

Air Conditioning Technical Data

VRV IV S-series compact heat pump



EEDEN16-200_2

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RXYSCQ-TV1

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4

The most compact VRV

- Compact & lightweight single fan design makes the unit almost unnoticeable
- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, air handling units and Biddle air cutains
- Wide range of indoor units: either connect VRV or stylish indoor units such as Daikin Emura, Nexura ...
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature and full inverter compressors
- Customize your VRV for best seasonal efficiency & comfort with the weather dependant Variable Refrigerant Temperature function. Increased seasonal efficiency with up to 28%. No more cold draft by supply of high outblow temperatures
- VRV configurator software for the fastest and most accurate commissioning, configuration and customisation

- Outdoor unit display for quick on-site settings and easy read out of errors together with the indication of service parameters for checking basic functions
- 3 steps in night quiet mode: step 1: 47dBA, step 2: 44 dBA, step 3: 41 dBA
- Simplified installation & guaranteed optimal efficiency with automatic charging & testing
- Easy compliance with F-gas regulation thanks to automated refrigerant containment check
- Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand
- · Connectable to all VRV control systems
- Keep your system in top condition via our i-Net service: 24/7
 monitoring for maximum efficiency, extended lifetime, immediate
 service support thanks to failure prediction and a clear understanding
 of operability and usage





Inverte

2 Specifications

2-1 Technical S	pecifications			RXYSCQ4TV1	RXYSCQ5TV1	
Capacity range	-		HP	4	5	
Cooling capacity	Nom.		kW	12.1 (1)	14.0 (1)	
Heating capacity	Nom.		kW	12.1 (2)	14.0 (2)	
3,	Max.		kW	14.2 (2)	16.0 (2)	
Power input - 50Hz	Cooling	Nom.	kW	3.43 (1)	4.26 (1)	
	Heating	Nom.	kW	3.18 (2)	3.91 (2)	
	ricating	Max.	kW	4.14 (2)	5.00 (2)	
Capacity control	Method	wax.	KVV	Inverter of	• •	
Maximum number of or		nite		64		
Indoor index	Min.		50	62.5		
connection	Nom.				- 02.0	
	Max.			130	162.5	
Dimonsions	Unit	Height	lmm		23	
Dimensions	Offic	Width	mm		40	
			mm		60	
	Daaleadit	Depth	mm			
	Packed unit	Height	mm		95	
		Width	mm		030	
		Depth	mm		80	
Weight	Unit		kg		4	
	Packed unit		kg		06	
Packing	Material		1.		rton	
	Weight		kg		.8	
Packing 2	Material				pod	
	Weight		kg	5.8		
Packing 3	Material			Plastic		
	Weight		kg	1	.1	
Casing	Colour				White	
	Material			Painted galvanized steel plate Cross fin coil		
Heat exchanger	Туре					
	Fin	Treatment		Anti-corrosion treatment		
Compressor	Quantity			1 Hermetically sealed swing compressor 33		
	Туре					
	Crankcase heater		W			
	Model			Inverter		
Fan	Quantity				1	
	Air flow rate	Cooling Nom.	m³/min	9	1	
	External static	Max.	Pa		-	
	pressure					
	Discharge direction	n		Horiz	contal	
	Туре			Prope	ller fan	
Fan motor	Quantity				1	
	Model			Brushless	DC motor	
	Output		W	20	00	
Sound power level	Cooling	Nom.	dBA	68 (4)	69 (4)	
Sound pressure level	Cooling	Nom.	dBA	51 (5)	52 (5)	
Operation range	Cooling	Min.~Max.	°CDB		-46	
-	Heating	Min.~Max.	°CWB	-20~	15.5	
Refrigerant	Туре		<u>'</u>		10A	
•	Charge		kg		.7	
			TCO ₂ eq		.7	
	GWP		2-1		 87.5	
Refrigerant oil	Туре				er) oil FVC50K	
	Charged volume				.4	
	Charges volume		1'	'		

2 Specifications

2-1 Technical Specifications				RXYSCQ4TV1	RXYSCQ5TV1		
Piping connections	Liquid	Туре			Flare connection		
		OD		mm	9.52		
	Gas	Туре			Flare connection		
		OD		mm	15	5.9	
	Heat insulation				Both liquid a	and gas pipes	
	Piping length	OU - IU	Max.	m	31	00	
	Total piping length	System	Actual	m		-	
	Level difference		Outdoo r unit in highest position	m		-	
			Indoor unit in highest position	m		-	
Defrost method	•		•	•	Reverse	ed cycle	
Safety devices	Item	01			High pressure switch		
		02			Fan driver overload protector		
		03			Inverter over	load protector	
		04			PC box	ard fuse	
		05			Fusible plugs		
PED	Category				Category I		
	Most critical part	Name			Compressor		
		Ps*V		Bar*l	11	67	

Standard Accessories : Installation manual; Standard Accessories : Operation manual; Standard Accessories : Connection pipes;

2-2 Electrical S	pecifications			RXYSCQ4TV1	RXYSCQ5TV1		
Power supply	Name			V1			
	Phase			1~	-		
	Frequency		Hz	50)		
	Voltage		V	220-2	240		
Voltage range	Min.		%	-1()		
	Max. %		%	10			
Current	Nominal running Cooling current (RLA) - 50Hz		A	19.0 (6)			
Current - 50Hz	Minimum circuit amps (MCA) A		Α	29.1			
	Maximum fuse amps (MFA) A		Α	32	32		
	Total overcurrent amps (TOCA)		Α	29.1	(7)		
	Full load amps (FLA)	Total	А	0.0	6		
Wiring connections -	For power supply	Quantity	•	30	3		
50Hz	For connection with	Quantity		2			
	indoor	Remark		F1,F2			
Power supply intake	•	•		Both indoor and	d outdoor unit		

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. Data for standard efficiency series. Eurovent 2015 tolerances are used.
- (2) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series. Eurovent 2015 tolerances are used.
- (3) Actual number of units depends on the indoor unit type (VRV DX indoor, RA DX indoor, etc.) and the connection ratio restriction for the system (being; 50% ≤ CR ≤130%).
- (4) Sound power level is an absolute value that a sound source generates.
- (5) Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to the sound level drawings.
- (6) RLA is based on following conditions: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB
- (7) TOCA means the total value of each OC set.

Sound values are measured in a semi-anechoic room.

For detailed contents of standard accessories, see installation/operation manual

MSC means the maximum current during start up of the compressor. VRV IV uses only inverter compressors. Starting current is always ≤ max. running current.

MCA must be used to select the correct field wiring size. The MCA can be regarded as the maximum running current.

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

FLA means the nominal running current of the fan

Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.

Maximum allowable voltage range variation between phases is 2%.

In accordance with EN/IEC 61000-3-11, respectively EN/IEC 61000-3-12, it may be necessary to consult the distribution network operator to ensure that the equipment is connected only to a supply with Zsys ≤ Zmax, respectively Ssc ≥ minimum Ssc value.

EN/IEC 61000-3-11: European/international technical standard setting the limits for voltage changes, voltage fluctuations and flicker in public low-voltage supply systems for equipment with rated $\leq 75A$

EN/IEC 61000-3-12: European/international technical standard setting the limits for harmonic currents produced by equipment connected to public low-voltage system with input current >> 16A and ≤ 75A per phase

Ssc: Short-circuit power

Zsys: system impedance

3 Options 3 - 1 Options

RXYSCQ-TV1 RXYSQ-TV1 RXYSQ-TY1

Nr.	Item	RXYSCQ4~5TMV1B	RXYSQ4~6T7V1B	RXYSQ4~6T7Y1B	RXYSQ8~12TMY1B	RXYSQ6T7Y1B9	
	Refnet header	KHRQ22M29H					
	Nemet neader	-	-	-	KHRQ22M64H	-	
				KHRQ22M20T			
H.	Refnet joint	-	-	-	KHRQ22M29T9	-	
		-	-	-	KHRQ22M64T	-	
1a.	Cool/heat selector (switch)	-	KRC:	19-26	-	KRC19-26	
1b.	Cool/heat selector (fixing box)	-	KJB111A		-	KJB111A	
1c.	Cool/heat selector (PCB)	-	EBRP2B	-	-	-	
1d.	Cool/heat selector (cable)	-	-	EKCHSC	-	EKCHSC	
2.	Drain plug kit	-	EKD	OK04	-	EKDK04	
3.	VRV configurator	EKPCCAB*					
4.	Demand PCB	DTA104A61/62*					
	Branch provider - 2 rooms		BPMK:	S967A2		-	
6.	Branch provider - 3 rooms		BPMK:	S967A3		-	

- Notes

 1. All options are kits
 2. To mount option 1a, option 1b is required.
 3. For RXYSQ4*GT7V1B
 To operate the cool/heat selector function, options 1a and 1c are both required.
 4. For RXYSQ4*GT7Y1B
 To operate the cool/heat selector function, options 1a and 1d are both required.

3D097778A

Combination table

4 - 1 **Combination Table**

RXYSCQ-TV1 RXYSQ-TV1 RXYSQ-TY1

	Configuration	on	Indoor unit type
	Wall-mounted	Emura	FTXG20L (W/S)
			FTXG25L (W/S)
			FTXG35L (W/S)
			FTXG50L (W/S)
		FTXS	FTXS20K
			FTXS25K
			FTXS35K
			FTXS42K
			FTXS50K
.±			FTXS60G
indoor unit			FTXS71G
ō		CTXS	CTXS15K
မွ			CTXS35K
	Floor-standing	Flex	FLXS25B
RA box +	Ceiling-mounted		FLXS35B
lĝ			FLXS50B
₹			FLXS60B
~	Floor-standing	FVXS	FVXS25F
			FVXS35F
			FVXS50F
		Nexura	FVXG25K
			FVXG35K
			FVXG50K
l	Duct	FDXS	FDXS25F
			FDXS30F
			FDXS50F9
			FDXS60F

	Configurati	Indoor unit type	
	Cassette	Fully Flat 2x2	FFQ25C
			FFQ35C
			FFQ50C
			FFQ60C
SA box + indoor unit		Roundflow 3x3	FCQG35F
2			FCQG50F
8			FCQG60F
ē			FCQG71F
-	Ceiling-suspended		FHQ35C
×			FHQ50C
ă			FHQ60C
Ծ			FHQ71C
	Duct		FBQ35D
			FBQ50D
			FBQ60D
			FBQ71D

Remark

1. The limitations on the use of RA/SA indoor units with the VRV4-S Heat Pump are subject to the rules set out in drawings 3D097983 and 3D097984.

4 - 1 **Combination Table**

RXYSCQ-TV1 RXYSQ-TV1 RXYSQ-TY1

Indoor unit combination pattern	VRV* DX box + indoor unit	RA DX box + indoor unit	Hydrobox unit	Air handling unit (AHU) (1)
VRV* DX box + indoor unit	0	х	х	0
RA DX box + indoor unit	x	0	х	х
Hydrobox unit (1)	х	х	х	х
Air handling unit (AHU)	0,	х	х	01

- Combination of AHU only + control box EKEQMA (not combined with VRV DX indoor units)

 → Z-control is possible (the allowed number of [EKEXV + EKEQMA boxes] is determined by the connection ratio (90-110%) and the capacity of the c
- Combination of AHU and VRV DX indoor units
 → 2-control is possible (EKEQMA* boxes are allowed, but with a limited connection ratio).
- 3. (¹) The following units are considered AHUs:

 → EKEXV + EKEQ(MA/FA) + AHU coil

 → Biddle air curtain

 → FXMQ_MF units

Information
- VKM units are considered to be regular VRV DX indoor units.

3D097983

3D097983

RXYSCQ-TV1 **RXYSQ-TV1 RXYSQ-TY1**

Combination table	RXYSCQ4~5TMV1B	RXYSQ4~6T7V1B	RXYSQ4~6T7Y1B	RXYSQ8~12TMY1B
VRV* DX box + indoor unit	0	0	0	0
RA DX box + indoor unit	0	0	0	0
Hydrobox unit	X	X	X	X
Air handling unit (AHU) (2)	0	0	0	0

O: Allowed X: Not allowed

Notes

1. (2) The following units are considered AHUs:

→ EKEXV + EKEQ(MA/FA) + AHU coil

→ Biddle air curtain

→ FXMQ_MF units

5 Capacity tables

5 - 1 Capacity Table Legend

In order to fulfill more your requirements on quick access of data in the format you require, we have developed a tool to consult capacity tables.

Below you can find the link to the capacity table database and an overview of all the tools we have to help you select the correct product:

- Capacity table database: lets you find back and export quickly the capacity information you are looking for based upon unit model, refrigerant temperature and connection ratio.
 - → http://extranet.daikineurope.com/captab
- E-data app: gives a complete overview of the Daikin products available in your country, with all engineering data and commercial info in your own language. Download the app now!
 - → https://itunes.apple.com/us/app/daikin-e-data/id565955746?mt=8



- Selection software: allows you to do load calculations, equipment selections and energy simulations for our VRV, Daikin Altherma, refrigeration and applied systems products.
 - $\hspace{2.5cm} \hspace{2.5cm} \rightarrow \underline{\text{http://extranet.daikineurope.com/en/software/downloads/default.jsp}}$

RXYSCQ-TV1 RXYSQ-TV1 RXYSQ-TY1

Integrated heating capacity coefficient

The heating capacity tables do not take into account the capacity reduction in case of frost accumulation or defrost operation.

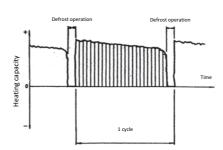
The capacity values that take these factors into account, or in other words, the integrated heating capacity values, can be calculated as follows:

- A = Integrated heating capacity
 B = Capacity characteristics value
 C = Integrated correction factor for frost accumulation (see table)

A = B * C

Inlet air temperature of heat exchanger

illet all telliperature of fleat exchanger							
[°CDB/°CWB]	-7/-7.6	-5/-5.6	-3/-3.7	0/-0.7	3/2.2	5/4.1	7/6
RXYSCQ4TMV1B							
RXYSCQ5TMV1B							
RXYSQ4T7V1B							
RXYSQ5T7V1B							
RXYSQ6T7V1B	0,88	0,86	0,80	0,75	0,76	0,82	1,00
RXYSQ4T7Y1B							
RXYSQ5T7Y1B							
RXYSQ6T7Y1B							
RXYSQ6T7Y1B9							
RXYSQ8TMY1B	0,95	0,93	0,88	0,84	0,85	0,90	1,00
RXYSQ10TMY1B	0,95	0,93	0,87	0,79	0,80	0,88	1,00
RXYSQ12TMY1B	0,95	0,92	0,87	0,75	0,76	0,85	1,00

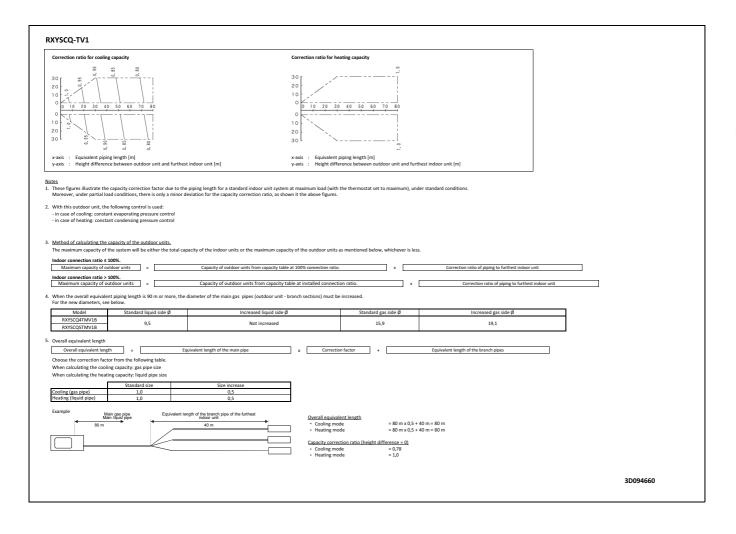


- The figure shows the integrated heating capacity for a single cycle (from one defrost operation to the next).

 When there is an accumulation of snow against the outdoor unit heat exchanger, there will always be a temporary reduction in capacity depending on the outdoor temperature (°C DB), relative humidity (RH) and the amount of frosting which occurs.

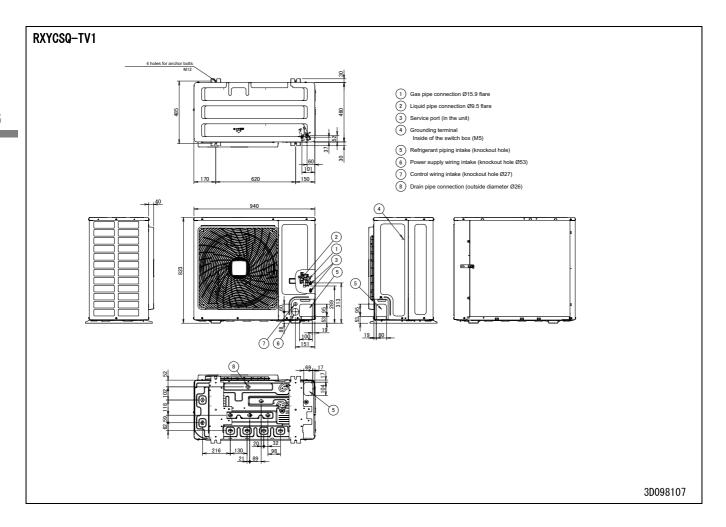
5 Capacity tables

5 - 3 Capacity Correction Factor



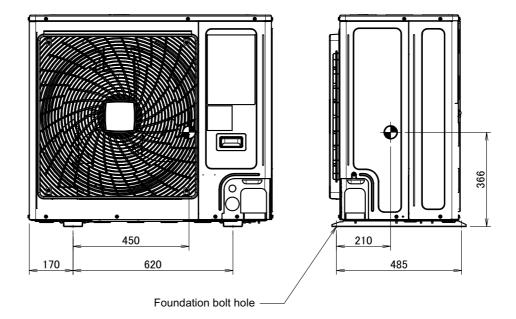
Dimensional drawingsDimensional Drawings

6 - 1



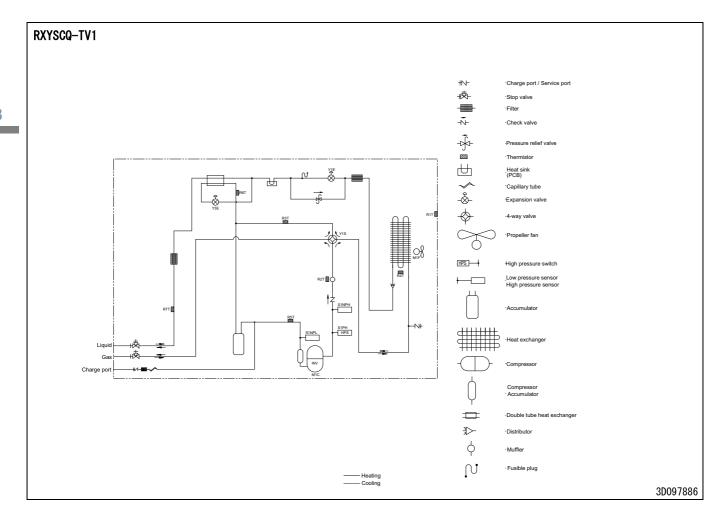
Centre of gravity Centre of Gravity **7** 7 - 1

RXYSCQ-TV1



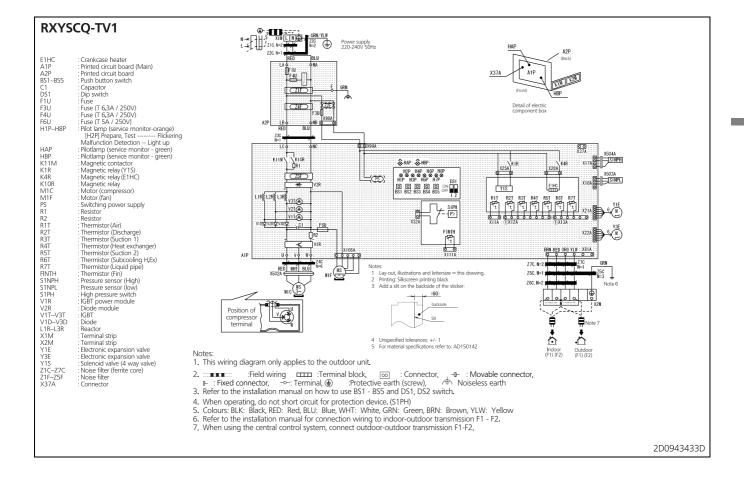
Piping diagramsPiping Diagrams 8

8 - 1

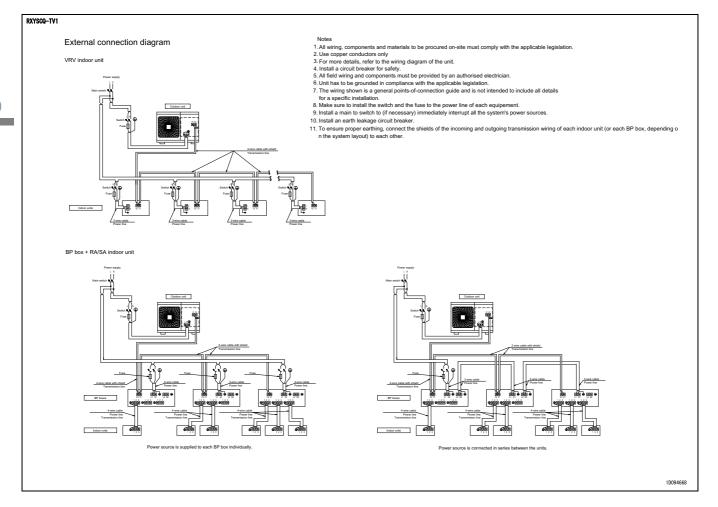


9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

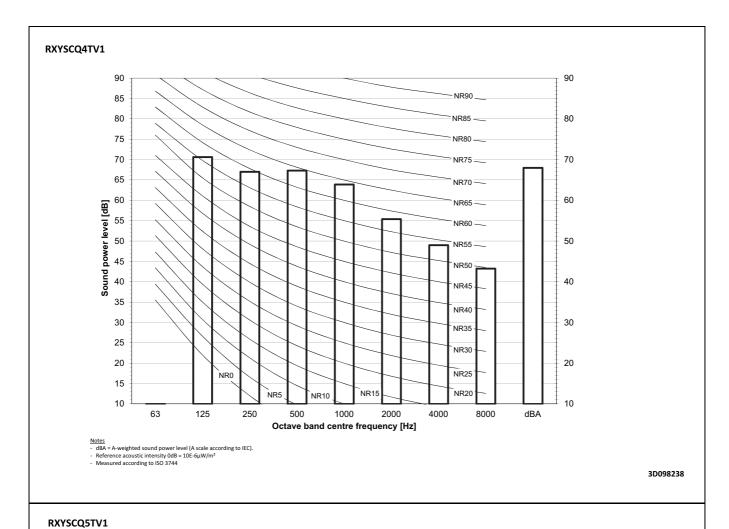


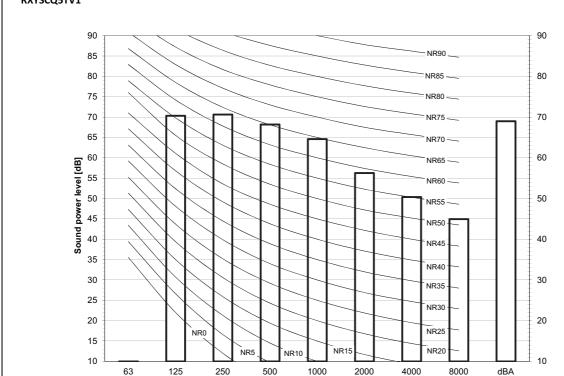
10 External connection diagrams10 - 1 External Connection Diagrams



Sound data

11 - 1 Sound Power Spectrum





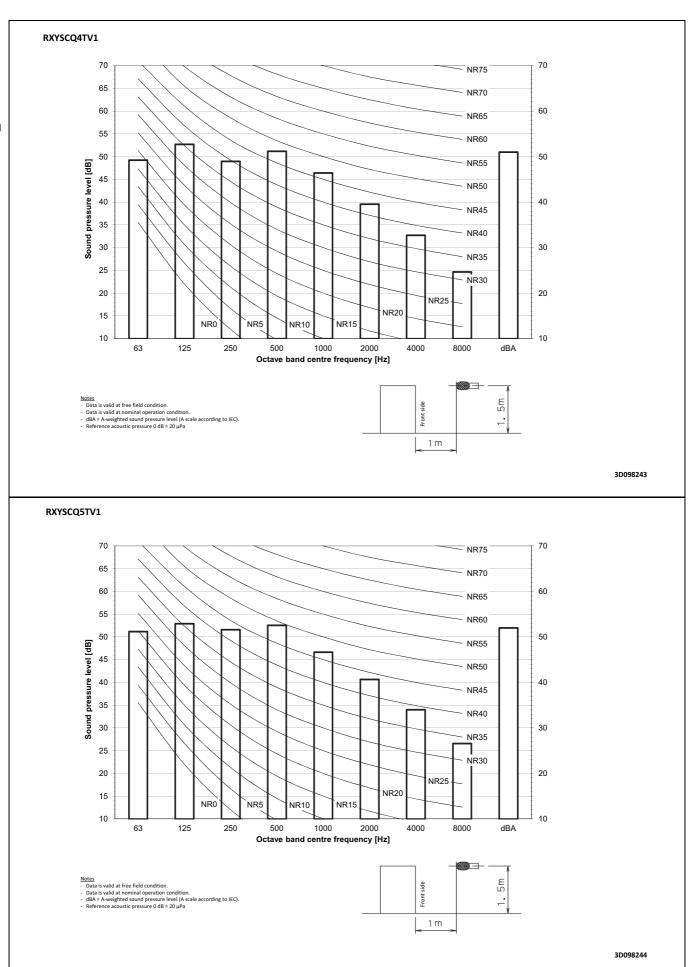
Octave band centre frequency [Hz]

 $\label{eq:Notes} \frac{Notes}{dBa=A\text{-weighted sound power level (A scale according to IEC)}.$ - Reference acoustic intensity 0dB = 10E-6 μ W/m² - Measured according to ISO 3744

11

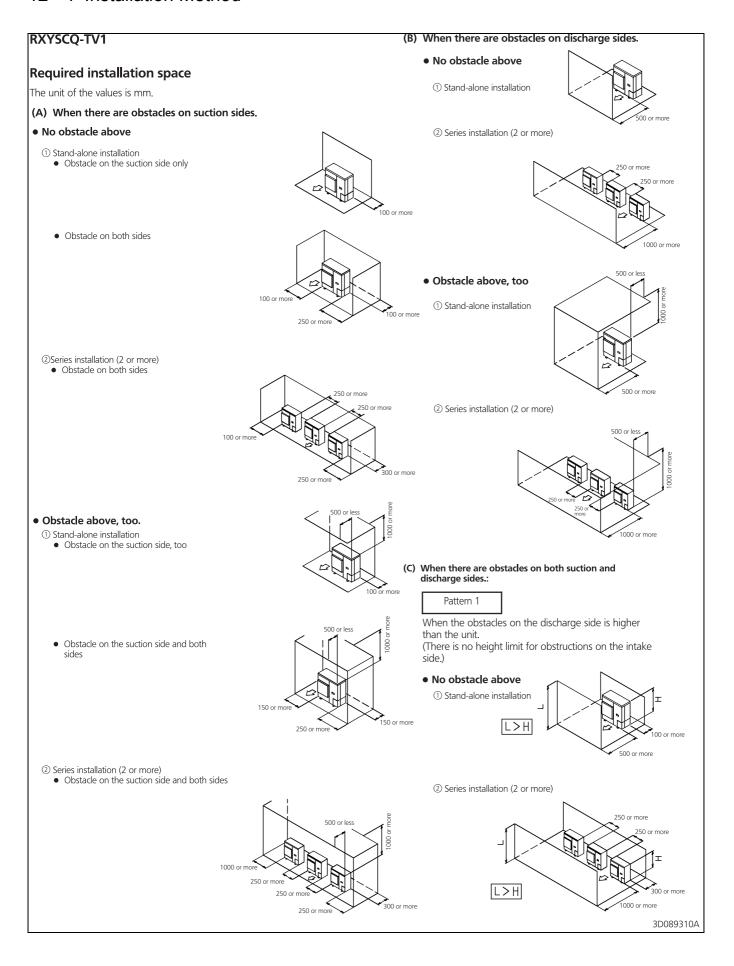
11 Sound data

11 - 2 Sound Pressure Spectrum



12 Installation

12 - 1 Installation Method



12

RXYSCQ-TV1

• Obstacle above, too

① Stand-alone installation

The relations between H, A and L are

	L	A				
I≤H	0 < L ≦ 1/2 H	750				
L≧H	1/2 H < L ≦ H	1000				
H <l< th=""><th colspan="6">Set the stand as : L ≦ H</th></l<>	Set the stand as : L ≦ H					

Close the bottom of the installation frame to prevent the discharged air from being bypassed.

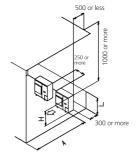
② Series installation (2 or more)

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

	L	A
I≤H	0 < L ≦ 1/2 H	1000
L an	1/2 H < L ≦ H	1250
H <l< th=""><th>Set the stand</th><th>las:L≦ H</th></l<>	Set the stand	las:L≦ H

Close the bottom of the installation frame to prevent the discharged air from being bypassed.

Only two units can be installed for this



500 or les

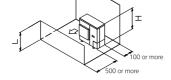
Pattern 2

When the obstacle on the discharge side is lower than the unit:

(There is no height limit for obstructions on the intake side.)

No obstacle above

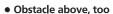
① Stand-alone installation



② Series installation (2 or more)

The relations between H, A

	A	L
f	250	0 < L ≦ 1/2 H
긔	300	1/2 H < L ≦ H
	300	1/2 H < L ≦ H



① Stand-alone installation

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

	L	А	
L≦H	0 < L ≦ 1/2 H	100	500 or less
L = n	1/2 H < L ≦ H	200	
H < L	Set the stand	las:L≦ H	
	the bottom of t to prevent the being bypassed.		1000 or more

2 Series installation

The relations between H, A and L are as

	L	A
L≤H	0 < L ≦ 1/2 H	250
L = 11	1/2 H < L ≦ H	300
H <l< th=""><th>Set the stand</th><th>las:L≦ H</th></l<>	Set the stand	las:L≦ H

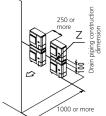
Close the bottom of the installation frame to prevent the discharged air from being bypassed.

Only two units can be installed for this series.

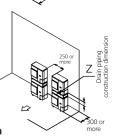
(D) Double-decker installation

① Obstacle on the discharge side. Close the gap Z (the gap between the upper and lower outdoor units) to prevent the discharged air from being bypassed.
Do not stack more than two unit.

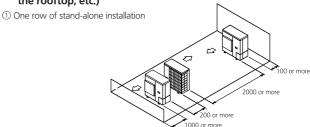




500 or les



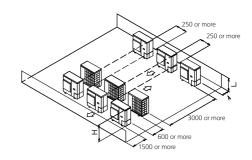
(E) Multiple rows of series installation (on the rooftop, etc.)



(2) Rows of series installation (2 or more)

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

	Į	А
L≦H	0 < L ≦ 1/2 H	250
L≧H	1/2 H < L ≦ H	300
H <l< th=""><th>Can not be</th><th>installed</th></l<>	Can not be	installed



3D089310A

Installation 12

12 - 2 Refrigerant Pipe Selection

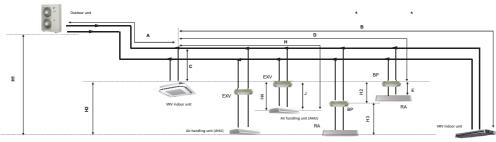
RXYSCQ-TV1 RXYSQ-TV1 RXYSQ-TY1

		Maximum p	iping length	Maximum heig	ght difference	
For the refere	nce drawing, see page ·2/3·.	Longest pipe (A+[B,D+E,H]) Actual / (Equivalent)	After first branch (B,D+E,H) Actual	Indoor-to-outdoor (H1) Outdoor above indoor / (indoor above outdoor)	Indoor-to-indoor (H2)	Total piping length
Standard	RXYSCQ4~5TMV1B	70/(90)m	40m	30/(30)m	15m	300m
·VRV DX· indoor units only	RXYSQ4~6T7(V/Y)1B	120/(150)m	40m	50/(40)m	15m	300m
1	RXYSQ8TMY1B	100/(130)m	40m	50/(40)m	15m	300m
	RXYSQ10~12TMY1B	120/(150)m	40m	50/(40)m	15m	300m
	RXYSCQ4~5TMV1B	35/(45)m	40m	30/(30)m	15m	140m
	RXYSQ4~6T7(V/Y)1B	65/(85)m	40m	30/(30)m	15m	140m
-RA- connection	RXYSQ8TMY1B	80/(100)m	40m	30/(30)m	15m	140m
	RXYSQ10~12TMY1B	80/(100)m	40m	30/(30)m	15m	140m
	Pair	50/(55)m (1)	-	40/(40)m	-	-
Air handling unit (·AHU·)	Multi (2)	50/(55)m (1)	40m	40/(40)m	15m	300m
connection	Mix (3)	50/(55)m (1)	40m	40/(40)m	15m	300m

- Notes
 1. The allowable minimum length is -5·m.
 2. Multiple air handling units (-AHU-)[-EKEXV·+-EKEQ- kits).
 3. Mix of air handling units (-AHU-) and -VRV DX- indoor units.

3D097984





Notes

1. Schematic indication
illustrations may differ from the actual appearance of the unit.

2. This is only to illustrate piping length limitations.

Refer to combination table -3D097983- for details about the allowed combinations.

		Ī	Allowed piping length Maximum height difference		ght difference	
			-BP- to -RA- (E)	·EXV· to ·AHU· (J)	·BP· to ·RA· (H3)	·EXV· to ·AHU· (H4)
-RA- connection		2~15m	-	5m	-	
	Pair		=	≤5m	=	5m
Air handling unit (AHU)	Multi	(1)	-	≤5m	-	5m
Connection	Mix	(2)	=	≤5m	-	5m

12 - 2 Refrigerant Pipe Selection

RXYSCQ-TV1 RXYSQ-TV1 RXYSQ-TY1

System pattern		Total	Allowed capacity		
Allowed connection ratio (CR) Other combinations are not allowed.	Capacity	Maximum allowed amount of connectable indoor units (-VRV, RA, AHU-) Excluding -BP- units and including -EXV- kits.	VRV DX indoor unit	·RA DX· indoor unit	Air handling unit (AHU)
·VRV DX· indoor units only	50~130%	Maximum ·64-	50~130%	•	-
·RA DX· indoor units only	80~130%	Maximum ·32· (1)	-	80~130%	-
·VRV DX· indoor unit + ·AHU· Mix	50~110% (3)	Maximum ·64- (2)	50~110%	-	0~110%
-AHU- only Pair + multi (4)	90~110% (3)	Maximum ·64· (2)	-	-	90~110%

- Notes

 1. There is no restriction on the number of connectable -BP- boxes.

 2. -EKEXV- kits are also considered indoor units.

 3. Restrictions regarding the air handling unit capacity

 4. Pair AHU = system with 1 air handling unit connected to one outdoor unit

 Multi AHU = system with multiple air handling units connected to one outdoor unit

- bout ventilation applications

 I. •FXMQ_MF- units are considered air handling units, following air handling unit limitations.

 Maximum connection ratio when combined with -VRV DX- indoor units: -CR ≤ 30-%.

- Maximum connection ratio when combined with VRV DX: indoor units: CR ≤ 30 %.

 Maximum connection ratio when only air handling units are connected: CR ≤ 100 %.

 Minimum connection ratio when only -FXMQ_MF: units are connected: CR ≤ 50 %.

 For information on the operation range, refer to the documentation of the -FXMQ_MF: unit.

 II. -Biddle: air cutains are considered air handling units, following air handling unit limitations:
 For information on the operation range, refer to the documentation of the -Biddle: unit.

 III. -FXEXY + EXEQ: units combined with an air handling unit are considered air handling units, following air handling unit limitations.
 For information on the operation range, refer to the documentation of the -EXEXY-EXEQ: unit.

 IV. -VXMM-units are considered to be regular -VXV DX: indoor units.
 For information on the operation range, refer to the documentation of the -VXMM- units.

 V. Because there is no refrigerant connection with the outdoor unit (only communication of 11/2), -VAM- units do not have connection limitations.

 However, since there is communication via F1/F2, count them as regular indoor unit when calculating the maximum allowed number of connectable indoor units.

3D097984

12

13 Operation range

13 - 1 Operation Range

RXYSCQ-TV1 RXYSQ-TV1 RXYSQ4-6TY1 Notes 1. These figures assume the following operation conditions Indoor and outdoor units Equivalent biping length: 5m Level difference: 0m 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. Operation range is valid in case direct expansion indoor units are used. If other indoor units are used, refer to the documentation of the respective indoor units. 5. If the unit is selected to operate at ambient temperatures <-5°C for 5 days or more, with relative humidity levels >95%, it is recommended to apply a Daikin range specifically designed for such application. For more information, contact your dealer. Cooling Heating 45 35 10 Outdoor temperature [°C WB] Outdoor temperature [°C DB] 25 Operation range Pull-down -5 10 -10 F. 25 30 15 10 15 20 10 20 25 Indoor temperature [°C WB] Indoor temperature [°C DB] 3D094664









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