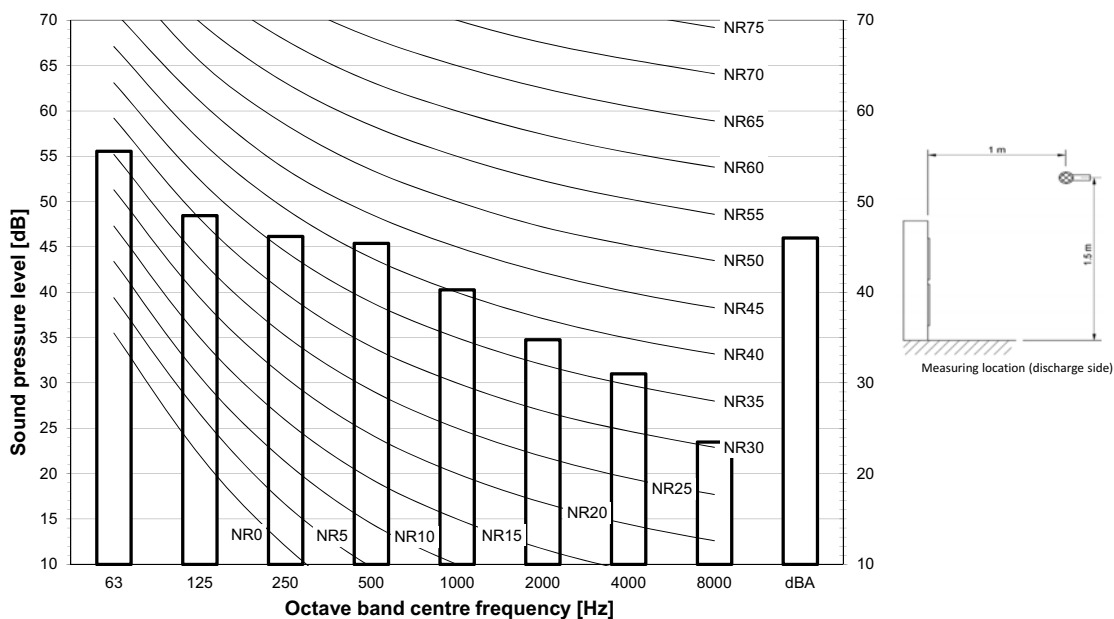
3D110036

# 11 Sound data

## 11 - 2 Sound Pressure Spectrum - Cooling

11

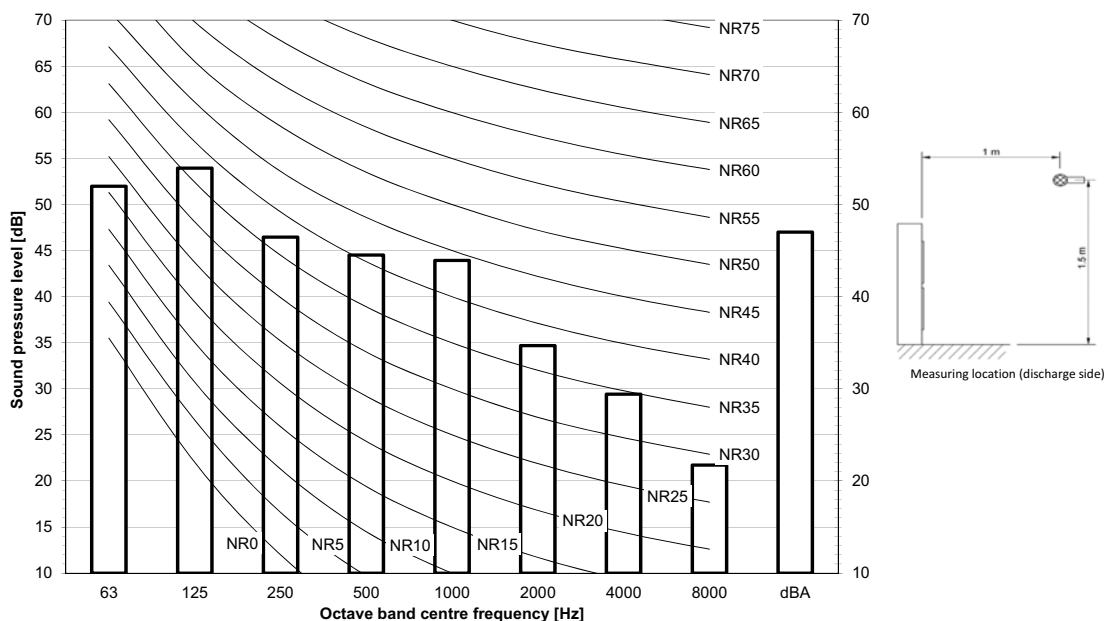
### RZAG71MY1



- 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

3D110045

### RZAG100MY1



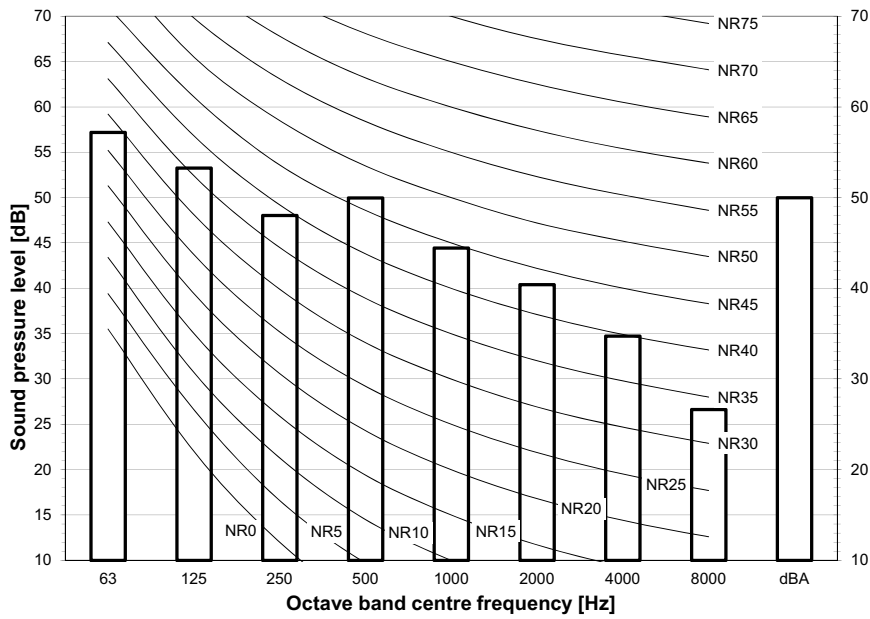
- Notes**
- Data is valid at free field condition.
  - Data is valid at nominal operation condition.
  - dBA = A-weighted sound pressure level (A scale according to IEC).
  - Reference acoustic pressure 0 dB = 20 μPa

3D110046

# 11 Sound data

## 11 - 2 Sound Pressure Spectrum - Cooling

### RZAG125MY1

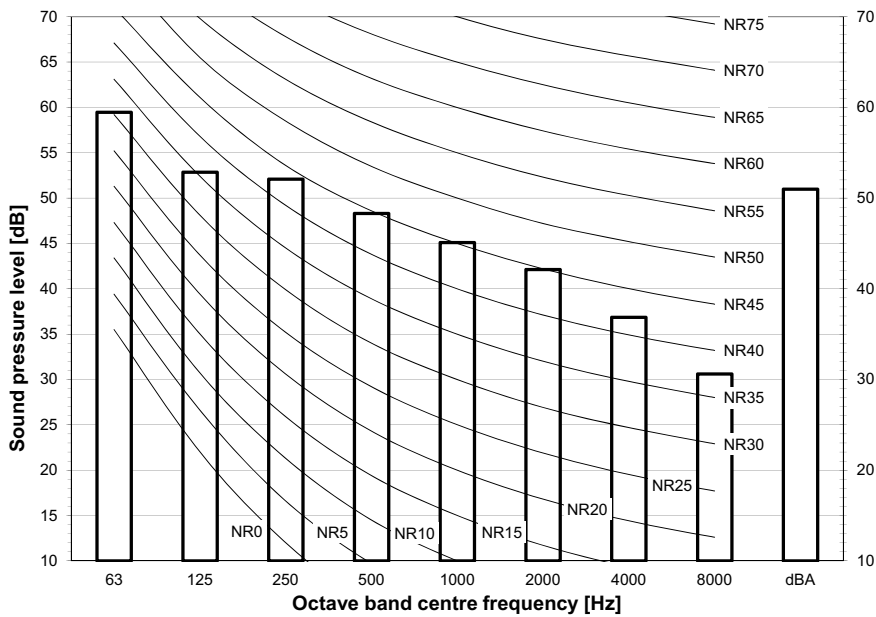


**Notes**

- 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

3D110047

### RZAG140MY1



**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

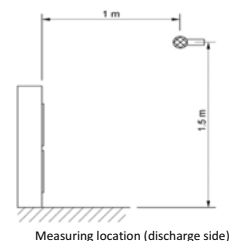
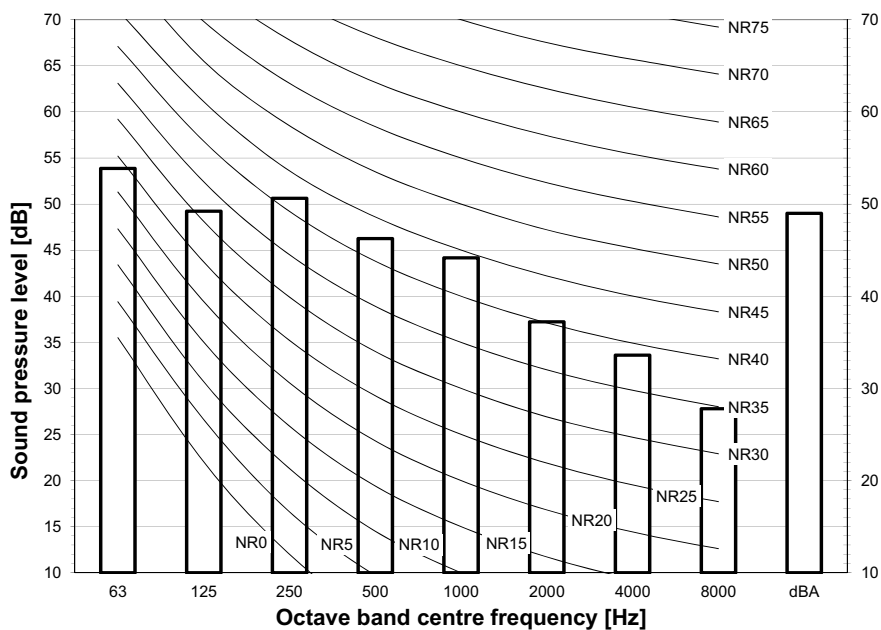
3D110048

# 11 Sound data

## 11 - 3 Sound Pressure Spectrum - Heating

11

### RZAG71MY1

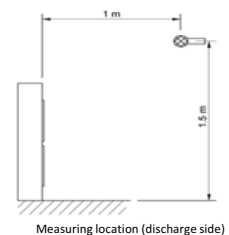
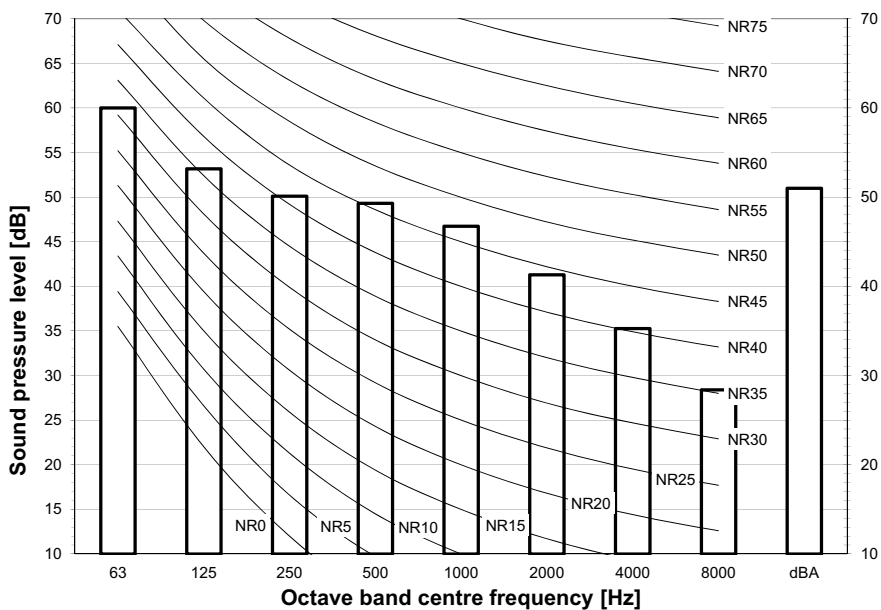


**Notes**

- 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

3D111289

### RZAG100MY1



**Notes**

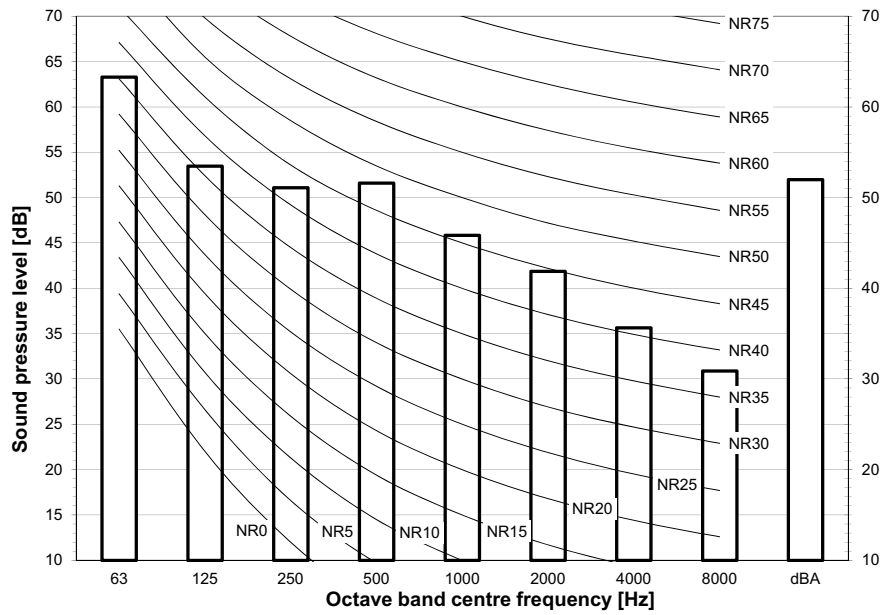
- Data is valid at free field condition.
- Data is valid at nominal operation condition.
- dBA = A-weighted sound pressure level (A scale according to IEC).
- Reference acoustic pressure 0 dB = 20 μPa

3D111290

# 11 Sound data

## 11 - 3 Sound Pressure Spectrum - Heating

### RZAG125MY1

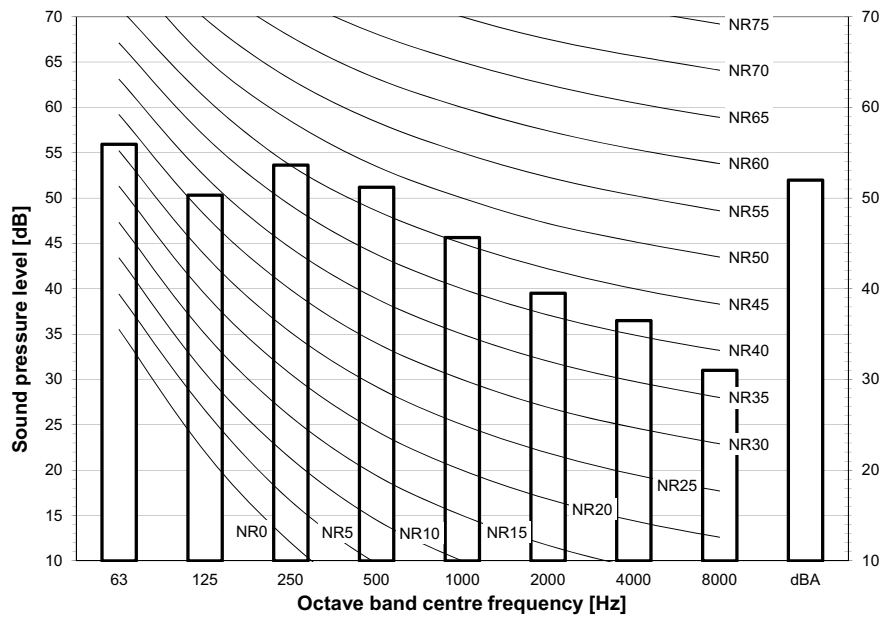


**Notes**

- 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

### 3D111291

### RZAG140MY1



**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

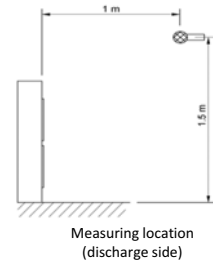
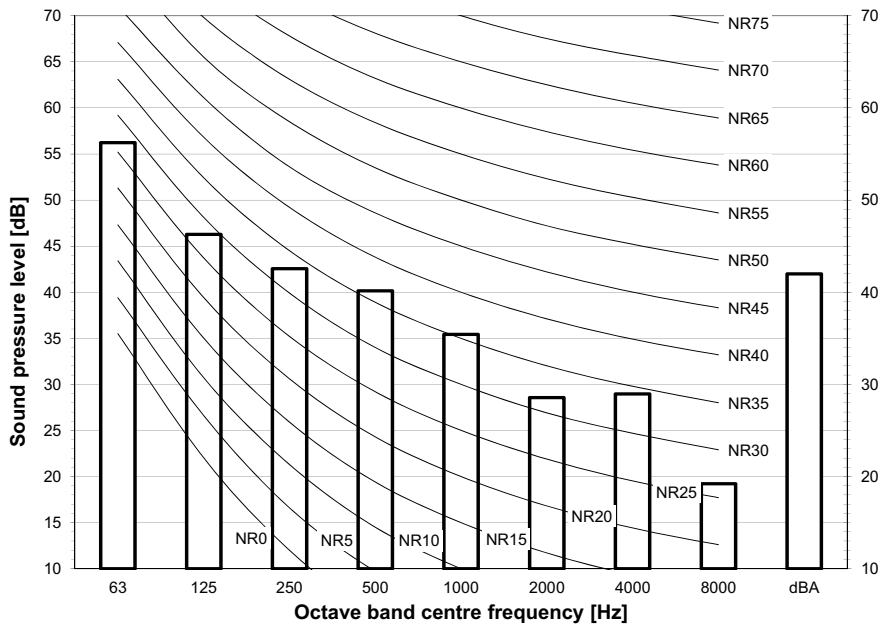
### 3D111292

# 11 Sound data

## 11 - 4 Sound Pressure Spectrum Quiet Mode

11

### RZAG71MY1

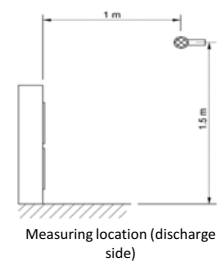
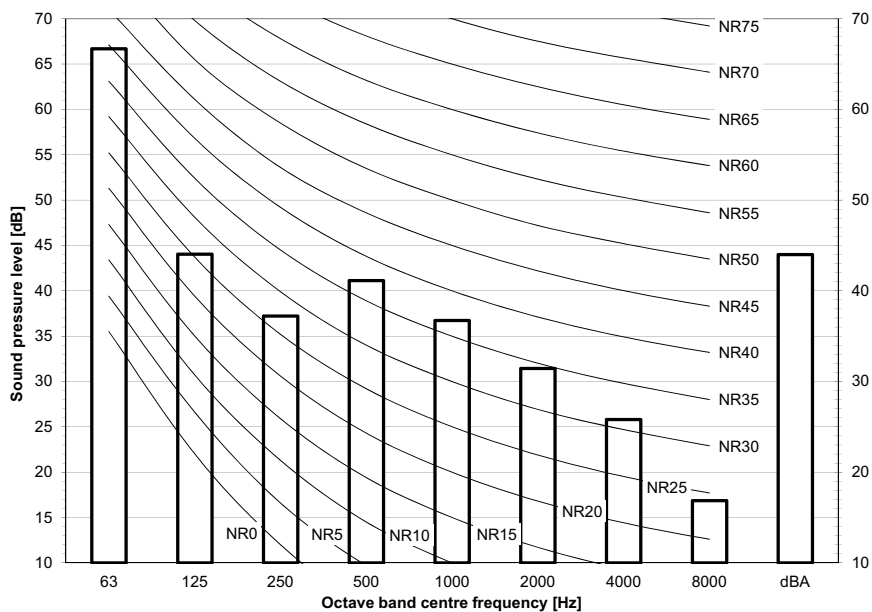


**Notes**

- 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

3D111313

### RZAG100-140MY1



**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

3D111314

# 12 Installation

## 12 - 1 Installation Method

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

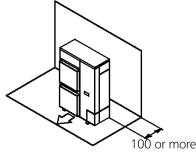
### Installation service space

The measure of these values is "mm".

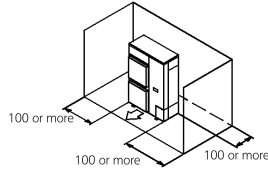
#### (A) When there are obstacles on suction sides.

• **No obstacle above**

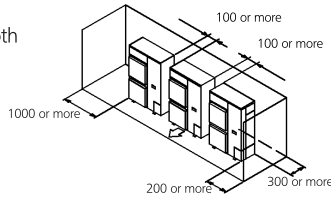
- ① Stand-alone installation
  - Obstacle on the suction side only



- Obstacle on both sides and suction side, too

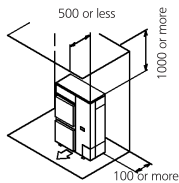


- ② Series installation (2 or more) (Note 1)
  - Obstacle on the suction side and both sides

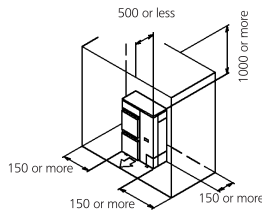


• **Obstacle above, too.**

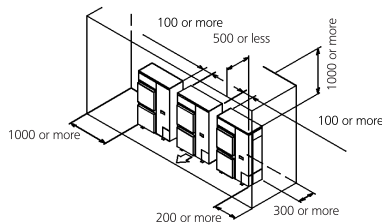
- ① Stand-alone installation
  - Obstacle on the suction side, too



- Obstacle on both sides and suction side, too



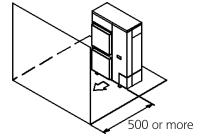
- ② Series installation (2 or more) (Note 1)
  - Obstacle on the suction side and both sides



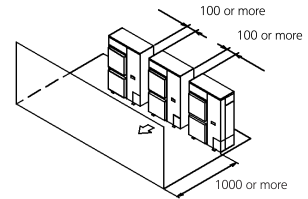
#### (B) When there are obstacles on discharge sides.

• **No obstacle above**

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

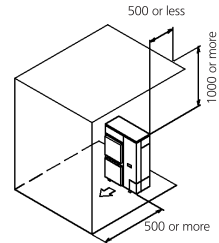


- ② Series installation (2 or more) (Note 1)
  - Obstacle on the discharge side only

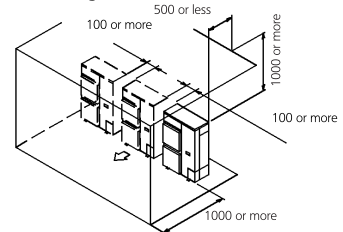


• **Obstacle above, too**

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



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



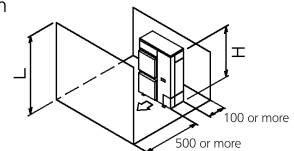
#### (C) When there are obstacles on both suction and discharge sides.:

Pattern 1

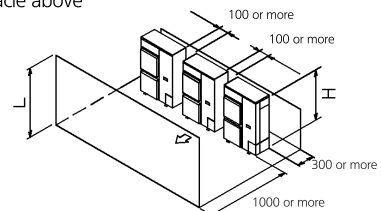
When the obstacles on the discharge side is higher than the unit. (L>H)  
 (There is no limit for the height of obstructions on the suction side.)

• **No obstacle above**

- ① Stand-alone installation
  - No obstacle above



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



3D069554

# 12 Installation

## 12 - 1 Installation Method

12

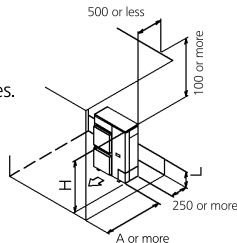
RZAG-MV1  
 RZAG-MY1  
 RZASG-MV1  
 RZASG-MY1  
 AZAS-MV1  
 AZAS-MY1

● **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.

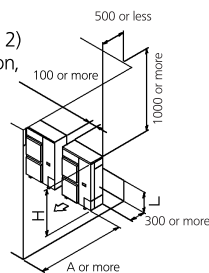
The relations between H, A and L are as follows.

	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.

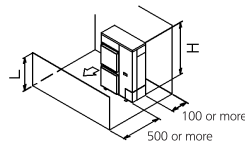
**Pattern 2**

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**

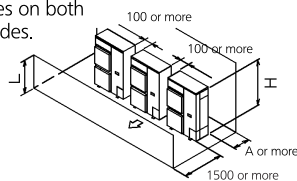
- ① Stand-alone installation  
 ● No obstacle above



- 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

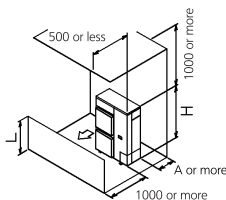


● **obstacle above**

- 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	



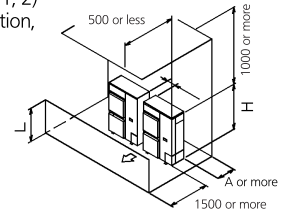
- ② Series installation (2 or more) (Note 1, 2)

- 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	

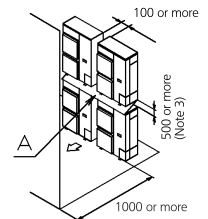
Limit of series installation is 2 units.



**(D) Double-decker installation**

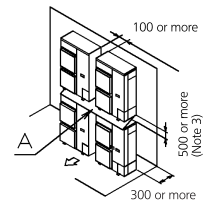
- ① Obstacle on the discharge side. ( 1 )

- 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.



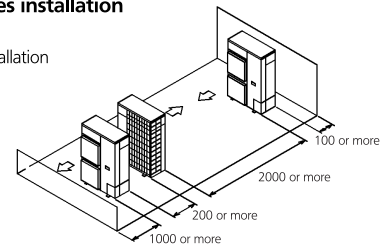
- ② Obstacle on the suction side. ( 1 )

- 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.)**

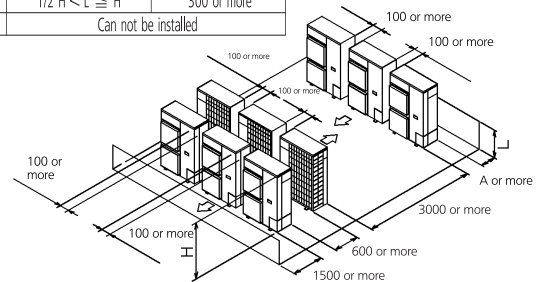
- ① One row of stand-alone installation



- 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**

- 1 In case of the sideways's piping, make a 100mm gap between the unit above.
- 2 Close the bottom of the installation frame to prevent the discharged air from being bypassed.
- 3 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 reintake of discharged air.

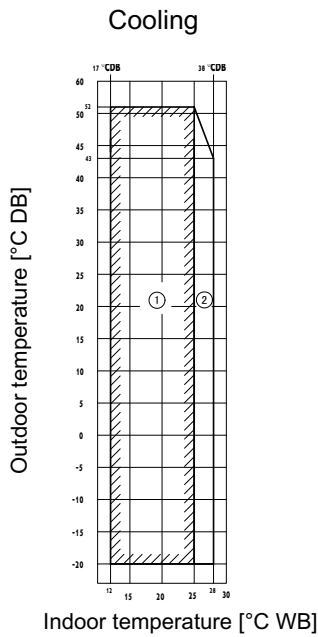
3D069554



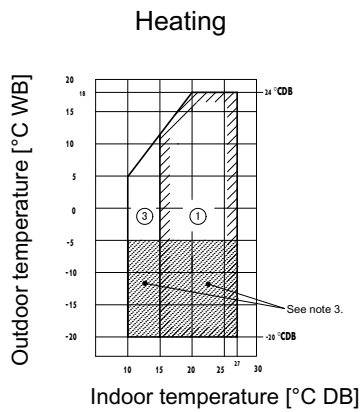
# 13 Operation range

## 13 - 1 Operation Range

### RZAG-MV1 RZAG-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. If the unit is selected to operate at ambient temperature < -5°C for 5 days or more, with relative humidity of 100%, it is required to install the optional bottom plate heater.

**3D110020A**

# 14 Appropriate Indoors

## 14 - 1 Appropriate Indoors

14

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

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		FCAG100	FCAG125	FCAG140	FCAG35	FCAG50	FCAG60	FCAG71	FCAG100	FCAG125	FCAG140	FFA35	FFA60	FFA60	FBA35	FBA60	FBA60	FBA71	FBA100	FBA125	FBA140	FMA35	FMA60	FMA60	FUA71	FUA100	FUA125	FAA71	FAA100	FDA125		
RZAG125M7V1B	RZAG125M7Y1B		P		4										4																P	
RZAG140M7V1B	RZAG140M7Y1B			P											4																P	
RZASG125M7V1B	RZASG125M7Y1B				4										4												P				P	
RZASG140M7V1B	RZASG140M7Y1B				4										4																P	
AZAS125M7V1B	AZAS125M7Y1B									P											P											
AZAS140M7V1B	AZAS140M7Y1B										P										P											

Sky Air		Floor standing type				Slim duct			Ceiling-suspended						Floor standing type	
Model		FVA71	FVA100	FVA125	FVA140	FDX35	FDX60	FDX60	FHA35	FHA50	FHA60	FHA71	FHA100	FHA125	FHA140	AVA125
RZAG125M7V1B	RZAG125M7Y1B			P												P
RZAG140M7V1B	RZAG140M7Y1B				P											P
RZASG125M7V1B	RZASG125M7Y1B			P												P
RZASG140M7V1B	RZASG140M7Y1B				P											P
AZAS125M7V1B	AZAS125M7Y1B															P
AZAS140M7V1B	AZAS140M7Y1B															P

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

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# 14 Appropriate Indoors

## 14 - 1 Appropriate Indoors

RZAG-MV1/MY1

RZASG-MV1/MY1

AZAS-MV1/MY1

### ENER Lot 21

#### Appropriate indoor units

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

FCAHG125	FCAG35	FFA35	FBA35	FNA35	FUA125	-	FDA125	FVA125	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
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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	-	-	-	-	-
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##### 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

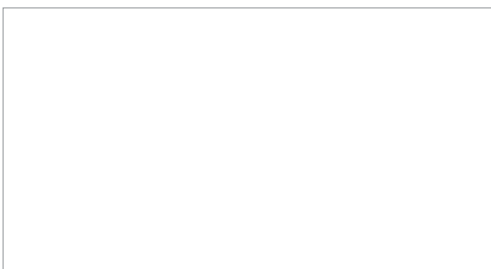
-	FCAG100	-	FBA100	-	-	FAA100	-	-	-	-	-
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