



Air Conditioning Technical Data RQ-BV3, RQ-BW1



TABLE OF CONTENTS

RQ-BV3, RQ-BW1

1	Features	4
	RQ-BV3	4
2	Specifications	5
3	Electrical data	10
4	Safety device settings	12
5	Options	13
6	Combination table	14
7	Capacity tables	15
	Cooling Capacity Tables	15
	Capacity Correction Factor	20
8	Dimensional drawings	21
9	Centre of gravity	23
10	Piping diagrams	24
	Piping Diagram Twin Application	25
	Piping Diagram Triple Application	26
11	Wiring diagrams	27
	Wiring Diagrams - Single Phase	27
	Wiring Diagrams - Three Phase	28
12	External connection diagrams	29
13	Sound data	30
	Sound Power Spectrum	30
	Sound Pressure Spectrum - Cooling	33
	Sound Pressure Spectrum - Heating	36
14	Installation	39
	Installation Method	39
15	Operation range	40

1 Features

1 - 1 RQ-BV3

- › Outdoor units for pair, twin, triple, double twin application
- › Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- › Outdoor units are fitted with a scroll compressor, renowned for its low noise and high energy efficiency
- › Piping connections can be accessed from underneath, front, side or rear.
- › The service valves are hidden inside the casing.
- › A special acryl precoated fin for anti-corrosion treatment on the heat exchanger ensures greater resistance against severe weather conditions

1

Infrastructure
cooling



2 Specifications

1 - 1 RQ-BV3

Technical Specifications					RQ71BV3		RQ100BV3		
Casing	Colour Material				Daikin White				
					Painted galvanized steel plate				
Dimensions	Unit	Height	mm		770	1,170			
		Width	mm		900				
		Depth	mm		320				
	Packed unit	Height	mm		900	1,300			
		Width	mm		980				
		Depth	mm		420				
Weight	Unit	kg		84	103				
	Packed unit	kg		88	108				
Heat exchanger	Length		mm		857				
	Rows	Quantity		2					
	Fin pitch	mm		2.00					
	Passes	Quantity		6	10				
	Face area	m ²		0.641	0.980				
	Stages	Quantity		34	52				
	Tube type		Hi-XSS cooling tube						
	Fin	Type		Non-symmetric waffle louver					
		Treatment		Anti-corrosion treatment (PE)					
Fan	Type		Direct propeller						
	Discharge direction		Horizontal						
	Quantity		1						
	Air flow rate	Cooling	Nom.	m ³ /min	48.0	55.0			
		Heating	Nom.	m ³ /min	43.0	50.0			
Fan motor	Quantity		1						
	Model		P47L11S						
	Output		W		65.00	90.00			
	Speed	Steps		3					
Compressor	Quantity		1						
			W		33				
	Model				JT90G-P4V1N@S	JT125G-P4V1@S			
	Starting method		Direct						
	Type		Hermetically sealed scroll compressor						
	Output		W		2,200	3,000			
	Operation range	Cooling	Ambient	Min.	°CDB	-5.0			
Max.				°CDB	46.0				
Operation range	Heating	Ambient	Min.	°CWB	-10.0				
			Max.	°CWB	15.0				
Sound power level	Cooling			dBA	63.0	66.0			
Sound pressure level	Cooling	Nom.			dBA	50.0	53.0		
Refrigerant	Type		R-410A						
	Charge		kg		2.70	3.70			
	Charge		TCO2Eq		5.6	7.7			
	Control		Expansion valve (electronic type)						
	GWP		2,087.5						
	Circuits	Quantity		1					
Refrigerant oil	Type		Daphne FVC68D						
	Charged volume		l		1.5				
Piping connections	Piping length	OU - IU	Min.	m	5				
			Max.	m	70				
		System	Equivalent	m	90				
			Chargeless	m	30				
	Level difference	IU - OU	Max.	m	30.0				
		IU - IU			m	0.5			
	Heat insulation		Both liquid and gas pipes						
	Defrost method					Reversed cycle			
Defrost control					Sensor for outdoor heat exchanger temperature				
Capacity control	Method		None						
Safety devices	Item	01		Reverse phase protector					
		02		PC board fuse					
		03		Overcurrent relay (compressor)					
		04		Low pressure switch					
		05		High pressure switch					
		06		Fan motor thermal protection					

Standard accessories: Declaration of conformity; Quantity: 1;

Standard accessories: Installation manual; Quantity: 1;

2 Specifications

1 - 1 RQ-BV3

2

Electrical Specifications				RQ71BV3	RQ100BV3
Power supply	Name			V3	
	Phase			1~	
	Frequency		Hz	50	
	Voltage		V	230	
Wiring connections	For power supply	Remark		3 wires (earth wire included)	
	For connection with indoor	Remark		4 wires (earth wire included)	
Power supply intake				Outdoor unit only	
Current	Recommended fuses		A	32	40
	Zmax	Text	Ω	0.07	0.04
Power supply	Voltage range		%	10	
			%	-10	
Wiring connections	For connection with indoor	Quantity		1	
	For power supply	Quantity		1	

Contains fluorinated greenhouse gases

Technical Specifications					RQ71BW1	RQ100BW1	RQ125BW1
Casing	Colour				Daikin White		
	Material				Painted galvanized steel plate		
Dimensions	Unit	Height	mm		770	1,170	
		Width	mm		900		
		Depth	mm		320		
	Packed unit	Height	mm		900	1,300	
		Width	mm		980		
		Depth	mm		420		
Weight	Unit	kg		83	101	108	
	Packed unit	kg		87	106	113	
Heat exchanger	Length		mm		857		
	Rows	Quantity		2			
	Fin pitch		mm		2.00		
	Passes	Quantity		6	10		
	Face area		m²		0.641	0.980	
	Stages	Quantity		34	52		
	Tube type		Hi-XSS cooling tube				
	Fin	Type Treatment		Non-symmetric waffle louver Anti-corrosion treatment (PE)			
Fan	Type				Direct propeller		
	Discharge direction				Horizontal		
	Quantity				1	2	
	Air flow rate	Cooling	Nom.	m³/min	48.0	55.0	89.0
Heating		Nom.	m³/min	43.0	50.0	80.0	
Fan motor	Quantity				1		
	Model				P47L11S		
	Position				-	Lower	
	Output		W		65.00	90.00	85.00
	Speed	Steps		3			
Fan motor 2	Quantity				-	1	
	Position				-	Upper	
	Output		W		-	65.00	
Compressor	Quantity				1		
	W				33		
	Model				JT90G-YE	JT125G-YE	JT160G-YE
	Starting method				Direct		
Compressor	Type				Hermetically sealed scroll compressor		
	Output		W		2,200	3,000	3,750
Operation range	Cooling	Ambient	Min.	°CDB	-5.0		
			Max.	°CDB	46.0		
	Heating	Ambient	Min.	°CWB	-10.0		
			Max.	°CWB	15.0		
Sound power level	Cooling		dB(A)		63.0	66.0	67.0
Sound pressure level	Cooling	Nom.	dB(A)		50.0	53.0	
Refrigerant	Type				R-410A		
	Charge		kg		2.70	3.70	
	Charge		TCO2Eq		5.6	7.7	
	Control				Expansion valve (electronic type)		
	GWP				2,087.5		
	Circuits	Quantity		1			
Refrigerant oil	Type				Daphne FVC68D		
	Charged volume		l		1.5		

2 Specifications

1 - 1 RQ-BV3

Technical Specifications					RQ71BW1	RQ100BW1	RQ125BW1
Piping connections	Piping length	OU - IU	Min.	m	5		
			Max.	m	70		
		System	Equivalent	m	90		
			Chargeless	m	30		
	Level difference	IU - OU	Max.	m	30.0		
		IU - IU		m	0.5		
	Heat insulation				Both liquid and gas pipes		
Defrost method					Reversed cycle		
Defrost control					Sensor for outdoor heat exchanger temperature		
Capacity control	Method		None				
Safety devices	Item	01	Reverse phase protector				
		02	PC board fuse				
		03	Overcurrent relay (compressor)				
		04	Low pressure switch				
		05	High pressure switch				
		06	Fan motor thermal protection				

Standard accessories: Declaration of conformity; Quantity: 1;

Standard accessories: Installation manual; Quantity: 1;

Electrical Specifications					RQ71BW1	RQ100BW1	RQ125BW1
Power supply	Name					W1	
	Phase					3N~	
	Frequency		Hz			50	
	Voltage		V			400	
Wiring connections	For power supply	Remark				5 wires (earth wire included)	
	For connection with indoor	Remark				4 wires (earth wire included)	
Power supply intake						Outdoor unit only	
Current	Recommended fuses		A			16	20
	Zmax	Text	Ω		0.41	0.36	0.31
Power supply	Voltage range		%			10	
			%			-10	
Wiring connections	For connection with indoor	Quantity				1	
	For power supply	Quantity				1	

Contains fluorinated greenhouse gases

Technical specifications					FCAG71B + RQ71BV3		FCAG100B + RQ100BV3	
Cooling capacity	Nom.		kW		7.1 (1)		10.0 (1)	
Heating capacity	Nom.		kW		8.0 (2)		11.2 (2)	
Power input	Cooling	Nom.	kW		2.69		3.83	
	Heating	Nom.	kW		2.82		3.75	
Nominal efficiency	EER				2.64		2.61	
	COP				2.84		2.99	
	Annual energy consumption		kWh		1,345		1,915	
	Energy labeling	Cooling				D		
		Heating				D		
	Directive							

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

(2)Heating: indoor temp. 20°CDB; outdoor temp. 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: 7.5m (horizontal); level difference: 0m |

Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m |

Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m

Technical specifications					FCAG71B + RQ71BW1		FCAG100B + RQ100BW1		FCAG125B + RQ125BW1	
Cooling capacity	Nom.		kW		7.1 (1)		10.0 (1)		12.5 (1)	
Heating capacity	Nom.		kW		8.0 (2)		11.2 (2)		14.6 (2)	
Power input	Cooling	Nom.	kW		2.63		3.56		4.65	
	Heating	Nom.	kW		2.77		3.66		5.06	
Nominal efficiency	EER				2.70		2.81		2.69	
	COP				2.89		3.06		2.89	
	Annual energy consumption		kWh		1,315		1,780		2,325	
	Energy labeling	Cooling			D		C		D	
		Heating					D			
	Directive									

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

(2)Heating: indoor temp. 20°CDB; outdoor temp. 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: 7.5m; level difference: 0m |

Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m (horizontal); level difference: 0m |

Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m

Technical specifications					FBA71A9 + RQ71BV3		FBA100A + RQ100BV3	
Cooling capacity	Nom.		kW		7.1 (1)		10.0 (1)	
Heating capacity	Nom.		kW		8.0 (2)		11.2 (2)	

2 Specifications

1 - 1 RQ-BV3

2

Technical specifications				FBA71A9 + RQ71BV3	FBA100A + RQ100BV3
Power input	Cooling	Nom.	kW	2.70	3.83
	Heating	Nom.	kW	2.85	3.75
Nominal efficiency	EER			2.63	2.61
	COP			2.81	2.99
	Annual energy consumption		kWh	1,350	1,915
	Energy labeling	Cooling		D	
	Directive	Heating		D	

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

(2)Heating: indoor temp. 20°CDB; outdoor temp. 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: 7.5m (horizontal); level difference: 0m |

Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m |

Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m

Technical specifications				FBA71A9 + RQ71BW1	FBA100A + RQ100BW1	FBA125A + RQ125BW1
Cooling capacity	Nom.		kW	7.1 (1)	10.0 (1)	12.2 (1)
Heating capacity	Nom.		kW	8.0 (2)	11.2 (2)	14.5 (2)
Power input	Cooling	Nom.	kW	2.65	3.78	4.57
	Heating	Nom.	kW	2.80	3.66	5.16
Nominal efficiency	EER			2.68	2.65	2.67
	COP			2.86	3.06	2.81
	Annual energy consumption		kWh	1,325	1,890	2,285
	Energy labeling	Cooling			D	
	Directive	Heating			D	

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

(2)Heating: indoor temp. 20°CDB; outdoor temp. 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: 7.5m; level difference: 0m |

Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m (horizontal); level difference: 0m |

Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m

Technical specifications				FHA71A9 + RQ71BV3	FHA100A + RQ100BV3
Cooling capacity	Nom.		kW	7.1 (1)	9.8 (1)
Heating capacity	Nom.		kW	8.0 (2)	11.2 (2)
Power input	Cooling	Nom.	kW	2.70	3.75
	Heating	Nom.	kW	2.85	4.13
Nominal efficiency	EER			2.63	2.61
	COP			2.81	2.71
	Annual energy consumption		kWh	1,350	1,875
	Energy labeling	Cooling			D
	Directive	Heating		D	E
Piping connections	Liquid	Quantity		1	
		Type		Flare connection	
		OD	mm	10	
	Gas	Quantity		1	
		Type		Flare connection	
		OD	mm	15.90	
	Drain	Quantity		3	
		Type		Hole	
		OD	mm	26	
	Heat insulation			Both liquid and gas pipes	
Eurovent	Sound power level outdoor	Cooling	Nom. dBA	63	66
	Piping length	Cooling	Measuring condition m	7.5	

(1)Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m (horizontal); level difference: 0m |

(2)Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m |

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

Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m |

Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m

Technical specifications				FHA71A9 + RQ71BW1	FHA100A + RQ100BW1	FHA125A + RQ125BW1
Cooling capacity	Nom.		kW	7.1 (1)	9.8 (1)	12.2 (1)
Heating capacity	Nom.		kW	8.0 (2)	11.2 (2)	14.5 (2)
Power input	Cooling	Nom.	kW	2.65	3.68	4.51
	Heating	Nom.	kW	2.80	4.01	5.16
Nominal efficiency	EER			2.68	2.66	2.71
	COP			2.86	2.79	2.81
	Annual energy consumption		kWh	1,325	1,840	2,255
	Energy labeling	Cooling			D	
	Directive	Heating		D	E	D

2 Specifications

1 - 1 RQ-BV3

Technical specifications					FHA71A9 + RQ71BW1	FHA100A + RQ100BW1	FHA125A + RQ125BW1
Piping connections	Liquid	Quantity			1		
		Type			Flare connection		
		OD		mm	10		
	Gas	Quantity			1		
		Type			Flare connection		
		OD		mm	15.90		
	Drain	Quantity			3		
		Type			Hole		
		OD		mm	26		
	Heat insulation				Both liquid and gas pipes		
Eurovent	Sound power level outdoor	Cooling	Nom.	dB(A)	63	66	67
		Piping length	Cooling	Measuring condition	7.5		

(1)Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m |
(2)Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m |
Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m |
Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m (horizontal); level difference: 0m |
Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m

Technical specifications					FUA71A + RQ71BV3	FUA100A + RQ100BV3
Cooling capacity	Nom.			kW	7.1 (1)	10.0 (1)
Heating capacity	Nom.			kW	8.0 (2)	11.2 (2)
Power input	Cooling	Nom.		kW	2.70	3.83
	Heating	Nom.		kW	2.53	3.58
Nominal efficiency	EER				2.63	2.61
	COP				3.16	3.13
Annual energy consumption				kWh	1,350	1,915
Energy labeling	Cooling				D	
	Heating				D	
Directive						

(1)Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m |
(2)Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m |
Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m |
Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m (horizontal); level difference: 0m |
Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m

Technical specifications					FUA71A + RQ71BW1	FUA100A + RQ100BW1	FUA125A + RQ125BW1
Cooling capacity	Nom.			kW	7.1 (1)	10.0 (1)	12.2 (1)
Heating capacity	Nom.			kW	8.0 (2)	11.2 (2)	14.5 (2)
Power input	Cooling	Nom.		kW	2.65	3.78	4.57
	Heating	Nom.		kW	2.44	3.54	4.88
Nominal efficiency	EER				2.68	2.65	2.67
	COP				3.28	3.16	2.97
Annual energy consumption				kWh	1,325	1,890	2,285
Energy labeling	Cooling					D	
	Heating				C		D
Directive							

(1)Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m (horizontal); level difference: 0m |
(2)Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m |
Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m |
Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m |
Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m

Technical specifications					FDA125A + RQ125BW1
Cooling capacity	Nom.			kW	12.2 (1)
Heating capacity	Nom.			kW	14.5 (2)
Power input	Cooling	Nom.		kW	4.52
	Heating	Nom.		kW	4.39
Nominal efficiency	EER				2.70
	COP				3.30
Annual energy consumption				kWh	2,260
Energy labeling	Cooling				D
	Heating				C
Directive					

(1)Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m (horizontal); level difference: 0m |
(2)Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m |
Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m |
Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m |
Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m

3 Electrical data

3 - 1 Electrical Data

RQ71BV3 RQ71BW1

3

Unit combination restrictions		Power supply				Compressor		OFM		IFM	
Indoor unit	Outdoor unit	Hz	Voltage	Voltage range	MCA	MFA	RLA	kW	FLA	kW	FLA
FCQ71B	RQ71B8V3B	50	230	Maximum :50 Hz :253 V	16,6	32	12,2	0,065	0,6	0,045	0,7
FCQ71C	RQ71B8V3B	50	230		16,4	32	12,2	0,065	0,6	0,056	0,5
FUQ71	RQ71B8V3B	50	230		16,6	32	12,3	0,065	0,6	0,045	0,6
FHQ71	RQ71B8V3B	50	230		16,8	32	12,5	0,065	0,6	0,062	0,6
FAQ71	RQ71B8V3B	50	230		16,1	32	12,2	0,065	0,6	0,043	0,3
FBQ71B	RQ71B8V3B	50	230	Minimum :50 Hz :207 V	17,4	32	12,7	0,065	0,6	0,125	0,9
FBQ71C	RQ71B8V3B	50	230		17,6	32	12,7	0,065	0,6	0,35	1,1
FCQ71B	RQ71B8W1B	50	400	Maximum :50 Hz :440 V	7,3	16	4,8	0,065	0,6	0,045	0,7
FCQ71C	RQ71B8W1B	50	400		7,1	16	4,8	0,065	0,6	0,056	0,5
FUQ71	RQ71B8W1B	50	400		7,3	16	4,9	0,065	0,6	0,045	0,6
FHQ71	RQ71B8W1B	50	400		7,5	16	5,0	0,065	0,6	0,062	0,6
FAQ71	RQ71B8W1B	50	400		6,8	16	4,7	0,065	0,6	0,043	0,3
FBQ71B	RQ71B8W1B	50	400	Minimum :50 Hz :360 V	8,1	16	5,3	0,065	0,6	0,125	0,9
FBQ71C	RQ71B8W1B	50	400		8,3	16	5,3	0,065	0,6	0,35	1,1
FHA71AVEB99	RQ71B2V3B	50	230	Maximum :50 Hz :253 V	16,8	32	12,5	0,065	0,6	0,062	0,6
FUA71AVEB9	RQ71B2V3B	50	230	Minimum :50 Hz :207 V	16,6	32	12,3	0,065	0,6	0,045	0,6
FHA71AVEB99	RQ71B2W1B	50	400	Maximum :50 Hz :440 V	7,5	16	5,0	0,065	0,6	0,062	0,6
FUA71AVEB9	RQ71B2W1B	50	400	Minimum :50 Hz :360 V	7,3	16	4,9	0,065	0,6	0,045	0,6

Notes

The -RLA- is based on the following conditions.

Cooling

Indoor temperature :27 °C DB / -19 °C WB
Outdoor temperature :35 °C DB

Heating

Indoor temperature :20 °C DB
Outdoor temperature :7 °C DB / -6 °C WB

The maximum allowable voltage range variation between phases is :2 %.

Select the wire size according to the MCA.

-MFA- is used to select the circuit breaker and the ground fault circuit interruptor (earth leakage breaker).

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.

-MCA- is the maximum input current.

MFA represents capacity which accepts MCA.

Symbols

MCA: Minimum Circuit Ampere [A]

MFA: Maximum Fuse Ampere [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]

3TW26329-9F

RQ100BV3 RQ100BW1

Unit combination restrictions		Power supply				Compressor		OFM		IFM	
Indoor unit	Outdoor unit	Hz	Voltage	Voltage range	MCA	MFA	RLA	kW	FLA	kW	FLA
FCQ100B	RQ100B8V3B	50	230	Maximum :50 Hz :253 V	23,8	40	17,6	0,090	0,8	0,090	1,0
FCQ100C	RQ100B8V3B	50	230		23,5	40	17,6	0,090	0,8	0,120	0,7
FUQ100	RQ100B8V3B	50	230		23,3	40	17,1	0,090	0,8	0,090	1,1
FHQ100	RQ100B8V3B	50	230		25,3	40	19,0	0,090	0,8	0,130	0,7
FAQ100	RQ100B8V3B	50	230		24,5	40	18,8	0,090	0,8	0,049	0,4
FBQ100B	RQ100B8V3B	50	230	Minimum :50 Hz :207 V	23,2	40	17,1	0,090	0,8	0,135	1,0
FBQ100C	RQ100B8V3B	50	230		23,8	40	17,6	0,090	0,8	0,350	1,6
FCQ100B	RQ100B8W1B	50	400	Maximum :50 Hz :440 V	9,2	16	5,9	0,090	0,8	0,090	1,0
FCQ100C	RQ100B8W1B	50	400		8,9	16	5,9	0,090	0,8	0,120	0,7
FUQ100	RQ100B8W1B	50	400		8,9	16	5,6	0,090	0,8	0,090	1,1
FHQ100	RQ100B8W1B	50	400		9,4	16	6,3	0,090	0,8	0,130	0,7
FAQ100	RQ100B8W1B	50	400		8,8	16	6,1	0,090	0,8	0,049	0,4
FBQ100B	RQ100B8W1B	50	400	Minimum :50 Hz :360 V	8,9	16	5,7	0,090	0,8	0,135	1,0
FBQ100C	RQ100B8W1B	50	400		9,5	16	5,7	0,090	0,8	0,350	1,6
FHA71AVEB99	RQ71B2V3B	50	230	Maximum :50 Hz :253 V	25,3	40	19,0	0,090	0,8	0,130	0,7
FUA71AVEB9	RQ71B2V3B	50	230	Minimum :50 Hz :207 V	23,3	40	17,1	0,090	0,8	0,090	1,1
FHA71AVEB99	RQ71B2W1B	50	400	Maximum :50 Hz :440 V	9,4	16	6,3	0,090	0,8	0,130	0,7
FUA71AVEB9	RQ71B2W1B	50	400	Minimum :50 Hz :360 V	8,9	16	5,6	0,090	0,8	0,090	1,1

Notes

The -RLA- is based on the following conditions.

Cooling

Indoor temperature :27 °C DB / -19 °C WB
Outdoor temperature :35 °C DB

Heating

Indoor temperature :20 °C DB
Outdoor temperature :7 °C DB / -6 °C WB

The maximum allowable voltage range variation between phases is :2 %.

Select the wire size according to the MCA.

-MFA- is used to select the circuit breaker and the ground fault circuit interruptor (earth leakage breaker).

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.

-MCA- is the maximum input current.

MFA represents capacity which accepts MCA.

Symbols

MCA: Minimum Circuit Ampere [A]

MFA: Maximum Fuse Ampere [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]

3TW26349-9E

3 Electrical data

3 - 1 Electrical Data

RQ125BW1

Unit combination restrictions		Power supply				Compressor		OFM		IFM	
Indoor unit	Outdoor unit	Hz	Voltage	Voltage range	MCA	MFA	RLA	kW	FLA	kW	FLA
FCQ125B	RQ125B8W1B	50	400	Maximum : 50 Hz : 440 V	12,4	20	8,1	0,065+0,085	0,6+0,7	0,09	1,0
FCQ125C	RQ125B8W1B	50	400		12,4	20	8,1	0,065+0,085	0,6+0,7	0,12	1,0
FUQ125	RQ125B8W1B	50	400		12,2	20	7,8	0,065+0,085	0,6+0,7	0,09	1,1
FHQ125	RQ125B8W1B	50	400		12,3	20	8,2	0,065+0,085	0,6+0,7	0,13	0,7
FBQ125B	RQ125B8W1B	50	400	Minimum : 50 Hz : 360 V	12,2	20	7,6	0,065+0,085	0,6+0,7	0,225	1,4
FDQ125	RQ125B8W1B	50	400		10,7	20	7,5	0,065+0,085	0,6+0,7	0,5	4,2
FBQ125C	RQ125B8W1B	50	400		12,9	20	7,6	0,065+0,085	0,6+0,7	0,35	2,1
FDQ125C	RQ125B8W1B	50	400		12,9	20	7,6	0,065+0,085	0,6+0,7	0,35	2,1
FHA125AVEB9	RQ125B8W1B	50	400		12,3	20	8,2	0,065+0,085	0,6+0,7	0,13	0,7
FUA125AVEB9	RQ125B8W1B	50	400		12,2	20	7,8	0,065+0,085	0,6+0,7	0,09	1,1

Notes

The ·RLA· is based on the following conditions.

Cooling

Indoor temperature : 27 °C DB / - 19 °C WB
Outdoor temperature : 35 °C DB

Heating

Indoor temperature : 20 °C DB
Outdoor temperature : 7 °C DB / - 6 °C WB

The maximum allowable voltage range variation between phases is ·2·%.

Select the wire size according to the MCA.

·MFA· is used to select the circuit breaker and the ground fault circuit interruptor (earth leakage breaker)

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

·MCA· is the maximum input current.

MFA represents capacity which accepts MCA.

Symbols

MCA: Minimum Circuit Ampere [A]

MFA: Maximum Fuse Ampere [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]

3TW26369-9G

4 Safety device settings

4 - 1 Safety Device Settings

RR-RQ

Safety device model	RQ71BV3	RQ100BV3	RQ125BW1	RR71BV3	RR100BV3	RR125BW1
	RQ71BW1	RQ100BW1		RR71BW1	RR100BW1	
	REQ71BV3	REQ100BV3	REQ125BW1			
	REQ71BW1	REQ100BW1				
Fan motor thermal protector	Off 135 $\pm$ 5°C					
	On 95 $\pm$ 15°C					
HPS	Off 4.15 $^{+0}_{-0.10}$ Mpa					
	On 3.2 $^{+0.15}_{-0.15}$ Mpa					
LPS	Off -0.03 $^{+0.02}_{-0.02}$ Mpa					
	On 0.05 $^{+0.03}_{-0.03}$ Mpa					
Max discharge temperature	By thermistor and software control					
Overcurrent relay	By overcurrent sensor and software control					

4TW26321-2B

5 Options

5 - 1 Options

RQ-BV3

RQ-BW1

RR-BV3

RR-BW1

Name of option		Kit name					
		RQ71B	RQ100B	RQ125B	RR71B	RR100B	RR125B
Central drain plug		EKDK04					
Refrigerant branch piping	Twin	KHRQ22M20TA					
	Triple	-	KHRQ127H		-	KHRQ127H	

3TW26329-1B

6 Combination table

6 - 1 Combination Table

RQ-BV3

RQ-BW1

Possible combinations and standard capacities for twin and triple operation

Outdoor units	Possible combinations						
	Simultaneous operation						
	Twin			Triple			
	OUT			OUT			
	IN	IN		IN	IN	IN	IN
RQ71B7V3/W1 RR71B7V3/W1	35-35 (KHRQ22M20TA7)						
RQ100B7V3/W1 RR100B7V3/W1	50-50 (KHRQ22M20TA7)	50-60 (KHRQ22M20TA7)	35-71 (KHRQ22M20TA7)	35-35-35 (KHRQ127H7)			
RQ125B7W1 RR125B7W1	60-60 (KHRQ22M20TA7)	50-71 (KHRQ22M20TA7)		50-50-50 (KHRQ127H7)			

Notes

1) Possible indoor units

FCQ 35-71	FCA 35-71
FFQ 35-60	FFA 35-60
FUQ 71	FUA 71
FHQ 35-71	FHA 35-71
FAQ 71	FAA 71
FBQ 35-71	FBA 35-71

2) Because the indoor unit combinations are for simultaneous operation (=indoor units installed in the same room), the table does not contain individual indoor unit capacities.

3) When combining multiple indoor units, designate the unit whose remote controller is equipped with the most functions as the master unit.
The indoor units mentioned in note -1- are ordered according to their functionality (-FCQ- having the most functions and -FBQ/FBA- the least).

4) The refnet kits required to install the various combinations are mentioned between brackets.

5) For the specifications of the indoor and outdoor units, see the specifications of those units as mentioned for pair systems.

6) Nominal cooling capacity conditions

27	[°C DB]	Indoor air temperature
19	[°C WB]	Indoor air temperature
35	[°C DB]	Outdoor air temperature

Nominal heating capacity conditions

20	[°C DB]	Indoor air temperature
7	[°C DB]	Outdoor air temperature
6	[°C WB]	Outdoor air temperature

3TW26329-3A

7 Capacity tables

7 - 1 Cooling Capacity Tables

Cooling capacity table
FCQ71-125C7VEB+ RQ71-100B8V3B
RQ71-125B8W1B

Outdoor	Indoor		Outdoor temperature (°CDB)																	
	EWB	EDB	20			25			32			35			40			46		
	(°C)	(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
71	12.0	18.0	6.2	5.0	1.90	6.1	4.9	2.07	5.7	4.8	2.32	5.5	4.7	2.48	5.3	4.6	2.73	4.8	4.2	2.98
	14.0	20.0	6.6	5.0	1.94	6.5	4.9	2.11	6.0	4.8	2.36	5.9	4.7	2.53	5.5	4.6	2.78	5.2	4.2	3.03
	16.0	22.0	7.2	5.1	1.97	7.0	5.0	2.14	6.5	4.9	2.40	6.3	4.8	2.57	6.0	4.7	2.83	5.4	4.3	3.09
	18.0	25.0	7.7	5.3	2.02	7.5	5.1	2.19	7.2	5.0	2.46	6.8	4.9	2.63	6.4	4.7	2.90	5.9	4.5	3.16
	19.0	27.0	8.0	5.4	2.04	7.7	5.3	2.22	7.3	5.1	2.48	7.1	4.9	2.66	6.6	4.8	2.93	6.1	4.6	3.19
	19.5	27.0	8.0	5.4	2.05	7.9	5.3	2.22	7.4	5.1	2.49	7.2	4.9	2.67	6.7	4.8	2.94	6.2	4.6	3.20
	22.0	30.0	8.7	5.5	2.09	8.5	5.4	2.27	8.0	5.3	2.54	7.9	5.0	2.72	7.4	4.9	2.99	6.7	4.6	3.27
	24.0	32.0	9.4	5.5	2.11	9.1	5.4	2.29	8.6	5.3	2.57	8.4	5.1	2.75	8.0	4.9	3.02	7.3	4.6	3.30
100	12.0	18.0	8.4	7.5	2.51	8.3	7.4	2.78	8.1	7.2	3.14	7.8	7.1	3.32	7.5	6.7	3.68	6.8	6.4	4.13
	14.0	20.0	8.9	7.5	2.56	8.8	7.4	2.83	8.7	7.2	3.20	8.4	7.1	3.38	7.8	6.7	3.75	7.4	6.4	4.20
	16.0	22.0	10.1	7.6	2.60	9.8	7.5	2.88	9.1	7.3	3.26	8.9	7.2	3.44	8.5	6.8	3.81	7.7	6.5	4.28
	18.0	25.0	10.8	7.9	2.67	10.5	7.8	2.95	9.8	7.4	3.33	9.6	7.3	3.52	9.0	7.1	3.91	8.3	6.6	4.38
	19.0	27.0	11.1	8.0	2.69	10.8	7.9	2.98	10.1	7.5	3.37	10.0	7.4	3.56	9.4	7.2	3.94	8.6	6.7	4.43
	19.5	27.0	11.2	8.0	2.70	11.0	7.9	2.99	10.3	7.5	3.38	10.1	7.4	3.57	9.5	7.2	3.96	8.7	6.7	4.44
	22.0	30.0	12.2	8.1	2.76	11.8	8.0	3.05	11.2	7.6	3.45	11.0	7.5	3.64	10.4	7.4	4.04	9.5	7.0	4.53
	24.0	32.0	13.0	8.2	2.78	12.7	8.1	3.08	11.9	7.8	3.48	11.6	7.6	3.68	11.1	7.5	4.08	10.2	7.1	4.57
125	12.0	18.0	11.4	9.5	3.50	11.1	9.2	3.69	10.3	8.7	4.06	10.0	8.6	4.35	9.5	8.4	4.83	8.8	7.9	5.29
	14.0	20.0	12.1	9.5	3.56	11.7	9.2	3.76	11.0	8.7	4.14	10.7	8.6	4.43	10.1	8.4	4.91	9.4	7.9	5.39
	16.0	22.0	13.0	9.6	3.63	12.4	9.3	3.82	11.7	8.8	4.21	11.4	8.7	4.50	10.7	8.5	5.00	9.9	8.0	5.48
	18.0	25.0	13.6	9.9	3.71	13.3	9.5	3.92	12.4	9.1	4.31	12.1	9.0	4.61	11.5	8.7	5.12	10.6	8.3	5.61
	19.0	27.0	13.9	10.0	3.75	13.6	9.5	3.95	13.0	9.2	4.35	12.5	9.0	4.66	11.8	8.8	5.17	11.0	8.4	5.67
	19.5	27.0	14.1	10.0	3.76	13.8	9.5	3.97	13.1	9.2	4.37	12.7	9.1	4.68	12.0	8.8	5.19	11.2	8.4	5.69
	22.0	30.0	15.4	10.1	3.84	14.9	9.8	4.05	14.0	9.4	4.46	13.7	9.3	4.77	13.2	9.1	5.29	12.2	8.6	5.80
	24.0	32.0	16.2	10.2	3.88	15.8	9.9	4.09	14.9	9.5	4.50	14.6	9.4	4.82	13.9	9.2	5.34	13.1	8.9	5.86

3D057261

SYMBOLS

AFR:	Air flow rate	(m ³ /min)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°CWB)
EDB:	Entering dry bulb temp.	(°CDB)
DB*:	Dry bulb temp.	(°CDB)
TC:	Total capacity	(kW)
SHC:	Sensible heating capacity	(kW)
PI:	Power input (Comp. + indoor + outdoor fan motor).	(kW)

Caution

TC and SHC are shown by kW
V3: 230V (50Hz)
W1: 400V (50Hz)

NOTES

- Ratings shown are net capacities which include a deduction for indoor fan motor heat
-  Shows nominal capacities
- SHC is based on each EWB and EDB
SHC* = SHC correction for other dry bulb
= 0.29 x 60 x AFR [m³/min.] x (1-BF) x (DB*-EDB)/860
Add SHC* to SHC if SHC > TC, then TC equal SHC
- Direct interpolation is permissible.
Do not extrapolate.
- Capacities are based on following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0 m
- Air flow rate (AFR) and Bypass factor (BF) are tabulated below.

Model		FBQ
71	AFR	15.5
	BF	0.19
100	AFR	23.5
	BF	0.16
125	AFR	27.5
	BF	0.19

- Add the following corrections to power input of each model.

Model	Supply	FBQ
71	V3	0.06
	W1	0
100	V3	0.27
	W1	0
125	W1	0

Capacity tables

7 - 1 Cooling Capacity Tables

FUQ71-125BW1 + RQ71-100BV3 / RQ71-125BW1

Cooling capacity table

Outdoor	Indoor		Outdoor temp. (°CDB)																	
	EWB	EDB	20			25			32			35			40			46		
	(°C)	(°C)	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
71	12.0	18.0	6.2	4.9	1.90	6.1	4.8	2.06	5.7	4.7	2.31	5.5	4.6	2.47	5.3	4.5	2.72	4.8	4.1	2.97
	14.0	20.0	6.6	4.9	1.93	6.5	4.8	2.10	6.0	4.7	2.35	5.9	4.6	2.52	5.5	4.5	2.77	5.2	4.1	3.02
	16.0	22.0	7.2	5.0	1.96	7.0	4.9	2.13	6.5	4.8	2.39	6.3	4.7	2.56	6.0	4.6	2.82	5.4	4.2	3.07
	18.0	25.0	7.7	5.2	2.01	7.5	5.0	2.19	7.2	4.9	2.45	6.8	4.8	2.62	6.4	4.6	2.89	5.9	4.4	3.15
	19.0	27.0	8.0	5.3	2.03	7.7	5.2	2.21	7.3	5.0	2.47	7.1	4.8	2.65	6.6	4.7	2.92	6.1	4.5	3.18
	19.5	27.0	8.0	5.3	2.04	7.9	5.2	2.22	7.4	5.0	2.48	7.2	4.8	2.66	6.7	4.7	2.92	6.2	4.5	3.19
	22.0	30.0	8.7	5.4	2.08	8.5	5.3	2.26	8.0	5.2	2.53	7.9	4.9	2.71	7.4	4.8	2.98	6.7	4.5	3.25
	24.0	32.0	9.4	5.4	2.10	9.1	5.3	2.28	8.6	5.2	2.56	8.4	5.0	2.74	8.0	4.8	3.01	7.3	4.5	3.29
100	12.0	18.0	8.4	7.2	2.67	8.3	7.1	2.96	8.1	6.9	3.34	7.8	6.8	3.53	7.5	6.4	3.91	6.8	6.1	4.39
	14.0	20.0	8.9	7.2	2.72	8.8	7.1	3.01	8.7	6.9	3.40	8.4	6.8	3.59	7.8	6.4	3.98	7.4	6.1	4.46
	16.0	22.0	10.1	7.3	2.77	9.8	7.2	3.06	9.1	7.0	3.46	8.9	6.9	3.65	8.5	6.5	4.05	7.7	6.2	4.54
	18.0	25.0	10.8	7.6	2.83	10.5	7.5	3.14	9.8	7.1	3.54	9.6	7.0	3.74	9.0	6.8	4.15	8.3	6.3	4.65
	19.0	27.0	11.1	7.7	2.86	10.8	7.6	3.17	10.1	7.2	3.58	10.0	7.1	3.78	9.4	6.9	4.19	8.6	6.4	4.70
	19.5	27.0	11.2	7.7	2.87	11.0	7.6	3.18	10.3	7.2	3.59	10.1	7.1	3.79	9.5	6.9	4.20	8.7	6.4	4.72
	22.0	30.0	12.2	7.8	2.93	11.8	7.7	3.24	11.2	7.3	3.66	11.0	7.2	3.87	10.4	7.1	4.29	9.5	6.7	4.81
	24.0	32.0	13.0	7.9	2.96	12.7	7.8	3.27	11.9	7.5	3.69	11.6	7.3	3.91	11.1	7.2	4.33	10.2	6.8	4.86
125	12.0	18.0	11.1	9.5	3.43	10.8	9.2	3.62	10.0	8.7	3.98	9.7	8.6	4.27	9.2	8.4	4.73	8.5	7.9	5.19
	14.0	20.0	11.8	9.5	3.49	11.4	9.2	3.68	10.7	8.7	4.06	10.4	8.6	4.34	9.8	8.4	4.82	9.1	7.9	5.28
	16.0	22.0	12.7	9.6	3.56	12.1	9.3	3.75	11.4	8.8	4.13	11.1	8.7	4.42	10.4	8.5	4.90	9.6	8.0	5.38
	18.0	25.0	13.3	9.9	3.64	13.0	9.5	3.84	12.1	9.1	4.23	11.8	9.0	4.52	11.2	8.7	5.02	10.3	8.3	5.51
	19.0	27.0	13.6	10.0	3.68	13.3	9.5	3.88	12.7	9.2	4.27	12.2	9.0	4.57	11.5	8.8	5.07	10.7	8.4	5.56
	19.5	27.0	13.8	10.0	3.69	13.5	9.5	3.89	12.8	9.2	4.28	12.4	9.1	4.59	11.7	8.8	5.09	10.9	8.4	5.58
	22.0	30.0	15.1	10.1	3.76	14.6	9.8	3.97	13.7	9.4	4.37	13.4	9.3	4.68	12.9	9.1	5.19	11.9	8.6	5.69
	24.0	32.0	15.9	10.2	3.80	15.5	9.9	4.01	14.6	9.5	4.41	14.3	9.4	4.72	13.6	9.2	5.24	12.8	8.9	5.75

3TW26322-4B

SYMBOLS

AFR:	Air flow rate	(m ³ /min)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°CWB)
EDB:	Entering dry bulb temp.	(°CDB)
DB*:	Dry bulb temp.	(°CDB)
TC:	Total cooling/heating capacity	(kW)
SHC:	Sensible heating capacity	(kW)
PI:	Power input	(kW)
	(comp.+indoor+outdoor fan motor)	

Caution:

TC and SHC are shown by kW
V1/V3: 230 V [50 Hz]
W1: 400 V [50 Hz]

NOTES

- Ratings shown are net capacities.
Influence of fan motor heat is included.
- Shows nominal capacities
- SHC is based on each EWB and EDB
SHC* = SHC correction for other dry bulb
SHC* = 0.29 x 60 x AFR (m³/min.) x (1-BF) x (DB*-EDB)/860
Add SHC* to SHC if SHC > TC, then TC equal SHC
- Direct interpolation is permissible.
Do not extrapolate.
- Capacities are based on following conditions:
Corresponding refrigerant piping length : 7.5 m
Level difference : 0 m
- Air flow rate and BF are tabulated below.

Model		FUQ
71	AFR	19
	BF	0.07
100	AFR	29
	BF	0.07
125	AFR	45
	BF	0.25

- Add the following corrections to power input of each model.

Model	Supply	FUQ
71	V3	0.05
	W1	0
100	V3	0.05
	W1	0
125	W1	0

7 Capacity tables

7 - 1 Cooling Capacity Tables

FBQ71-125B7V3B + RQ71-100B7V3B / RQ71-125B7W1B

Cooling capacity table

Outdoor	Indoor		Outdoor temp. (°CDB)																	
	EWB (°C)	EDB (°C)	20			25			32			35			40			46		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
71	12.0	18.0	6.2	4.8	1.92	6.1	4.7	2.08	5.7	4.6	2.33	5.5	4.5	2.50	5.3	4.4	2.75	4.8	4.0	3.00
	14.0	20.0	6.6	4.8	1.95	6.5	4.7	2.12	6.0	4.6	2.38	5.9	4.5	2.55	5.5	4.4	2.80	5.2	4.0	3.06
	16.0	22.0	7.2	4.9	1.99	7.0	4.8	2.16	6.5	4.7	2.42	6.3	4.6	2.59	6.0	4.5	2.85	5.4	4.1	3.11
	18.0	25.0	7.7	5.1	2.03	7.5	4.9	2.21	7.2	4.8	2.48	6.8	4.7	2.65	6.4	4.5	2.92	5.9	4.3	3.18
	19.0	27.0	8.0	5.2	2.05	7.7	5.1	2.23	7.3	4.9	2.50	7.1	4.7	2.68	6.6	4.6	2.95	6.1	4.4	3.22
	19.5	27.0	8.0	5.2	2.06	7.9	5.1	2.24	7.4	4.9	2.51	7.2	4.7	2.69	6.7	4.6	2.96	6.2	4.4	3.23
	22.0	30.0	8.7	5.3	2.10	8.5	5.2	2.29	8.0	5.1	2.56	7.9	4.8	2.74	7.4	4.7	3.02	6.7	4.4	3.29
	24.0	32.0	9.4	5.3	2.12	9.1	5.2	2.31	8.6	5.1	2.58	8.4	4.9	2.77	8.0	4.7	3.05	7.3	4.4	3.32
100	12.0	18.0	8.4	7.0	2.54	8.3	6.9	2.82	8.1	6.7	3.18	7.8	6.6	3.36	7.5	6.2	3.72	6.8	5.9	4.18
	14.0	20.0	8.9	7.0	2.59	8.8	6.9	2.87	8.7	6.7	3.24	8.4	6.6	3.42	7.8	6.2	3.79	7.4	5.9	4.25
	16.0	22.0	10.1	7.1	2.63	9.8	7.0	2.92	9.1	6.8	3.29	8.9	6.7	3.48	8.5	6.3	3.86	7.7	6.0	4.33
	18.0	25.0	10.8	7.4	2.70	10.5	7.3	2.99	9.8	6.9	3.37	9.6	6.8	3.56	9.0	6.6	3.95	8.3	6.1	4.43
	19.0	27.0	11.1	7.5	2.72	10.8	7.4	3.02	10.1	7.0	3.41	10.0	6.9	3.60	9.4	6.7	3.99	8.6	6.2	4.48
	19.5	27.0	11.2	7.5	2.73	11.0	7.4	3.03	10.3	7.0	3.42	10.1	6.9	3.61	9.5	6.7	4.00	8.7	6.2	4.49
	22.0	30.0	12.2	7.6	2.79	11.8	7.5	3.09	11.2	7.1	3.48	11.0	7.0	3.68	10.4	6.9	4.08	9.5	6.5	4.58
	24.0	32.0	13.0	7.7	2.82	12.7	7.6	3.12	11.9	7.3	3.52	11.6	7.1	3.72	11.1	7.0	4.12	10.2	6.6	4.62
125	12.0	18.0	11.1	9.1	3.51	10.8	8.8	3.70	10.0	8.3	4.07	9.7	8.2	4.36	9.2	8.0	4.84	8.5	7.5	5.30
	14.0	20.0	11.8	9.1	3.57	11.4	8.8	3.77	10.7	8.3	4.14	10.4	8.2	4.44	9.8	8.0	4.92	9.1	7.5	5.40
	16.0	22.0	12.7	9.2	3.63	12.1	8.9	3.83	11.4	8.4	4.22	11.1	8.3	4.51	10.4	8.1	5.01	9.6	7.6	5.49
	18.0	25.0	13.3	9.5	3.72	13.0	9.1	3.92	12.1	8.7	4.32	11.8	8.6	4.62	11.2	8.3	5.13	10.3	7.9	5.63
	19.0	27.0	13.6	9.6	3.76	13.3	9.1	3.96	12.7	8.8	4.36	12.2	8.6	4.67	11.5	8.4	5.18	10.7	8.0	5.68
	19.5	27.0	13.8	9.6	3.77	13.5	9.1	3.98	12.8	8.8	4.38	12.4	8.7	4.69	11.7	8.4	5.20	10.9	8.0	5.70
	22.0	30.0	15.1	9.7	3.85	14.6	9.4	4.06	13.7	9.0	4.46	13.4	8.9	4.78	12.9	8.7	5.30	11.9	8.2	5.82
	24.0	32.0	15.9	9.8	3.88	15.5	9.5	4.10	14.6	9.1	4.51	14.3	9.0	4.83	13.6	8.8	5.35	12.8	8.5	5.87

3TW26322-2A

SYMBOLS

AFR:	Air flow rate	(m ³ /min)
BF:	Bypass factor	
EWB:	Entering wet bulb temp.	(°CWB)
EDB:	Entering dry bulb temp.	(°CDB)
DB*:	Dry bulb temp.	(°CDB)
TC:	Total cooling/heating capacity	(kW)
SHC:	Sensible heating capacity	(kW)
PI:	Power input	(kW)
	(comp.+indoor+outdoor fan motor)	

Caution:

TC and SHC are shown by kW
V3: 230 V [50 Hz]
W1: 400 V [50 Hz]

NOTES

- Ratings shown are net capacities.
Influence of fan motor heat is included.
- Shows nominal capacities
- SHC is based on each EWB and EDB
SHC* = SHC correction for other dry bulb
SHC* = 0.29 x 60 x AFR (m³/min.) x (1-BF) x (DB*-EDB)/860
Add SHC* to SHC if SHC > TC, then TC equal SHC
- Direct interpolation is permissible.
Do not extrapolate.
- Capacities are based on following conditions:
Corresponding refrigerant piping length : 7.5 m
Level difference : 0 m
- Air flow rate and BF are tabulated below.

Model		FBQ
71	AFR	19
	BF	0.11
100	AFR	27
	BF	0.2
125	AFR	35
	BF	0.14

- Add the following corrections to power input of each model.

Model	Supply	FBQ
71	V3	0.11
	W1	0
100	V3	0.19
	W1	0
125	W1	0

7 Capacity tables

7 - 1 Cooling Capacity Tables

7

FHQ71-125BUV1B + RQ71-100B7V3B / RQ71-125B7W1B

Cooling capacity

Outdoor	Indoor		Outdoor temperature (°CDB)																	
	EWB (°C)	EDB (°C)	20			25			32			35			40			46		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
71	12.0	18.0	6.2	4.8	1.90	6.1	4.7	2.06	5.7	4.6	2.31	5.5	4.5	2.47	5.3	4.4	2.72	4.8	4.0	2.97
	14.0	20.0	6.6	4.8	1.93	6.5	4.7	2.10	6.0	4.6	2.35	5.9	4.5	2.52	5.5	4.4	2.77	5.2	4.0	3.02
	16.0	22.0	7.2	4.9	1.96	7.0	4.8	2.13	6.5	4.7	2.39	6.3	4.6	2.56	6.0	4.5	2.82	5.4	4.1	3.07
	18.0	25.0	7.7	5.1	2.01	7.5	4.9	2.19	7.2	4.8	2.45	6.8	4.7	2.62	6.4	4.5	2.89	5.9	4.3	3.15
	19.0	27.0	8.0	5.2	2.03	7.7	5.1	2.21	7.3	4.9	2.47	7.1	4.7	2.65	6.6	4.6	2.92	6.1	4.4	3.18
	19.5	27.0	8.0	5.2	2.04	7.9	5.1	2.22	7.4	4.9	2.48	7.2	4.7	2.66	6.7	4.6	2.92	6.2	4.4	3.19
	22.0	30.0	8.7	5.3	2.08	8.5	5.2	2.26	8.0	5.1	2.53	7.9	4.8	2.71	7.4	4.7	2.98	6.7	4.4	3.25
100	24.0	32.0	9.4	5.3	2.10	9.1	5.2	2.28	8.6	5.1	2.56	8.4	4.9	2.74	8.0	4.7	3.01	7.3	4.4	3.29
	12.0	18.0	8.2	6.8	2.60	8.1	6.7	2.88	7.9	6.5	3.25	7.6	6.4	3.43	7.3	6.0	3.81	6.6	5.7	4.27
	14.0	20.0	8.7	6.8	2.65	8.6	6.7	2.93	8.5	6.5	3.31	8.2	6.4	3.50	7.6	6.0	3.87	7.2	5.7	4.35
	16.0	22.0	9.9	6.9	2.69	9.6	6.8	2.98	8.9	6.6	3.37	8.7	6.5	3.56	8.3	6.1	3.94	7.5	5.8	4.42
	18.0	25.0	10.6	7.2	2.76	10.3	7.1	3.05	9.6	6.7	3.45	9.4	6.6	3.64	8.8	6.4	4.04	8.1	5.9	4.53
	19.0	27.0	10.9	7.3	2.78	10.6	7.2	3.08	9.9	6.8	3.48	9.8	6.7	3.68	9.2	6.5	4.08	8.4	6.0	4.58
	19.5	27.0	11.0	7.3	2.79	10.8	7.2	3.09	10.1	6.8	3.49	9.9	6.7	3.69	9.3	6.5	4.09	8.5	6.0	4.59
125	22.0	30.0	12.0	7.4	2.85	11.6	7.3	3.16	11.0	6.9	3.56	10.8	6.8	3.77	10.2	6.7	4.17	9.3	6.3	4.68
	24.0	32.0	12.8	7.5	2.88	12.5	7.4	3.19	11.7	7.1	3.60	11.4	6.9	3.80	10.9	6.8	4.21	10.0	6.4	4.73
	12.0	18.0	11.1	9.1	3.39	10.8	8.8	3.57	10.0	8.3	3.93	9.7	8.2	4.21	9.2	8.0	4.67	8.5	7.5	5.12
	14.0	20.0	11.8	9.1	3.45	11.4	8.8	3.64	10.7	8.3	4.00	10.4	8.2	4.28	9.8	8.0	4.75	9.1	7.5	5.21
	16.0	22.0	12.7	9.2	3.51	12.1	8.9	3.70	11.4	8.4	4.07	11.1	8.3	4.36	10.4	8.1	4.84	9.6	7.6	5.31
	18.0	25.0	13.3	9.5	3.59	13.0	9.1	3.79	12.1	8.7	4.17	11.8	8.6	4.46	11.2	8.3	4.95	10.3	7.9	5.43
	19.0	27.0	13.6	9.6	3.63	13.3	9.1	3.83	12.7	8.8	4.21	12.2	8.6	4.51	11.5	8.4	5.00	10.7	8.0	5.49
125	19.5	27.0	13.8	9.6	3.64	13.5	9.1	3.84	12.8	8.8	4.23	12.4	8.7	4.53	11.7	8.4	5.02	10.9	8.0	5.51
	22.0	30.0	15.1	9.7	3.71	14.6	9.4	3.92	13.7	9.0	4.31	13.4	8.9	4.62	12.9	8.7	5.12	11.9	8.2	5.62
	24.0	32.0	15.9	9.8	3.75	15.5	9.5	3.96	14.6	9.1	4.35	14.3	9.0	4.66	13.6	8.8	5.17	12.8	8.5	5.67

SYMBOLS

AFR: Air flow rate [m3/min.]
 BF: Bypass factor
 EWB: Entering wet bulb temp. [°CWB]
 EDB: Entering dry bulb temp. [°CDB]
 DB*: Dry bulb temp. [°CDB]
 TC: Total capacity cooling [kW]
 SHC: Sensible heat capacity [kW]
 PI: Power input (Comp. + indoor + outdoor fan motor) [kW]

CAUTION

TC and SHC are given in kW.
 V1/V3: 230V [50 Hz]
 W1: 400V [50Hz]

NOTES

- Ratings shown are net capacities. Influence on fan motor heat is included.
- shows nominal capacities.
- SHC is based on each EWB and EDB.
 $SHC^* = SHC \text{ correction for other dry bulb.}$
 $= 0.29 \times 60 \times AFR [m3/min.] \times (1-BF) \times (DB^*-EDB)/860$
 Add SHC* to SHC if SHC > TC, then TC = SHC.
- Direct interpolation is permissible. Do not extrapolate.
- Capacities are based on the following conditions.
 Corresponding refrigerant piping length: 7.5m
 Level difference: 0m
- Air flow rate and BF are tabulated below.

Model		FAQ
71	AFR	18
	BF	0.1
100	AFR	24
	BF	0.14
125	AFR	30
	BF	0.13

- Add the following corrections to power input of each model.

Model		FAQ
71	V3	0.05
	W1	0
100	V3	0.07
	W1	0
125	W1	0

3TW26322-3

7 Capacity tables

7 - 1 Cooling Capacity Tables

FDQ125B7V3B + RQ125B7W1B

Cooling capacity

Outdoor	Indoor		Outdoor temperature (°CDB)																	
	EWB (°C)	EDB (°C)	20			25			32			35			40			46		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
125	12.0	18.0	11.4	10.7	3.60	11.1	10.4	3.79	10.3	9.9	4.18	10.0	9.8	4.47	9.5	9.6	4.96	8.8	9.1	5.44
	14.0	20.0	12.1	10.7	3.66	11.7	10.4	3.86	11.0	9.9	4.25	10.7	9.8	4.55	10.1	9.6	5.05	9.4	9.1	5.54
	16.0	22.0	13.0	10.8	3.73	12.4	10.5	3.93	11.7	10.0	4.33	11.4	9.9	4.63	10.7	9.7	5.14	9.9	9.2	5.64
	18.0	25.0	13.6	11.1	3.82	13.3	10.7	4.02	12.4	10.3	4.43	12.1	10.2	4.74	11.5	9.9	5.26	10.6	9.5	5.77
	19.0	27.0	13.9	11.2	3.86	13.6	10.7	4.07	13.0	10.4	4.47	12.5	10.2	4.79	11.8	10.0	5.32	11.0	9.6	5.83
	19.5	27.0	14.1	11.2	3.87	13.8	10.7	4.08	13.1	10.4	4.49	12.7	10.3	4.81	12.0	10.0	5.33	11.2	9.6	5.85
	22.0	30.0	15.4	11.3	3.95	14.9	11.0	4.16	14.0	10.6	4.58	13.7	10.5	4.90	13.2	10.3	5.44	12.2	9.8	5.97
	24.0	32.0	16.2	11.4	3.98	15.8	11.1	4.20	14.9	10.7	4.62	14.6	10.6	4.95	13.9	10.4	5.49	13.1	10.1	6.02

SYMBOLS

AFR: Air flow rate [m³/min.]
 BF: Bypass factor
 EWB: Entering wet bulb temp. [°CWB]
 EDB: Entering dry bulb temp. [°CDB]
 DB*: Dry bulb temp. [°CDB]
 TC: Total capacity cooling [kW]
 SHC: Sensible heat capacity [kW]
 PI: Power input (Comp. + indoor + outdoor fan motor) [kW]

CAUTION

TC and SHC are given in kW.
 V1/V3: 230V [50 Hz]
 W1: 400V [50Hz]

NOTES

- Ratings shown are net capacities. Influence on fan motor heat is included.
- shows nominal capacities.
- SHC is based on each EWB and EDB.
 SHC* = SHC correction for other dry bulb.

$$= 0.29 \times 60 \times \text{AFR} [\text{m}^3/\text{min.}] \times (1-\text{BF}) \times (\text{DB}^*-\text{EDB})/860$$

 Add SHC* to SHC if SHC > TC, then TC = SHC.
- Direct interpolation is permissible. Do not extrapolate.
- Capacities are based on the following conditions.
 Corresponding refrigerant piping length: 7.5m
 Level difference: 0m
- Air flow rate and BF are tabulated below.

Model	FAQ	
125	AFR	35
	BF	0.14

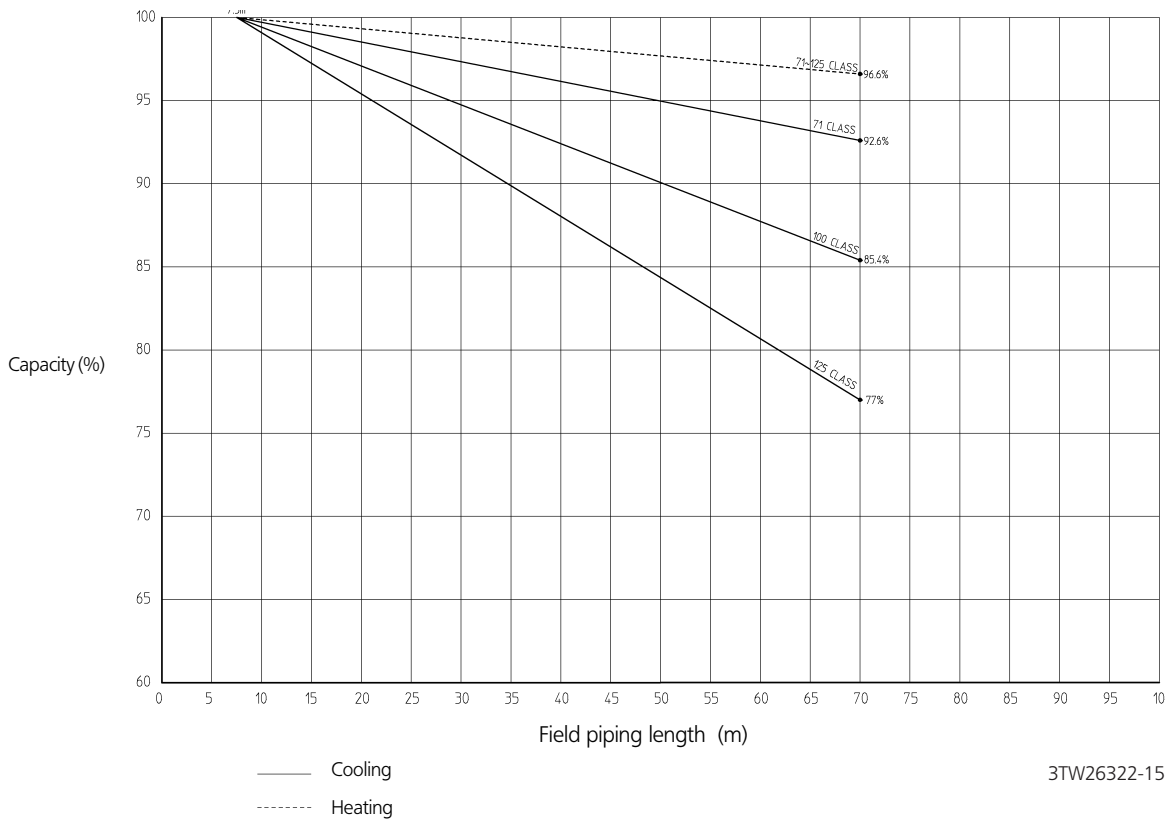
3TW26322-6

7 Capacity tables

7 - 2 Capacity Correction Factor

RR/RQ71~125B

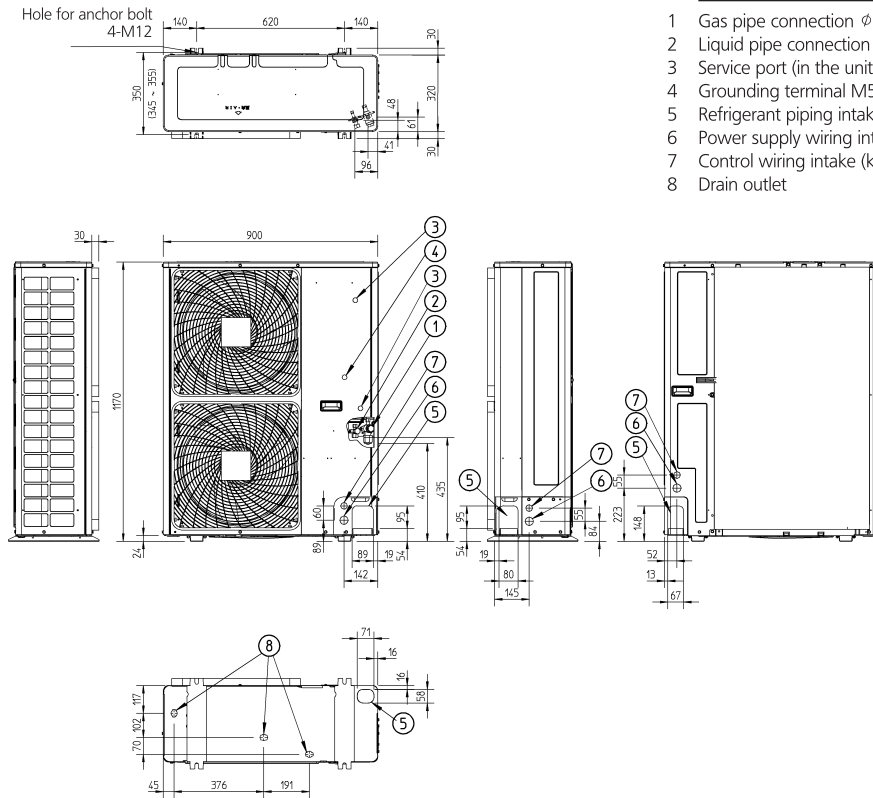
Capacity in function of field piping length for non-inverter



8 Dimensional drawings

8 - 1 Dimensional Drawings

RQ125BW1

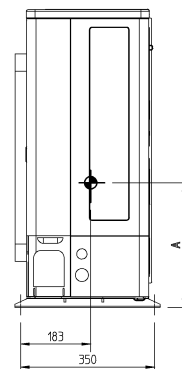
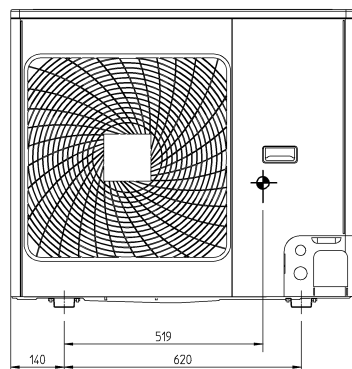


3TW26364-1A

9 Centre of gravity

9 - 1 Centre of Gravity

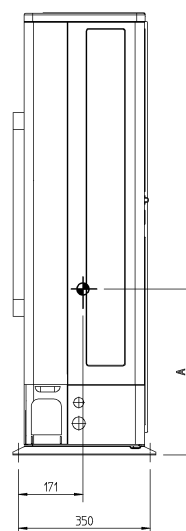
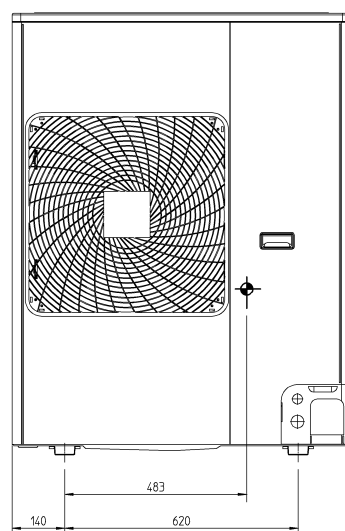
RQ71BV3
RQ71BW1
RR71BV3
RR71BW1



Model	A
RQ71BV3/BW1	267
RR71BV3/BW1	252

3TW26329-5C

RQ100BV3
RQ100BW1
RR100BV3
RR100BW1



Model	A
RQ100BV3/BW1	390
RR100BV3/BW1	375

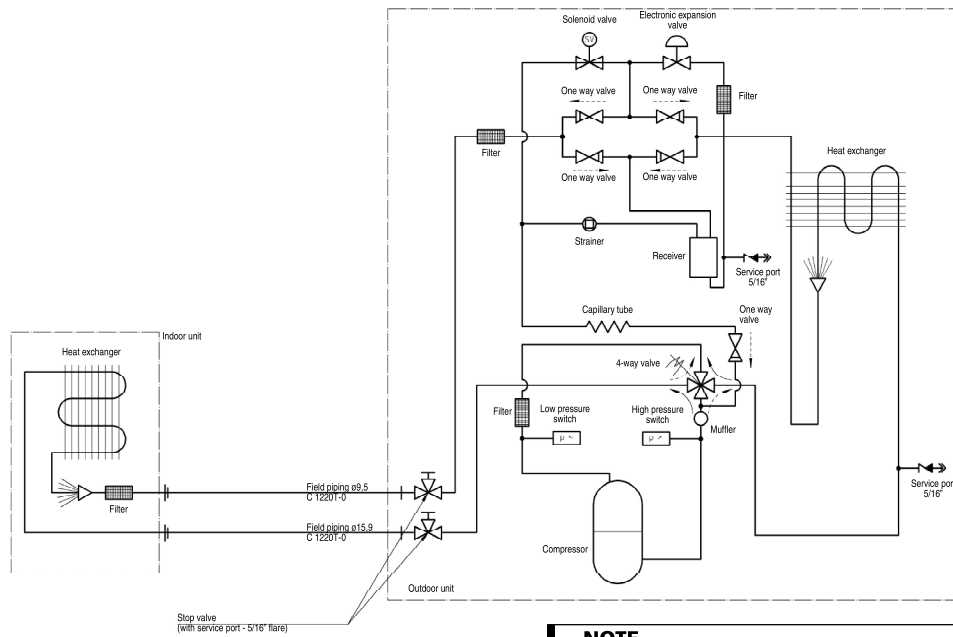
3TW26349-5C

10 Piping diagrams

10 - 1 Piping Diagrams

10

RQ71-125B7



NOTE

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

Check valve
 Flexible connection
 Flare connection
 Screw connection
 Flange connection
 Pinched pipe
 Spinned pipe

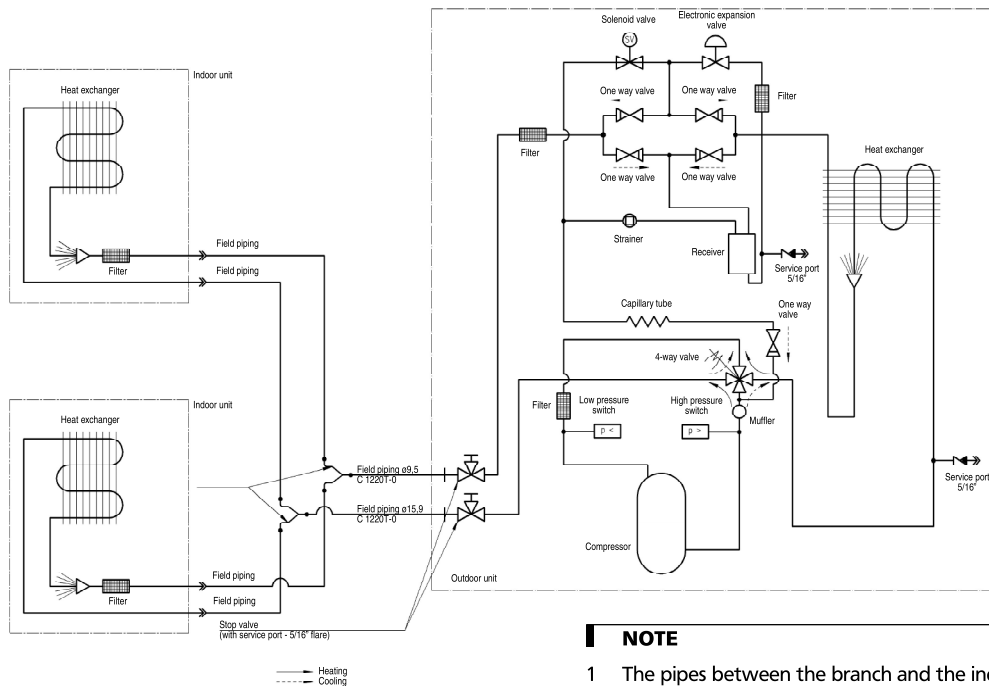
3TW26325-1

10 Piping diagrams

10 - 2 Piping Diagram Twin Application

10

RQ71-125B7



NOTE

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

Check valve Flexible connection Flare connection Screw connection Flange connection Pinched pipe Spinned pipe

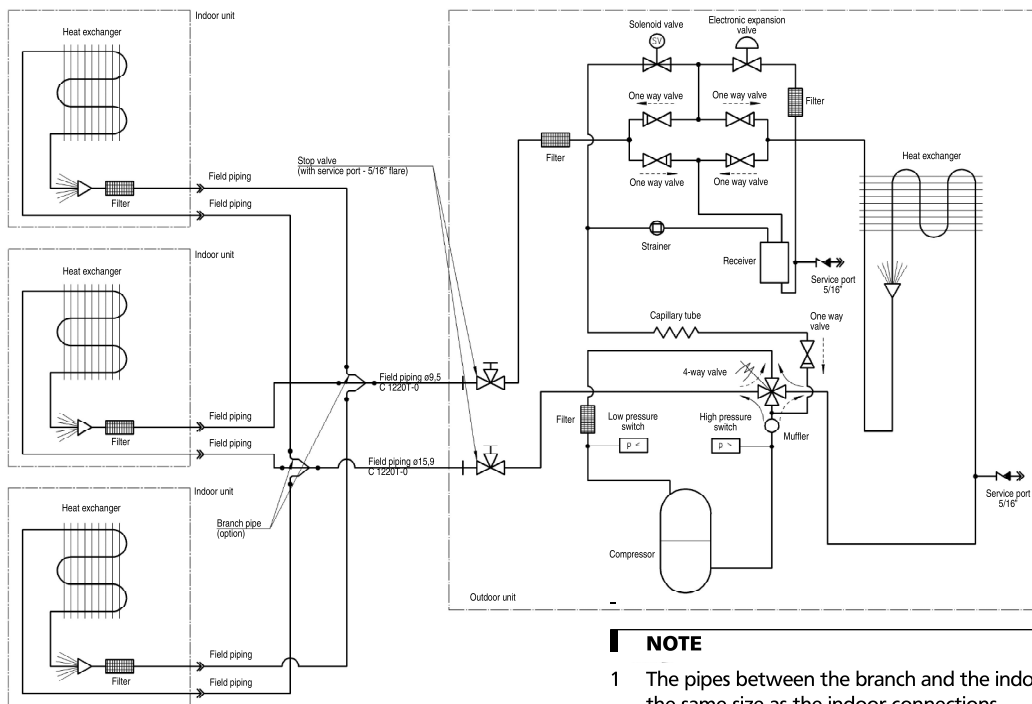
3TW26325-2

10 Piping diagrams

10 - 3 Piping Diagram Triple Application

10

RQ100-125B7



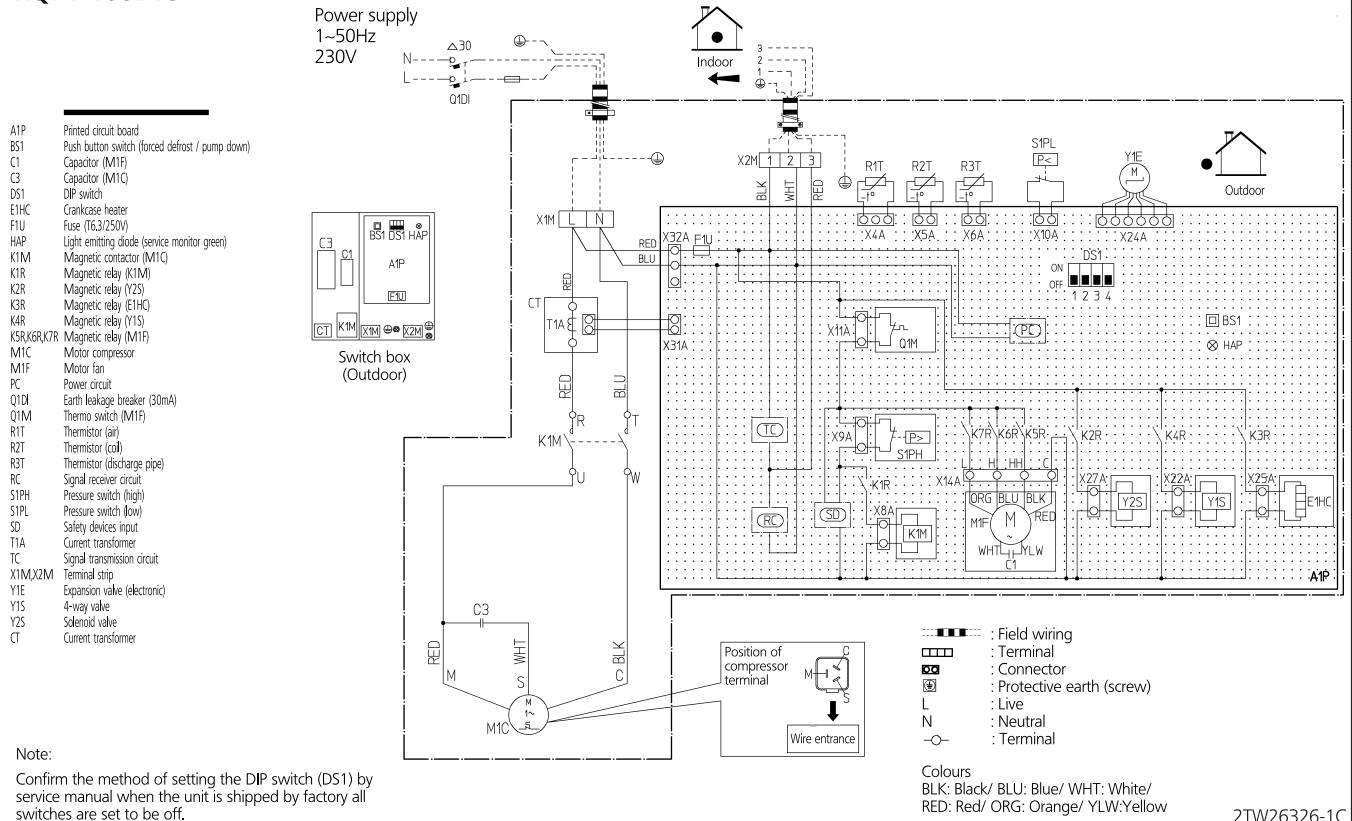
↔ Check valve ± Flexible connection ↗ Flare connection ⌋ Screw connection ⌋ Flange connection × Pinched pipe → Spinned pipe

3TW26345-3

11 Wiring diagrams

11 - 1 Wiring Diagrams - Single Phase

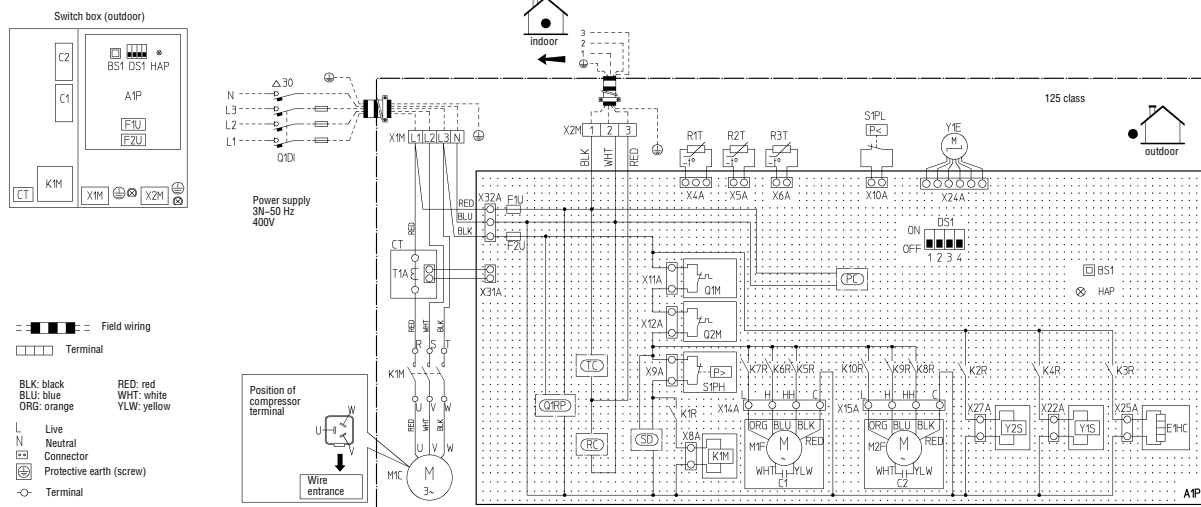
RQ71-100BV3



11 Wiring diagrams

11 - 2 Wiring Diagrams - Three Phase

RQ125B7W1B



LEGEND

A1P	Printed circuit board	K1M	(service monitor green) Magnetic contactor (M1C)	M1F, M2F	Motor fan	S1PH	Pressure switch (high)
BS1	Push button switch (forced defrost-pump down)	K1R	Magnetic relay (K1M)	PC	Power circuit	S1PL	Pressure switch (low)
C1	Capacitor (M1F)	K2R	Magnetic relay (Y2S)	Q1DI	Earth leakage breaker (30 mA)	SD	Safety devices input
C2	Capacitor (M2F)	K3R	Magnetic relay (E1HC)	Q1M	Thermo switch (M1F)	T1A	Current transformer
DS1	Dip switch	K4R	Magnetic relay (Y1S)	Q2M	Thermo switch (M2F)	TC	Signal transmission circuit
E1HC	Crankcase heater	K5R, K6R, K7R	Magnetic relay (M1F)	Q1RP	Phase reverse circuit	X1M, X2M	Terminal strip
F1U, F2U	Fuse (T6.3/250V)	K8R, K9R, K10R	Magnetic relay (M1F)	R1T	Thermistor (Air)	Y1E	Expansion valve (electronic)
HAP	Light emitting diode	K1OR	Magnetic relay (M2F)	R2T	Thermistor (Coil)	Y1S	4-way valve
		M1C	Motor compressor	R3T	Thermistor (Discharge pipe)	Y2S	Solenoid valve
				RC	Signal receiver circuit	CT	Current transformer

NOTE

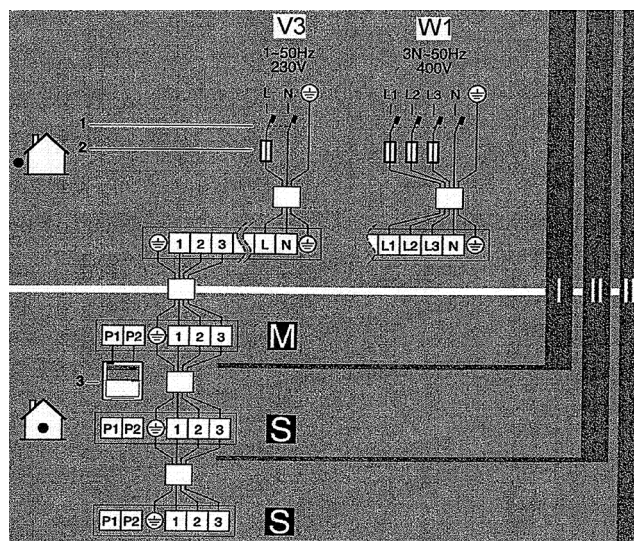
- 1 Confirm the method of setting the dip switch (DS1) by service manual. When the unit is shipped by factory all switches are set to be off.

2TW26366-1B

12 External connection diagrams

12 - 1 External Connection Diagrams

R(Q)(R)71-125B



I Pair
II Twin
III Triple
M Master

S Slave
1 Earth leak detector
2 Fuse
3 Remote controller

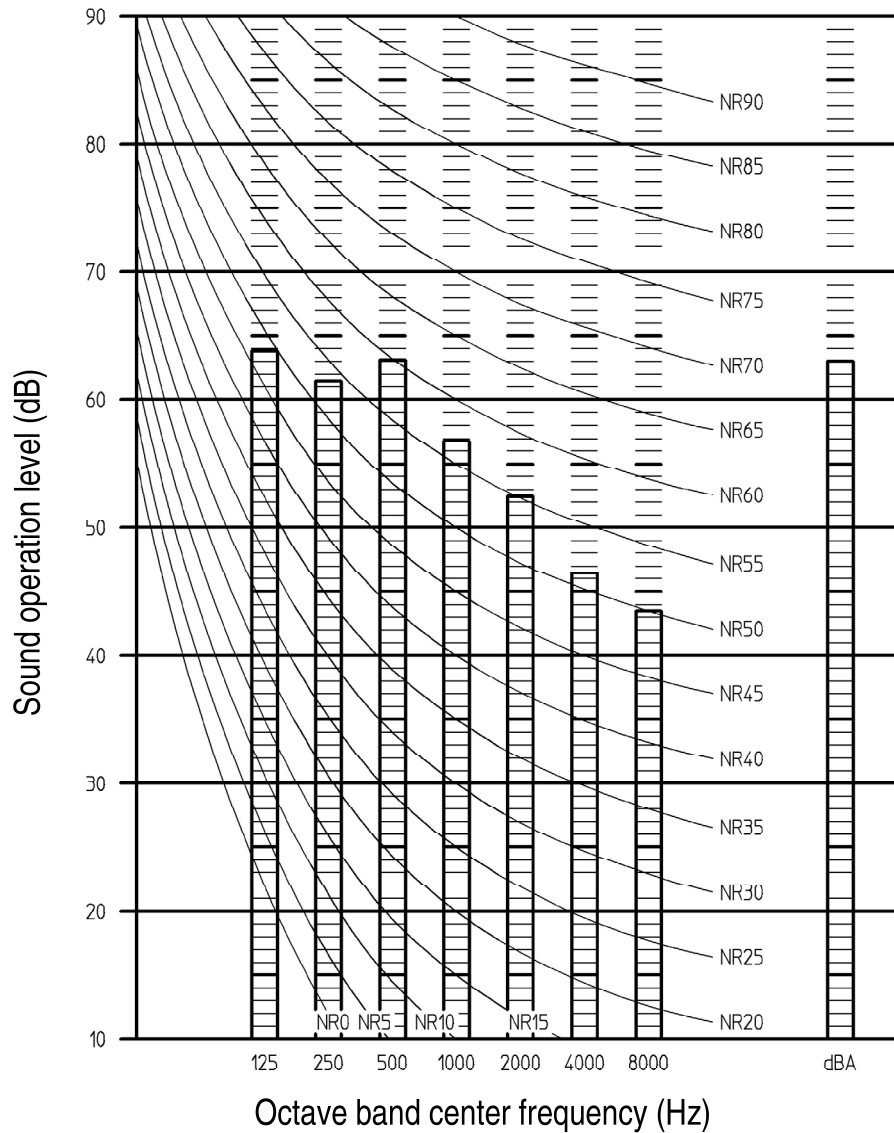
4TW26329-7

13 Sound data

13 - 1 Sound Power Spectrum

13

RR/RQ71B Cooling



NOTE

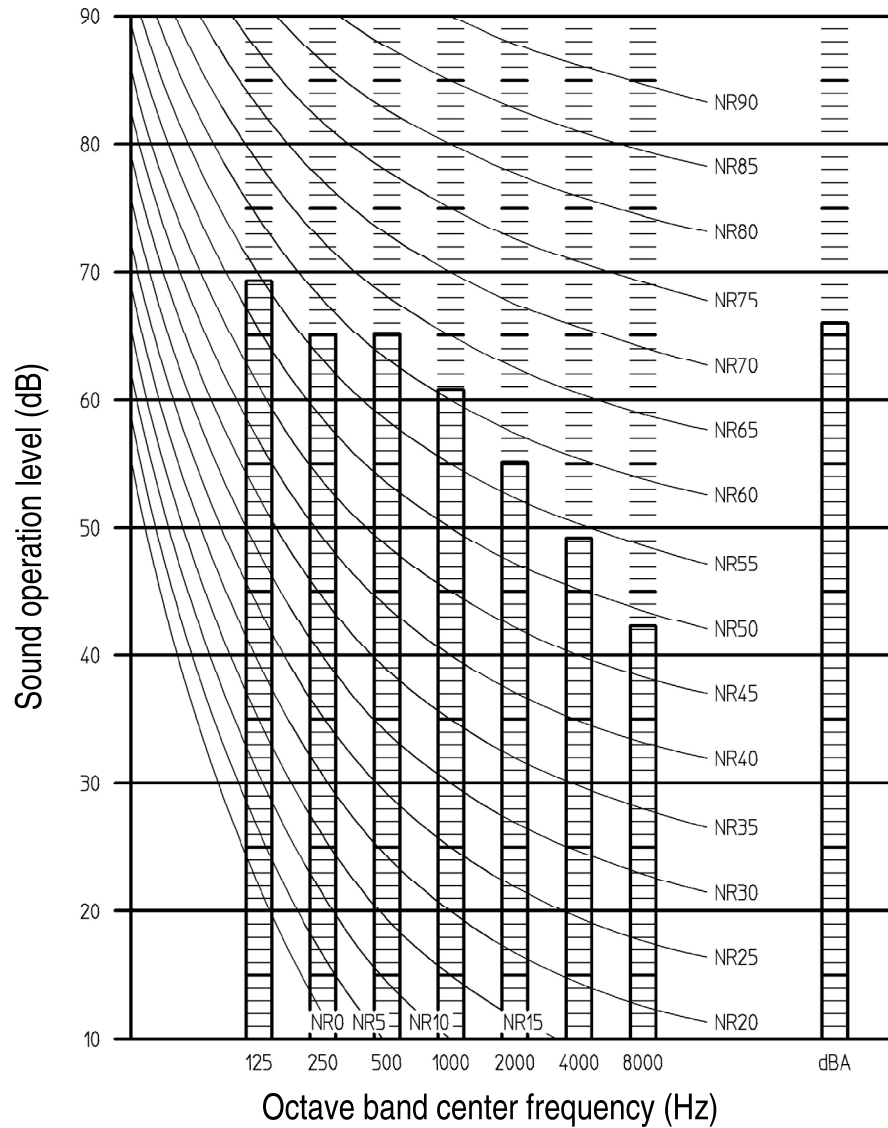
- 1 Data is valid at free field condition.
- 2 Data is valid at nominal operation condition.
- 3 dBA = A-weighted sound operation level (A-scale according to IEC)
- 4 Reference acoustic pressure 0dB = 20μPa.
- 5 Curve for RQ100B and RR100B in cooling mode.

3TW26327-3

13 Sound data

13 - 1 Sound Power Spectrum

RR/RQ100B Cooling



NOTE

- 1 Data is valid at free field condition.
- 2 Data is valid at nominal operation condition.
- 3 dBA = A-weighted sound operation level (A-scale according to IEC)
- 4 Reference acoustic pressure 0dB = 20μPa.
- 5 Curve for RQ100B and RR100B in cooling mode.

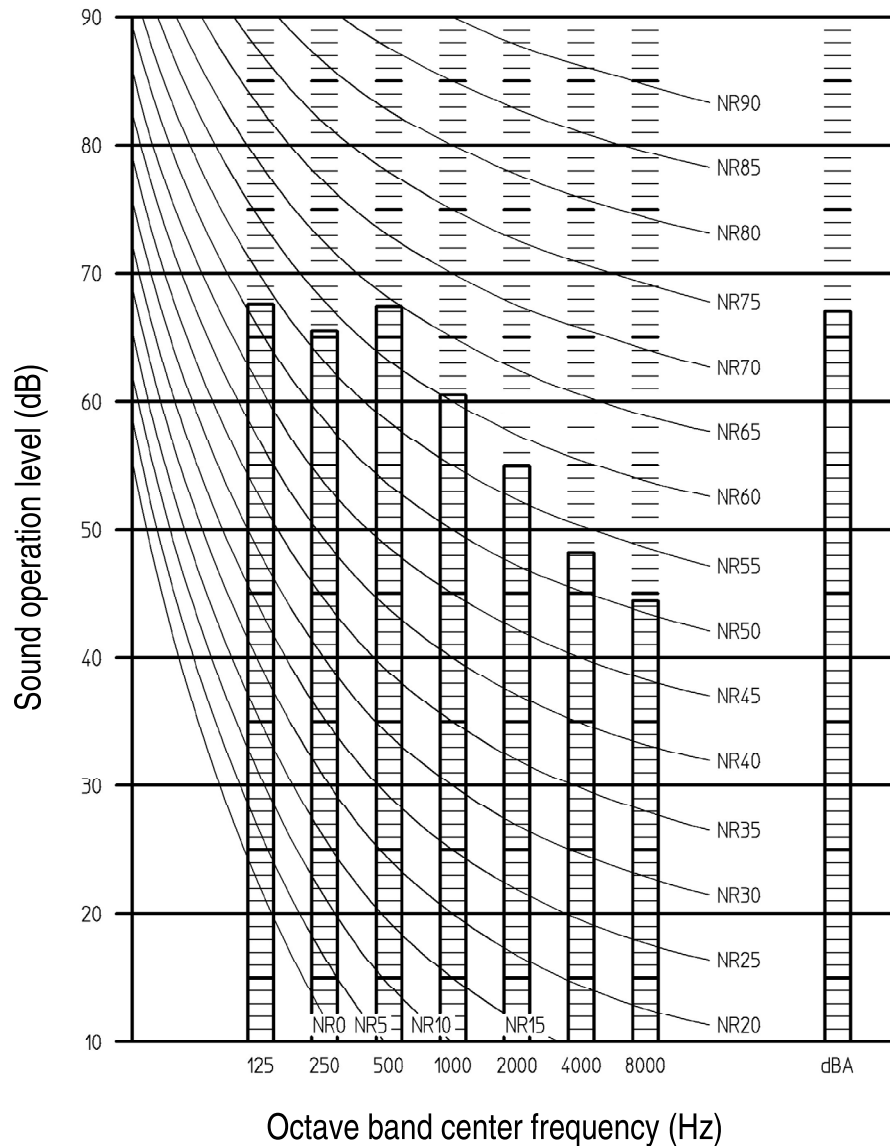
3TW26347-3

13 Sound data

13 - 1 Sound Power Spectrum

13

RR/RQ125B Cooling



NOTE

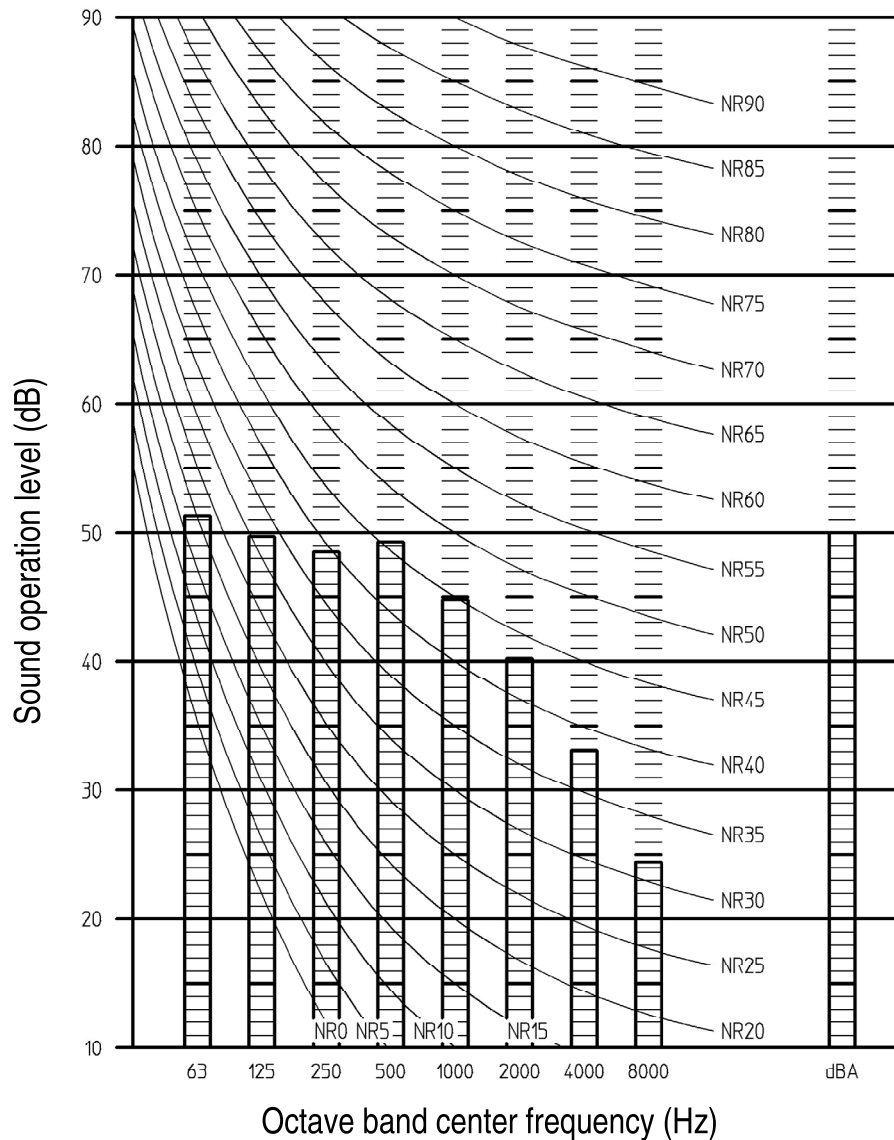
- 1 Data is valid at free field condition.
- 2 Data is valid at nominal operation condition.
- 3 dBA = A-weighted sound operation level (A-scale according to IEC)
- 4 Reference acoustic pressure 0dB = 20μPa.
- 5 Curve for RQ125B and RR125B in cooling mode.

3TW26367-3

13 Sound data

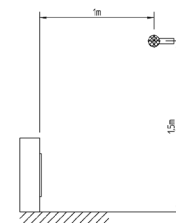
13 - 2 Sound Pressure Spectrum - Cooling

RR/RQ71B Cooling



NOTES

- 1 Data is valid at free field condition.
- 2 Data is valid at nominal operation condition.
- 3 dBA = A-weighted sound operation level (A-scale according to IEC)
- 4 Reference acoustic pressure 0dB = 20 μ Pa.
- 5 Curve for RQ71B and RR71B in cooling mode.



Measuring location
(discharge side)

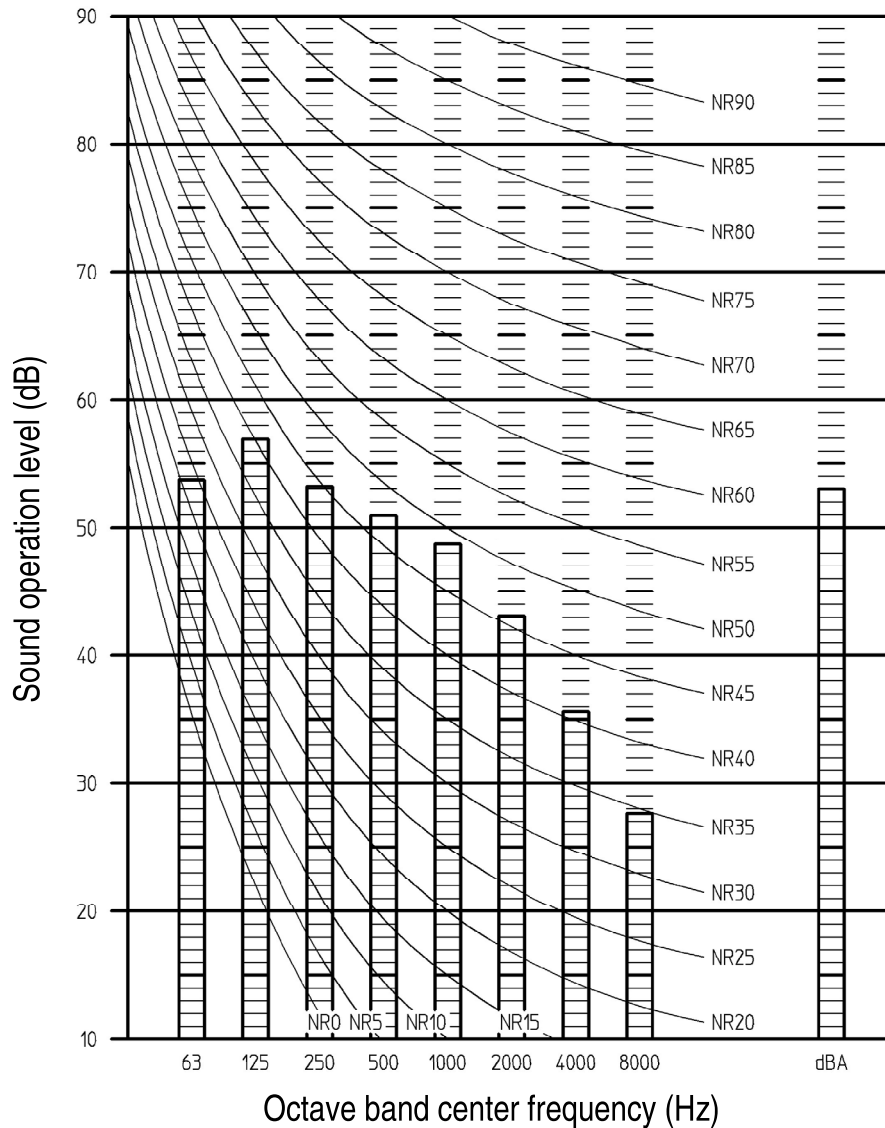
3TW26327-1

13 Sound data

13 - 2 Sound Pressure Spectrum - Cooling

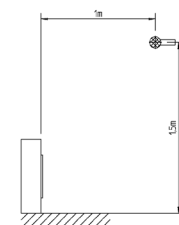
13

RR/RQ100B Cooling



NOTES

- 1 Data is valid at free field condition.
- 2 Data is valid at nominal operation condition.
- 3 dBA = A-weighted sound operation level (A-scale according to IEC)
- 4 Reference acoustic pressure 0dB = 20μPa.
- 5 Curve for RQ100B and RR100B in cooling mode.



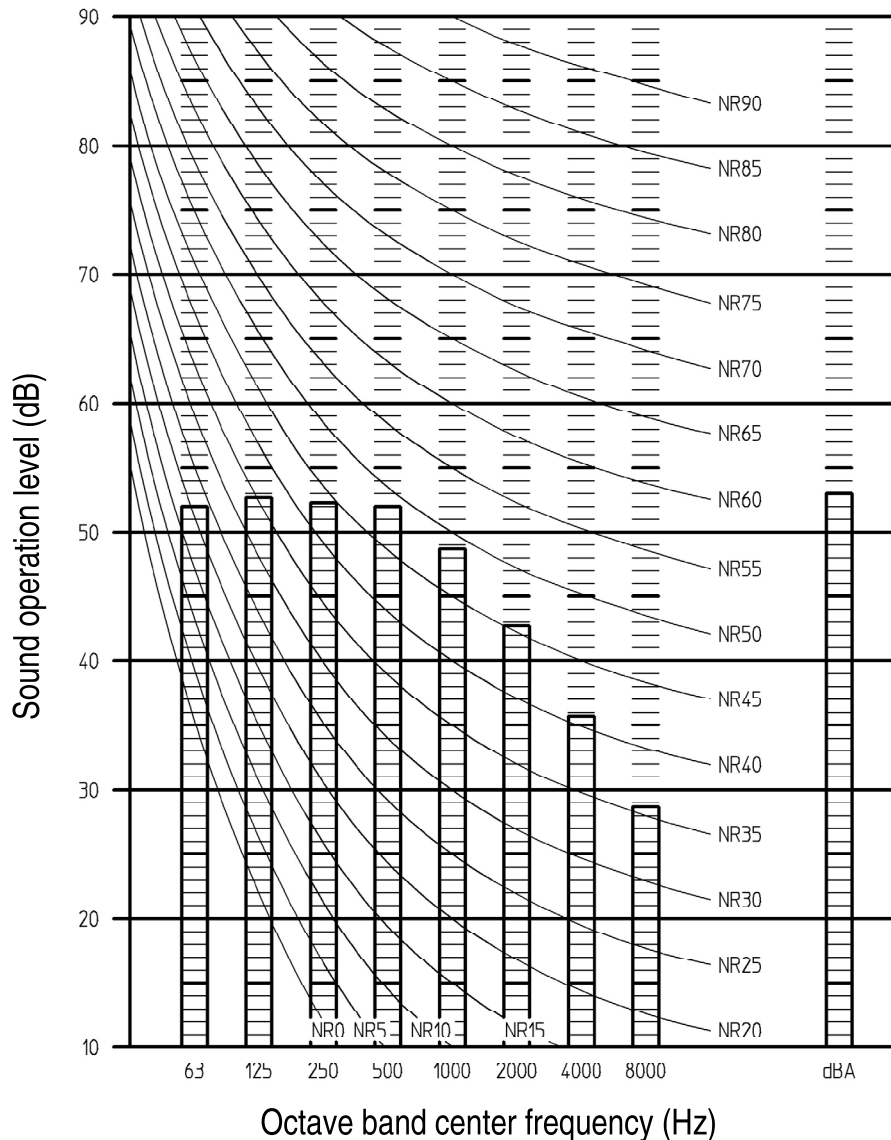
Measuring location
(discharge side)

3TW26347-1

13 Sound data

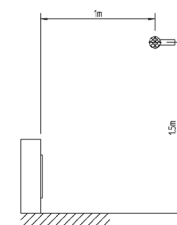
13 - 2 Sound Pressure Spectrum - Cooling

RR/RQ125B Cooling



NOTES

- 1 Data is valid at free field condition.
- 2 Data is valid at nominal operation condition.
- 3 dBA = A-weighted sound operation level (A-scale according to IEC)
- 4 Reference acoustic pressure 0dB = 20μPa.
- 5 Curve for RQ125B and RR125B in cooling mode.



Measuring location
(discharge side)

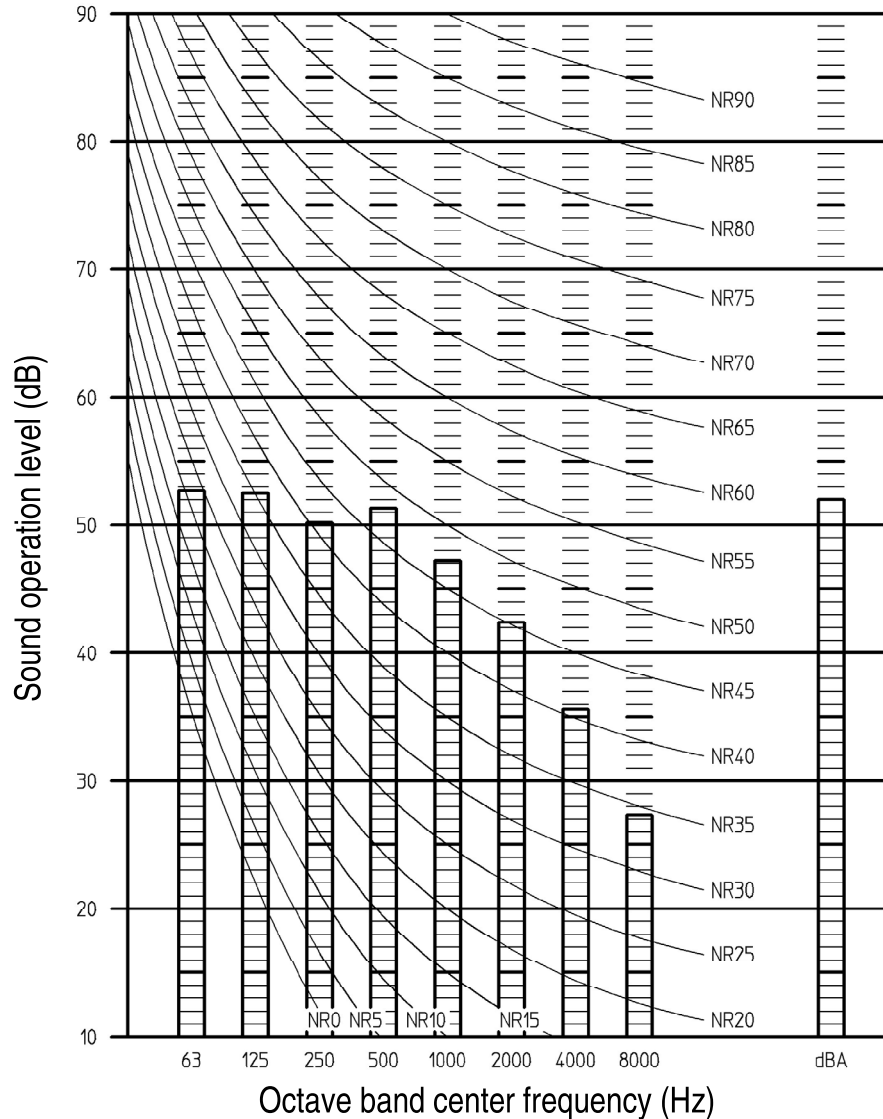
3TW26367-1

13 Sound data

13 - 3 Sound Pressure Spectrum - Heating

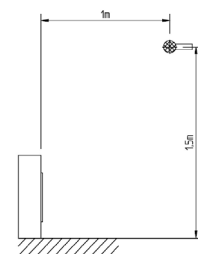
13

RQ71B7 Heating



NOTES

- 1 Data is valid at free field condition.
- 2 Data is valid at nominal operation condition.
- 3 dBA = A-weighted sound operation level (A-scale according to IEC)
- 4 Reference acoustic pressure 0dB = 20 μ Pa.
- 5 Curve for RQ71B7 in heating mode.



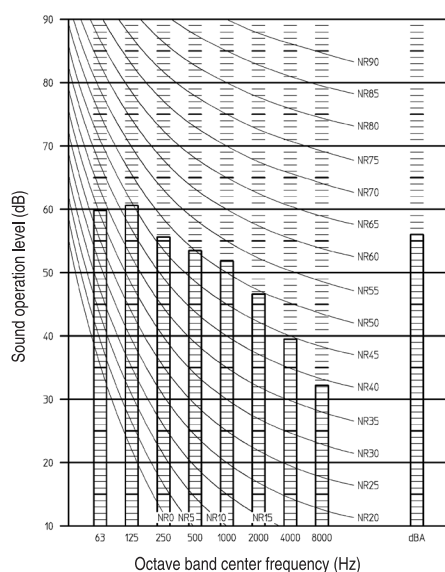
Measuring location
(discharge side)

3TW26327-2

13 Sound data

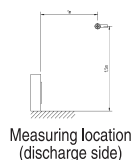
13 - 3 Sound Pressure Spectrum - Heating

RQ100B7 Heating



NOTES

- 1 Data is valid at free field condition.
- 2 Data is valid at nominal operation condition.
- 3 dBA = A-weighted sound operation level (A-scale according to IEC)
- 4 Reference acoustic pressure 0dB = 20μPa.
- 5 Curve for RQ100B7 and RR100B7 in heating mode.



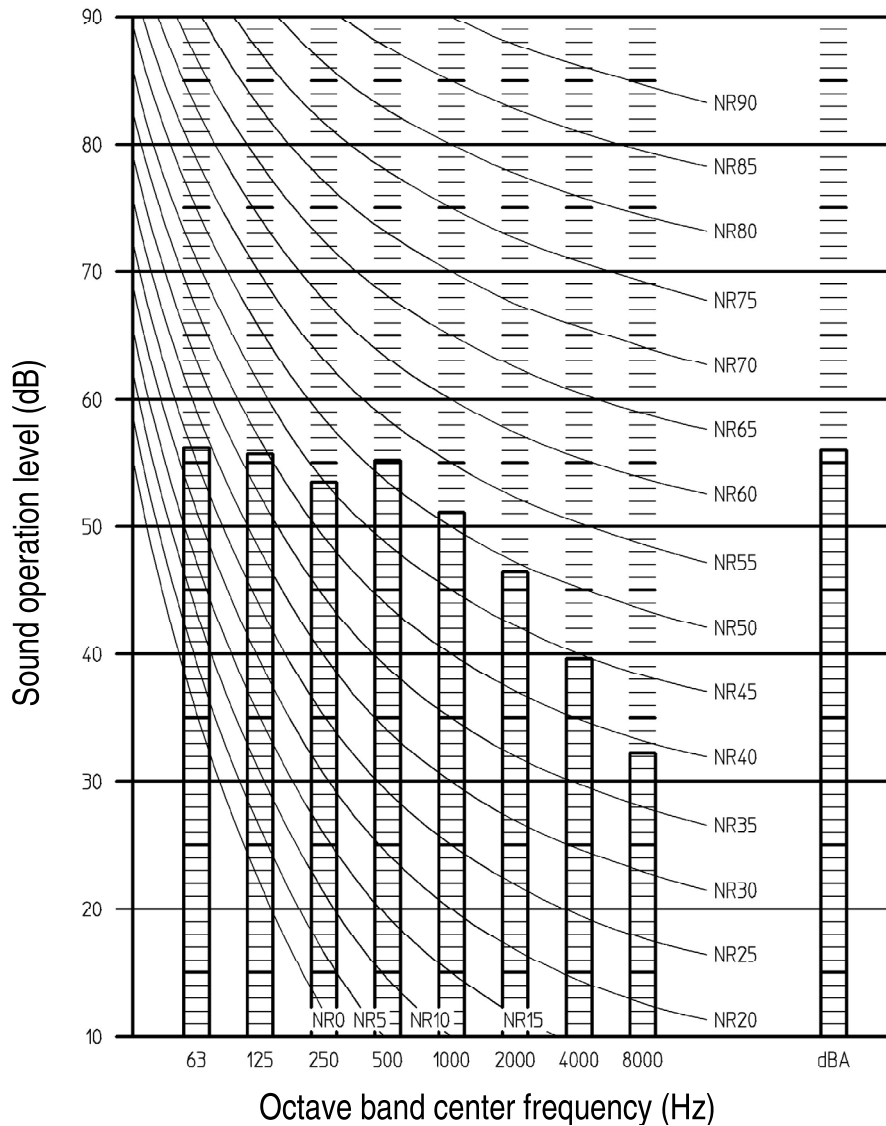
3TW26347-2

13 Sound data

13 - 3 Sound Pressure Spectrum - Heating

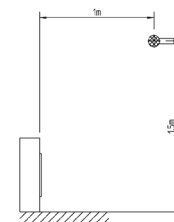
13

RQ125B7 Heating



NOTES

- 1 Data is valid at free field condition.
- 2 Data is valid at nominal operation condition.
- 3 dBA = A-weighted sound operation level (A-scale according to IEC)
- 4 Reference acoustic pressure 0dB = 20μPa.
- 5 Curve for RQ125B7 in heating mode.

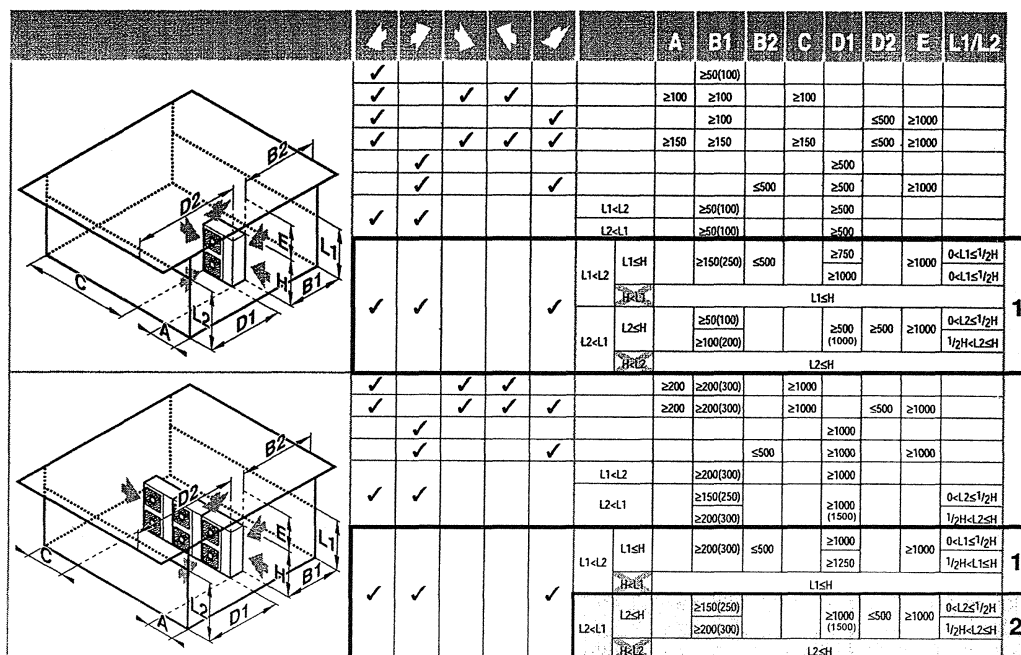


Measuring location
(discharge side)

3TW26367-2

14 - 1 Installation Method

Legend Unit: mm



-  Suction side obstacle
-  Discharge side obstacle
-  Left side obstacle
-  Right side obstacle
-  Top side obstacle
-  Obstacle is present

- 1 In these cases, close the bottom of the installation frame to prevent discharged air from being bypassed.

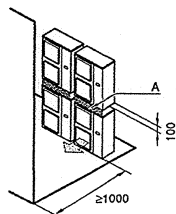
2 In these cases, only 2 units can be installed.



Figures between () indicate the dimensions only for the 100-125 class models.

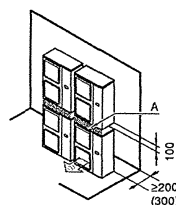
B. Stacked installation

1. Obstacles exist in front of the outlet side



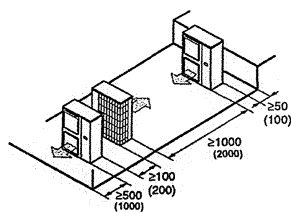
Do not stack more than one unit.
About 100mm is required as the dimension for laying the upper outdoor unit's drain pipe.
Get the portion A sealed so that air from the outlet does not bypass.

2. Obstacles exist in front of the air inlet

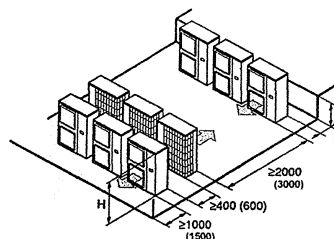


C. Multiple-row installation

1. Installation of one unit per row



2. Installing multiple units (2 units or more) in lateral connection per row



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

	L	A
L ≤ H	0 < L ≤ 1/2 H	150 (250)
	1/2 H < L	200 (300)
H < L	Installation impossible	

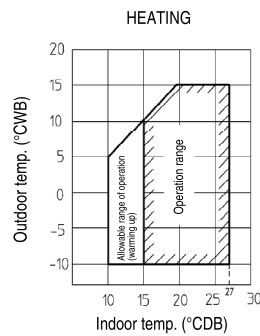
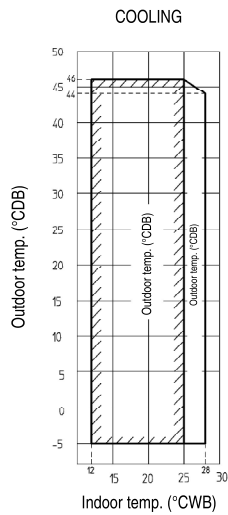
3TW25149-4A

15 Operation range

15 - 1 Operation Range

15

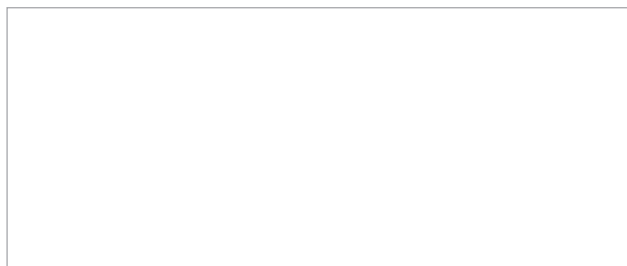
RQ71-125B7



NOTES

- 1 Model names:
RQ71B7V3B
RQ71B7W1B
RQ100B7V3B
RQ100B7W1B
RQ125B7W1B
- 2 Depending on operation and installation conditions, the indoor unit can change over to freeze-up operation (indoor de-icing).
- 3 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.

3TW26323-1



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08/2021



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