



January 2018

**R-410A**

**Engineering Data**



**RXSQ24-60TAVJU**



**Heat Pump 208/230V / 60 Hz / 1 ph**

**Presales Manual**  
DAIKIN NORTH AMERICA LLC

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RXSQ\_TAVJU

# VRV LIFE™ Heat Pump Unit

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# 1. Features and Benefits

Re-inventing residential air-conditioning by breaking technological barriers, VRV LIFE™ brings inverter driven VRV to solve some of the age-old single-family HVAC challenges.

- Available in 2, 3, 4 and 5 ton models
- Superior zoning capabilities with 1 to 1 and 1 to multi connections
- Broader diversity with ability to provide cooling and heating in up to 9\* zones
- Flexibility to choose heat pump or gas furnace or Dual-fuel<sup>†</sup> heating capability
- Customizable and programmable temperatures to switch from heat pump to gas furnace heat
- Compatible with all the 12 types and 65 models of Daikin VRV indoor fan coil units
- Dependable heat pump operation in extreme ambient conditions down to -4°F in heating and up to 122°F in cooling mode
- Year round comfort and energy efficiency delivered by combining VRV and VRT technologies
- Quiet operation with sound levels of under 58 dBA makes for easy install close to Lot lines
- Space saving compact design allows up to 75%\* reduction in install space
- Reduced installation cost with re-use of existing refrigerant lines and uninsulated liquid line\*
- Engineered with Daikin's Swing compressor technology
- Backed by best in class 10 year parts limited warranty and 10 years replacement compressor limited warranty \*\*



\* Model specific, refer to details in engineering manual

\*\* Complete warranty details available from local distributor or manufacturer's rep

## 2. Specifications

### 2.1 RXSQ24TAVJU / RXSQ36TAVJU

Model Name			RXSQ24TAVJU	RXSQ36TAVJU
Power Supply			1 phase, 208/230 V, 60 Hz	1 phase, 208/230 V, 60 Hz
*1 Cooling Capacity	Btu / h (kW)	Nominal	24,000 (7.0)	36,000 (10.6)
		Rated	23,000 (6.7)	34,200 (10.0)
*2 Heating Capacity	Btu / h (kW)	Nominal	27,000 (7.9)	40,000 (11.7)
		Rated	Non-Ducted: 25,800 (7.6) Ducted: 25,000 (7.3)	37,000 (10.8)
Casing Color			Ivory White	Ivory White
Dimensions: (HxWxD)		in. (mm)	39 x 37 x 12-5/8 (990 x 940 x 320)	39 x 37 x 12-5/8 (990 x 940 x 320)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Compressor	Type		Hermetically Sealed Swing Type	Hermetically Sealed Swing Type
	Motor Output	kW	1.9	1.9
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	0.200	0.200
	Airflow Rate	cfm (m <sup>3</sup> /min)	2,682 (76)	2,682 (76)
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	in. (mm)	φ 3/8 (9.5) C1220T (Flare Connection)	φ 3/8 (9.5) C1220T (Flare Connection)
	Gas Pipe	in. (mm)	φ 5/8 (15.9) C1220T (Flare Connection)	φ 5/8 (15.9) C1220T (Flare Connection)
Weight		lbs (kg)	172 (78)	172 (78)
*3 Sound Pressure Level (Reference Data)	Cooling	dBA	58	58
	Heating	dBA	61	61
*3 Sound Power Level (Reference Data)	Cooling	dB	75	75
	Heating	dB	79	79
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Inverter Overload Protector, Fusible Plug, Fuse	High Pressure Switch, Fan Driver Overload Protector, Inverter Overload Protector, Fusible Plug, Fuse
Defrost Method			Reverse Cycle Defrosting	Reverse Cycle Defrosting
Capacity Control		%	14-100	14-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	lbs (kg)	6.4 (2.9)	6.4 (2.9)
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Standard Accessories			Installation Manual, Operation Manual, Drain Socket, Clamps	Installation Manual, Operation Manual, Drain Socket, Clamps
Drawing No.	Specification		C: 4D109792A	C: 4D109792A
	Sound Level	Cooling	C: 4D109800	C: 4D101947C
		Heating	C: 4D109818	C: 4D101948C

**Notes:**

\*1 Indoor temp.: 80°FDB (26.7°CDB), 67°FWB (19.4°CWB) / outdoor temp.: 95°FDB (35.0°CDB) / Equivalent piping length: 25 ft (7.6m), level difference: 0.

\*2 Indoor temp.: 70°FDB (21.1°CDB) / outdoor temp.: 47°FDB (8.3°CDB), 43°FWB (6.1°CWB) / Equivalent piping length: 25 ft (7.6m), level difference: 0.

\*3 Anechoic chamber conversion value, measure under ISO standard conditions. During actual operation, these values may be higher as a result of ambient conditions.

## 2.2 RXSQ48TAVJU / RXSQ60TAVJU

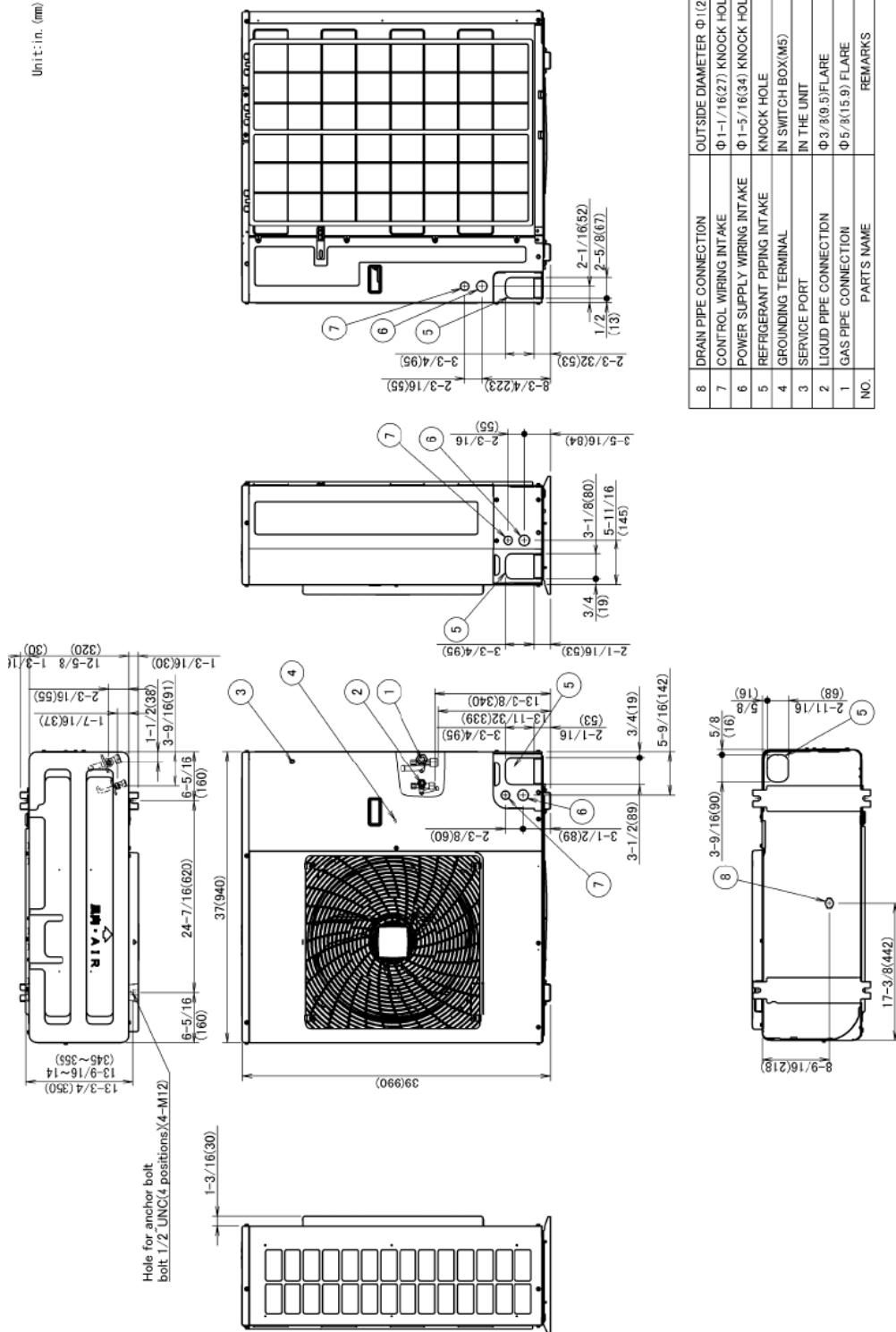
Model Name			RXSQ48TAVJU	RXSQ60TAVJU
Power Supply			1 phase, 208/230 V, 60 Hz	1 phase, 208/230 V, 60 Hz
*1 Cooling Capacity	Btu/h (kW)	Nominal	48,000 (14.1)	57,500 (16.9)
		Rated	45,500 (13.3)	57,500 (16.9)
*2 Heating Capacity	Btu/h (kW)	Nominal	52,000 (15.2)	57,000 (16.7)
		Rated	49,500 (14.5)	57,000 (16.7)
Casing Color			Ivory White	Ivory White
Dimensions: (HxWxD)		in. (mm)	39 x 37 x 12-5/8 (990 x 940 x 320)	52-15/16 x 35-7/16 x 12-5/8 (1,345 x 900 x 320)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Compressor	Type		Hermetically Sealed Swing Type	Hermetically Sealed Swing Type
	Motor Output	kW	3.0	3.5
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	0.200	0.070 x 2
	Airflow Rate	cfm (m <sup>3</sup> /min)	2,682 (76)	3,741 (106)
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	in. (mm)	φ 3/8 (9.5) C1220T (Flare Connection)	φ 3/8 (9.5) C1220T (Flare Connection)
	Gas Pipe	in. (mm)	φ 5/8 (15.9) C1220T (Flare Connection)	φ 3/4 (19.1) C1220T (Flare Connection)
Weight		lbs (kg)	176 (80)	225 (102)
*3 Sound Pressure Level (Reference Data)	Cooling	dBA	58	57
	Heating	dBA	61	59
*3 Sound Power Level (Reference Data)	Cooling	dB	76	74
	Heating	dB	78	77
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Inverter Overload Protector, Fusible Plug, Fuse	High Pressure Switch, Fan Driver Overload Protector, Inverter Overload Protector, Fusible Plug, Fuse
Defrost Method			Reverse Cycle Defrosting	Reverse Cycle Defrosting
Capacity Control		%	14-100	14-100
Refrigerant	Refrigerant Name		R410A	R410A
	Charge	lbs (kg)	7.5 (3.4)	7.9 (3.6)
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Standard Accessories			Installation Manual, Operation Manual, Drain Socket, Clamps	Installation Manual, Operation Manual, Drain Socket, Clamps, Auxiliary Piping
Drawing No.	Specification		C: 4D109743A	C: 4D109794A
	Sound Level	Cooling	C: 4D102719B	C: 4D101949C
		Heating	C: 4D102720B	C: 4D101950C

**Notes:**

- \*1 Indoor temp.: 80°FDB (26.7°CDB), 67°FWB (19.4°CWB) / outdoor temp.: 95°FDB (35.0°CDB) / Equivalent piping length: 25 ft (7.6 m), level difference: 0.
- \*2 Indoor temp.: 70°FDB (21.1°CDB) / outdoor temp.: 47°FDB (8.3°CDB), 43°FWB (6.1°CWB) / Equivalent piping length: 25 ft (7.6 m), level difference: 0.
- \*3 Anechoic chamber conversion value, measure under ISO standard conditions. During actual operation, these values may be higher as a result of ambient conditions.

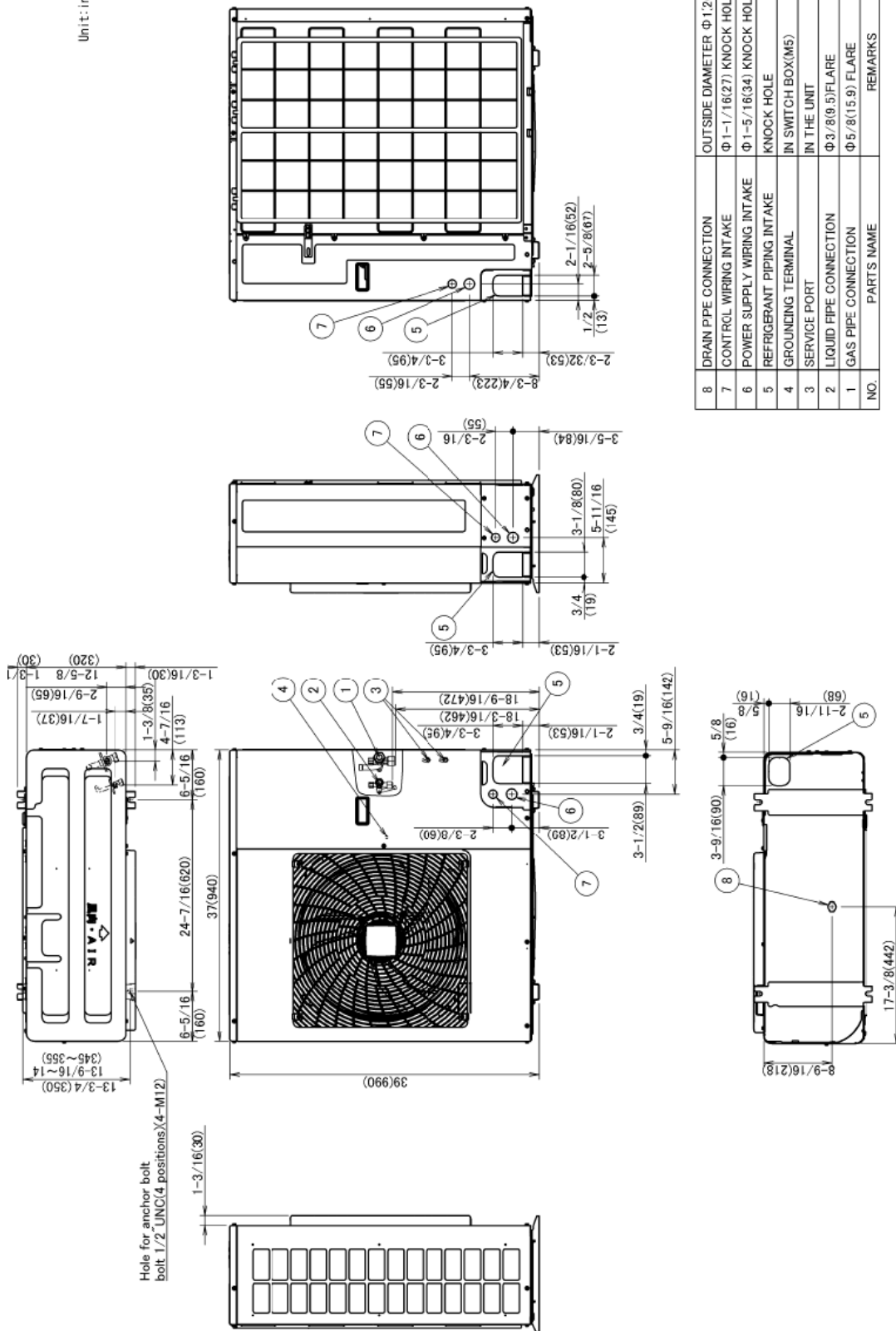
### 3. Dimensions

#### 3.1 RXSQ24TAVJU / RXSQ36TAVJU



### 3.2 RXSQ48TAVJU

Unit: in. (mm)

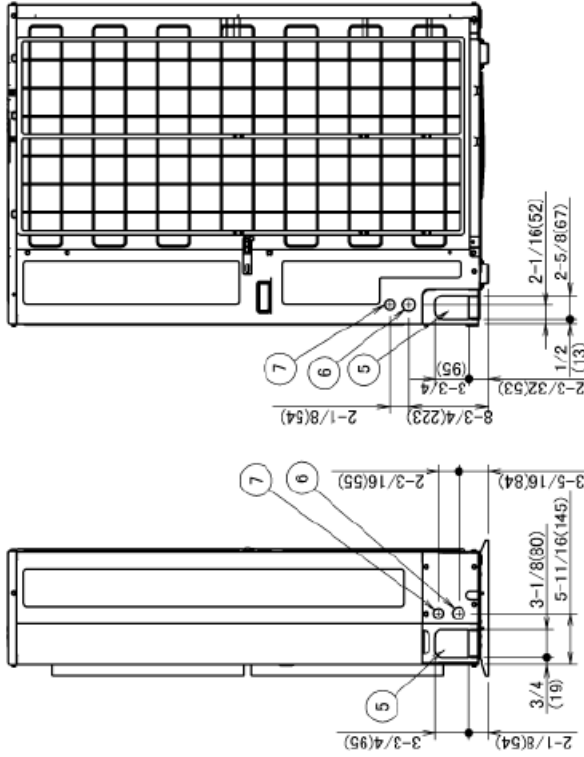
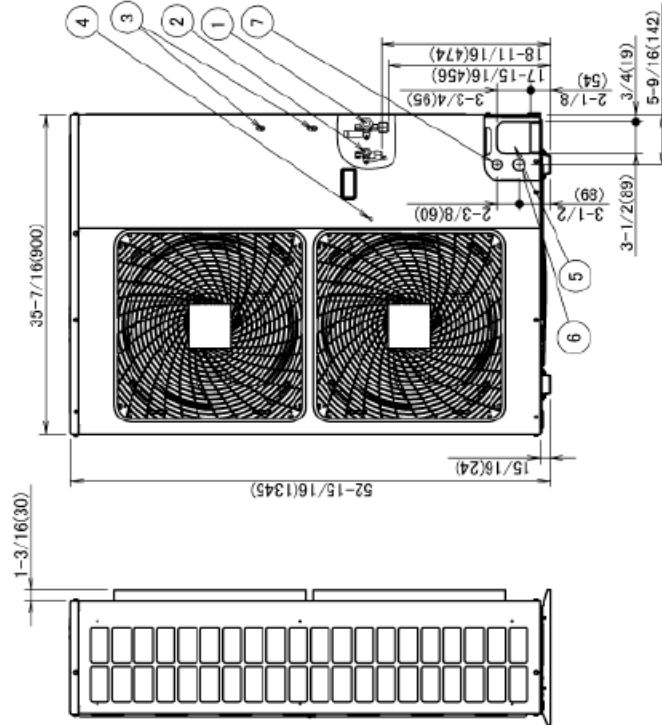
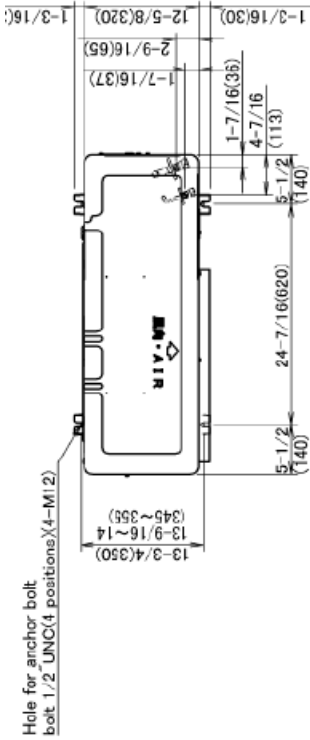


NO.	PARTS NAME	REMARKS
8	DRAIN PIPE CONNECTION	OUTSIDE DIAMETER $\Phi$ 1.26
7	CONTROL WIRING INTAKE	$\Phi$ 1-1/16(27) KNOCK HOLE
6	POWER SUPPLY WIRING INTAKE	$\Phi$ 1-5/16(34) KNOCK HOLE
5	REFRIGERANT PIPING INTAKE	KNOCK HOLE
4	GROUNDING TERMINAL	IN SWITCH BOX(M5)
3	SERVICE PORT	IN THE UNIT
2	LIQUID PIPE CONNECTION	$\Phi$ 3/8(9.5)FLARE
1	GAS PIPE CONNECTION	$\Phi$ 5/8(15.9) FLARE

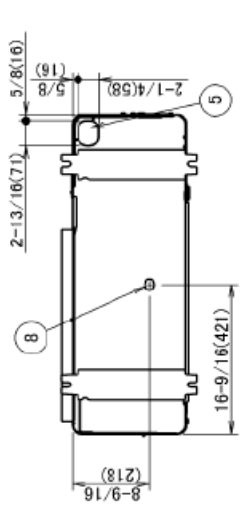
3.3 RXSQ60TAVJU

Unit: in. (mm)

NOTE: GAS PIPE CONNECTION IS IN THE ACCESSORY SET.  
LIQUID PIPE CONNECTION IS THE SITE PROVIDED.



NO.	PARTS NAME	REMARKS
8	DRAIN PIPE CONNECTION	OUTSIDE DIAMETER Φ1(26)
7	CONTROL WIRING INTAKE	Φ1-1/16(27) KNOCK HOLE
6	POWER SUPPLY WIRING INTAKE	Φ1-5/16(34) KNOCK HOLE
5	REFRIGERANT PIPING INTAKE	KNOCK HOLE
4	GROUNDING TERMINAL	IN SWITCH BOX(MS)
3	SERVICE PORT	IN THE UNIT
2	LIQUID PIPE CONNECTION	Φ3/8(9.5)FLARE
1	GAS PIPE CONNECTION	Φ5/8(15.9) FLARE





# 4. Service Space

## 4.1 RXSQ24TAVJU / RXSQ36TAVJU / RXSQ48TAVJU

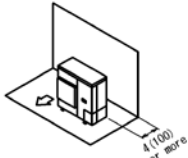
**REQUIRED INSTALLATION SPACE**

The unit of the values is inch(mm).

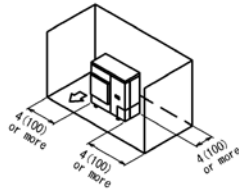
**1. Where there is an obstacle on the suction side:**

**(a) No obstacle above**

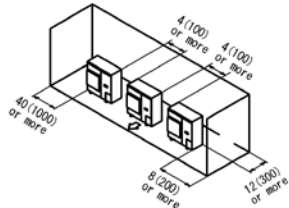
- (1) Stand-alone installation
- Obstacle on the suction side only



- Obstacle on both sides

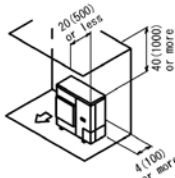


- (2) Series installation
- (2 or more)
- Obstacle on both sides

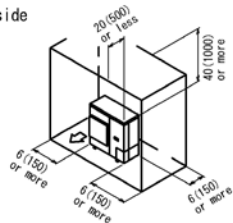


**(b) Obstacle above, too**

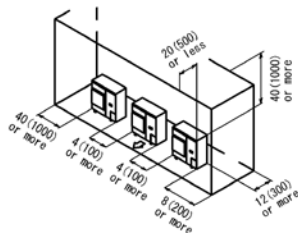
- (1) Stand-alone installation
- Obstacle on the suction side, too



- Obstacle on the suction side and both sides



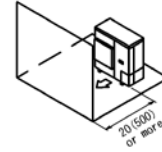
- (2) Series installation
- (2 or more)
- Obstacle on the suction side and both sides



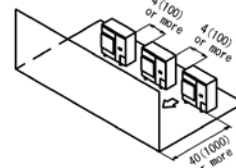
**2. Where there is an obstacle on the discharge side:**

**(a) No obstacle above**

- (1) Stand-alone installation

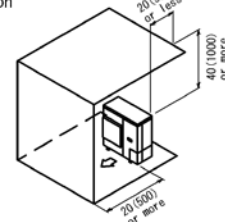


- (2) Series installation
- (2 or more)

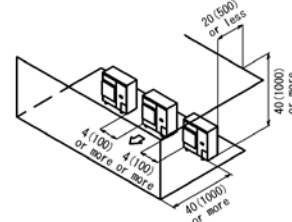


**(b) Obstacle above, too**

- (1) Stand-alone installation



- (2) Series installation
- (2 or more)



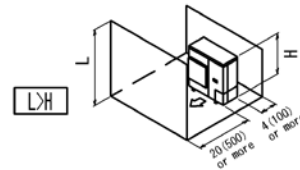
**3. Where there are obstacles on both suction side and discharge sides:**

**Pattern 1**

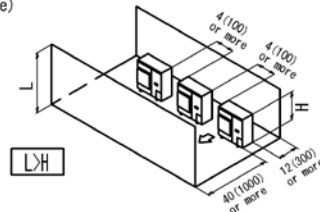
Where the obstacles on the discharge side is higher than the unit:  
(There is no height limit for obstructions on the intake side.)

**(a) No obstacle above**

- (1) Stand-alone installation



- (2) Series installation
- (2 or more)



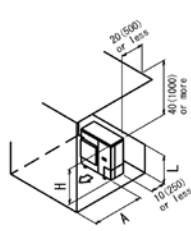
(b) Obstacle above, too

(1) Stand-alone installation

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

	L	A
$L \leq H$	$0 < L \leq 1/2H$	30 (750)
	$1/2H < L \leq H$	40 (1000)
$H < L$	Set the stand as: $L \leq H$	

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

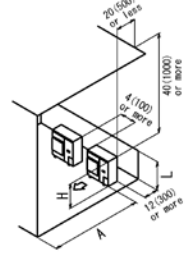


(2) Series installation  
(2 or more)

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

	L	A
$L \leq H$	$0 < L \leq 1/2H$	40 (1000)
	$1/2H < L \leq H$	50 (1250)
$H < L$	Set the stand as: $L \leq H$	

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



Only two units can be installed for this series.

Pattern 2

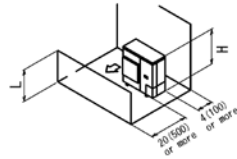
Where the obstacles on the discharge side is lower than the unit:  
(There is no height limit for obstructions on the intake side.)

(a) No obstacle above

(1) Stand-alone installation

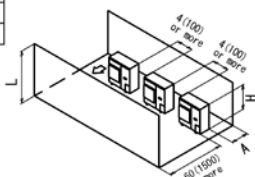


(2) Series installation  
(2 or more)



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

	L	A
$L \leq H$	$0 < L \leq 1/2H$	10 (250)
	$1/2H < L \leq H$	12 (300)



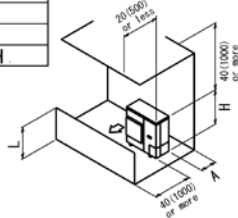
(b) Obstacle above, too

(1) Stand-alone installation

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

	L	A
$L \leq H$	$0 < L \leq 1/2H$	4 (100)
	$1/2H < L \leq H$	8 (200)
$H < L$	Set the stand as: $L \leq H$	

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



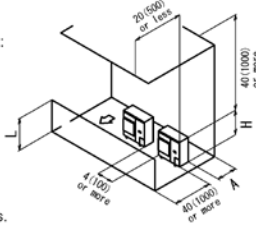
(2) Series installation

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

	L	A
$L \leq H$	$0 < L \leq 1/2H$	10 (250)
	$1/2H < L \leq H$	12 (300)
$H < L$	Set the stand as: $L \leq H$	

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

Only two units can be installed for this series.

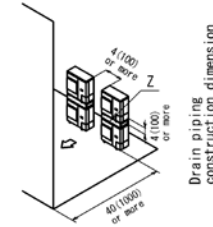


4. Double-decker installation

(a) 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.

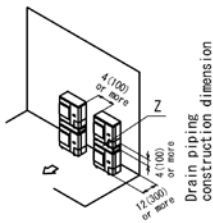


Drain piping construction dimension

(b) Obstacle on the suction side

Close the gap Z (the gap between the upper and lower outdoor units) to prevent the discharged air from being bypassed.

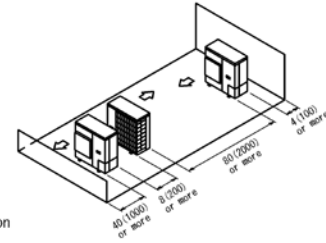
Do not stack more than two unit.



Drain piping construction dimension

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

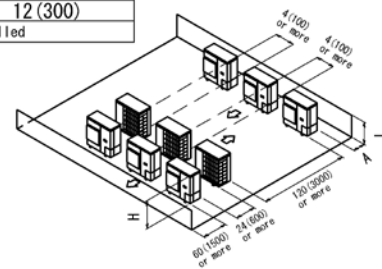
(a) One row of stand-alone installation



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

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

	L	A
$L \leq H$	$0 < L \leq 1/2H$	10 (250)
	$1/2H < L \leq H$	12 (300)
$H < L$	Cannot be installed	



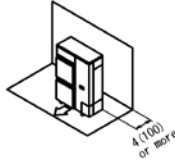
## 4.2 RXSQ60TAVJU

**REQUIRED INSTALLATION SPACE**  
The unit of the values is inch (mm).

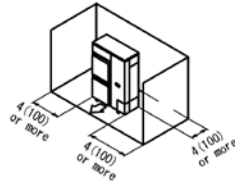
**1. Where there is an obstacle on the suction side:**

**(a) No obstacle above**

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

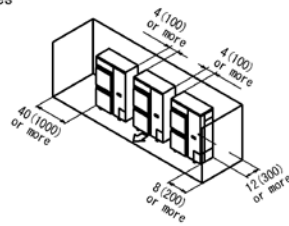


- Obstacle on both sides



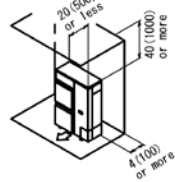
**(2) Series installation**

- (2 or more)
- Obstacle on both sides

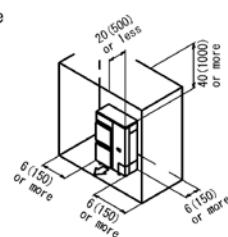


**(b) Obstacle above, too**

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

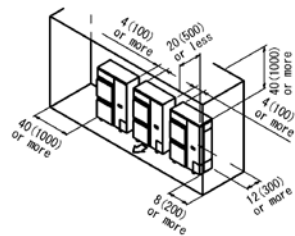


- Obstacle on the suction side and both sides



**(2) Series installation**

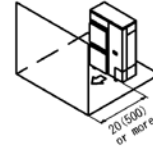
- (2 or more) (NOTE)
- Obstacle on the suction side and both sides



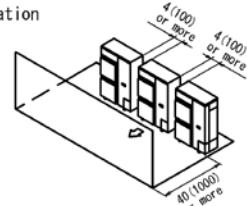
**2. Where there is an obstacle on the discharge side:**

**(a) No obstacle above**

- (1) Stand-alone installation

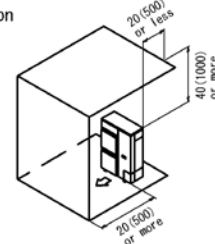


- (2) Series installation
- (2 or more)

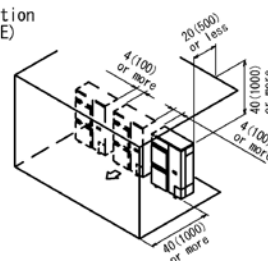


**(b) Obstacle above, too**

- (1) Stand-alone installation



- (2) Series installation
- (2 or more) (NOTE)



**3. Where there are obstacles on both suction side and discharge sides:**

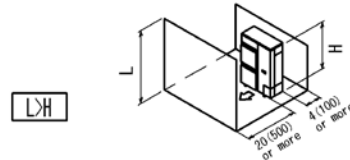
**Pattern 1**

Where the obstacles on the discharge side is higher than the unit:

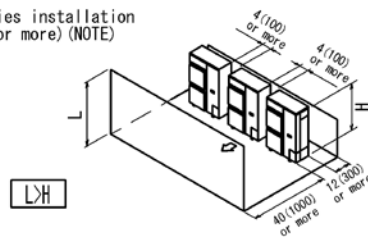
(There is no height limit for obstructions on the intake side.)

**(a) No obstacle above**

- (1) Stand-alone installation



- (2) Series installation
- (2 or more) (NOTE)



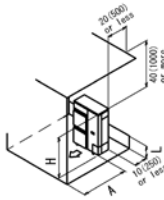
(b) Obstacle above, too

(1) Stand-alone installation

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

	L	A
$L \leq H$	$0 < L \leq 1/2H$	30 (750)
	$1/2H < L \leq H$	40 (1000)
$H < L$	Set the stand as: $L \leq H$	

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

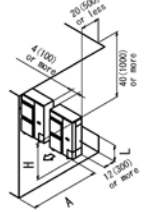


The relations between H, A and L are as follows:

	L	A
$L \leq H$	$0 < L \leq 1/2H$	40 (1000)
	$1/2H < L \leq H$	50 (1250)
$H < L$	Set the stand as: $L \leq H$	

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

Only two units can be installed for this series.



Pattern 2

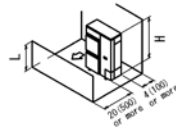
Where the obstacles on the discharge side is lower than the unit:  
(There is no height limit for obstructions on the intake side.)

(a) No obstacle above

(1) Stand-alone installation

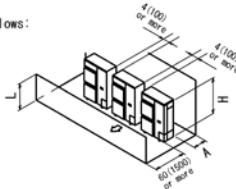
$L \leq H$

(2) Series installation  
(2 or more) (NOTE)



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

	L	A
$L \leq H$	$0 < L \leq 1/2H$	10 (250)
	$1/2H < L \leq H$	12 (300)



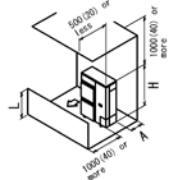
(b) Obstacle above, too

(1) Stand-alone installation

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

	L	A
$L \leq H$	$0 < L \leq 1/2H$	4 (100)
	$1/2H < L \leq H$	8 (200)
$H < L$	Set the stand as: $L \leq H$	

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



(NOTE) When install the units in a line, have to leave the distance over 4(100) between the two units.

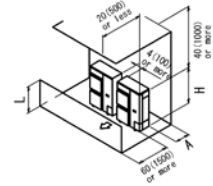
(2) Series installation (NOTE)

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

	L	A
$L \leq H$	$0 < L \leq 1/2H$	10 (250)
	$1/2H < L \leq H$	12 (300)
$H < L$	Set the stand as: $L \leq H$	

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

Only two units can be installed for this series.



4. Double-decker installation

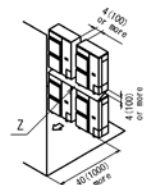
(a) Obstacle on the discharge side (NOTE)

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.

Set the board (field supply) as the detail A between two units to prevent the drainage from freezing.

Leave the enough space between the layer one and the board.



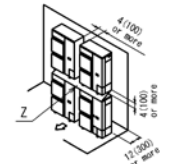
(b) Obstacle on the suction side (NOTE)

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.

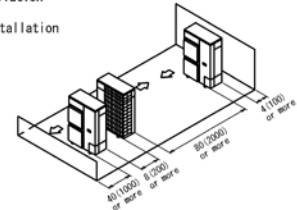
Set the board (field supply) as the detail A between two units to prevent the drainage from freezing.

Leave the enough space between the layer one and the board.



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

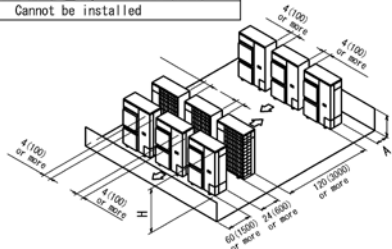
(a) One row of stand-alone installation



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

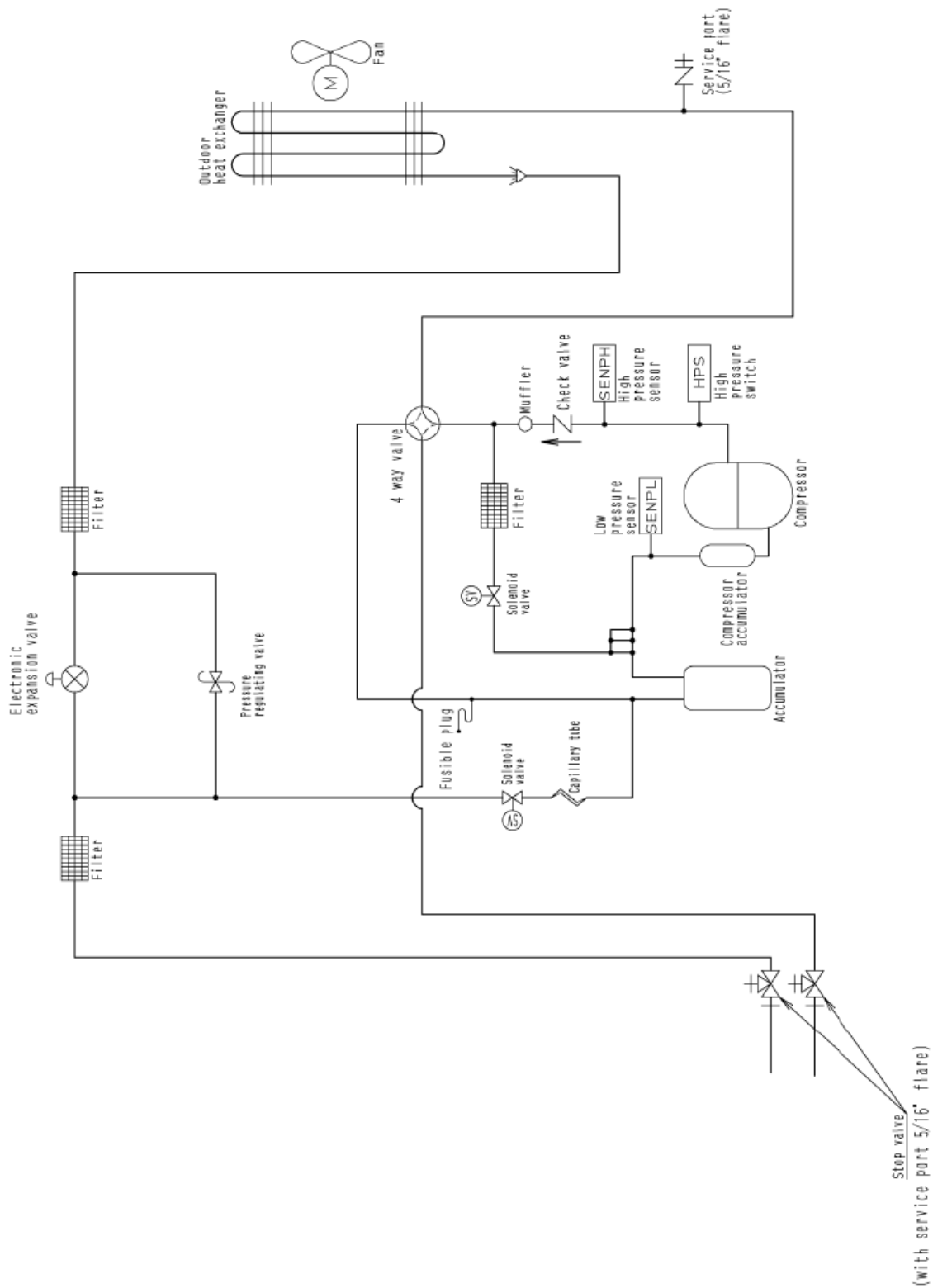
The relations between H, A and L are as follows:

	L	A
$L \leq H$	$0 < L \leq 1/2H$	10 (250)
	$1/2H < L \leq H$	12 (300)
$H < L$	Cannot be installed	

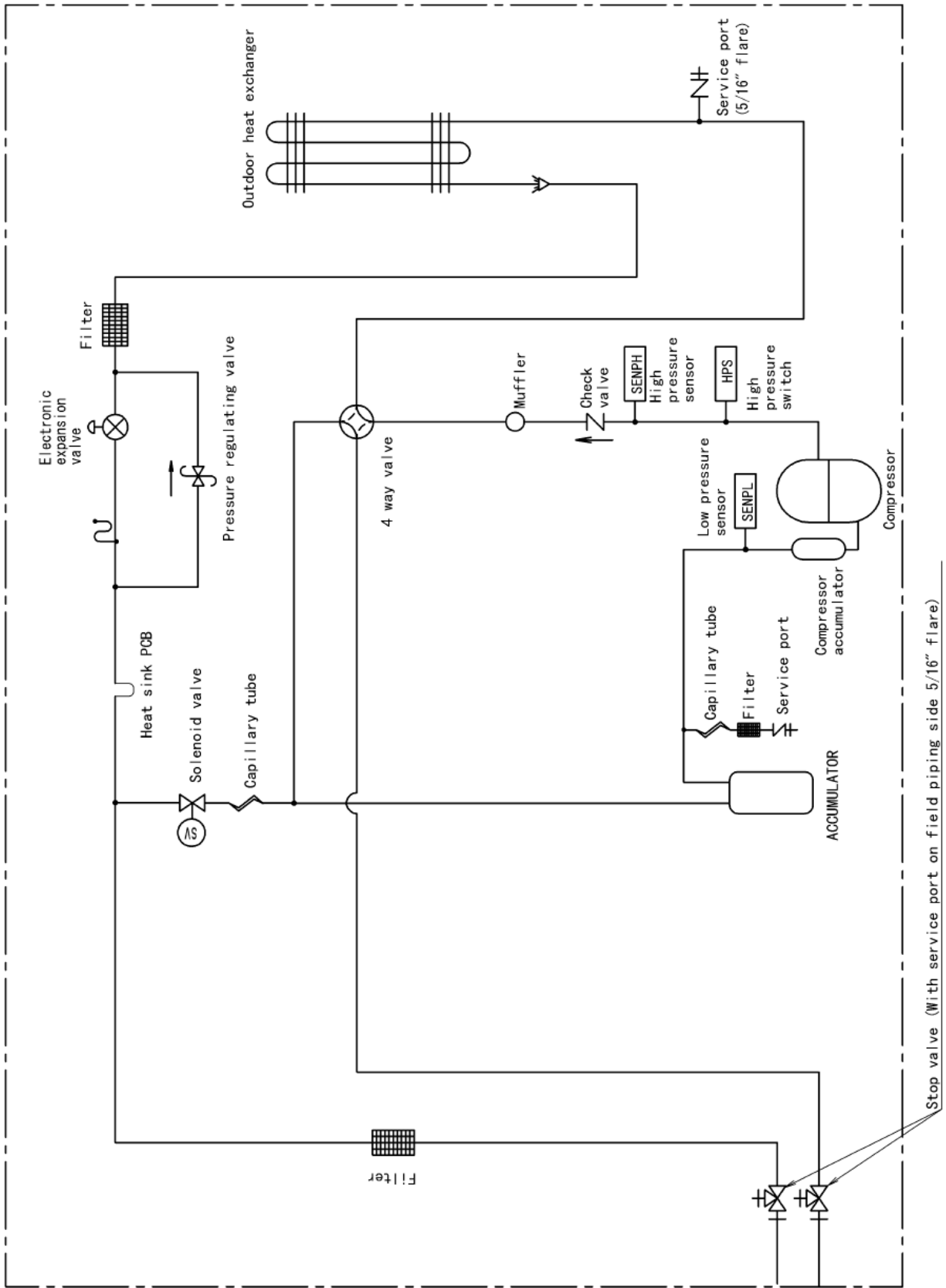


## 5. Piping Diagram

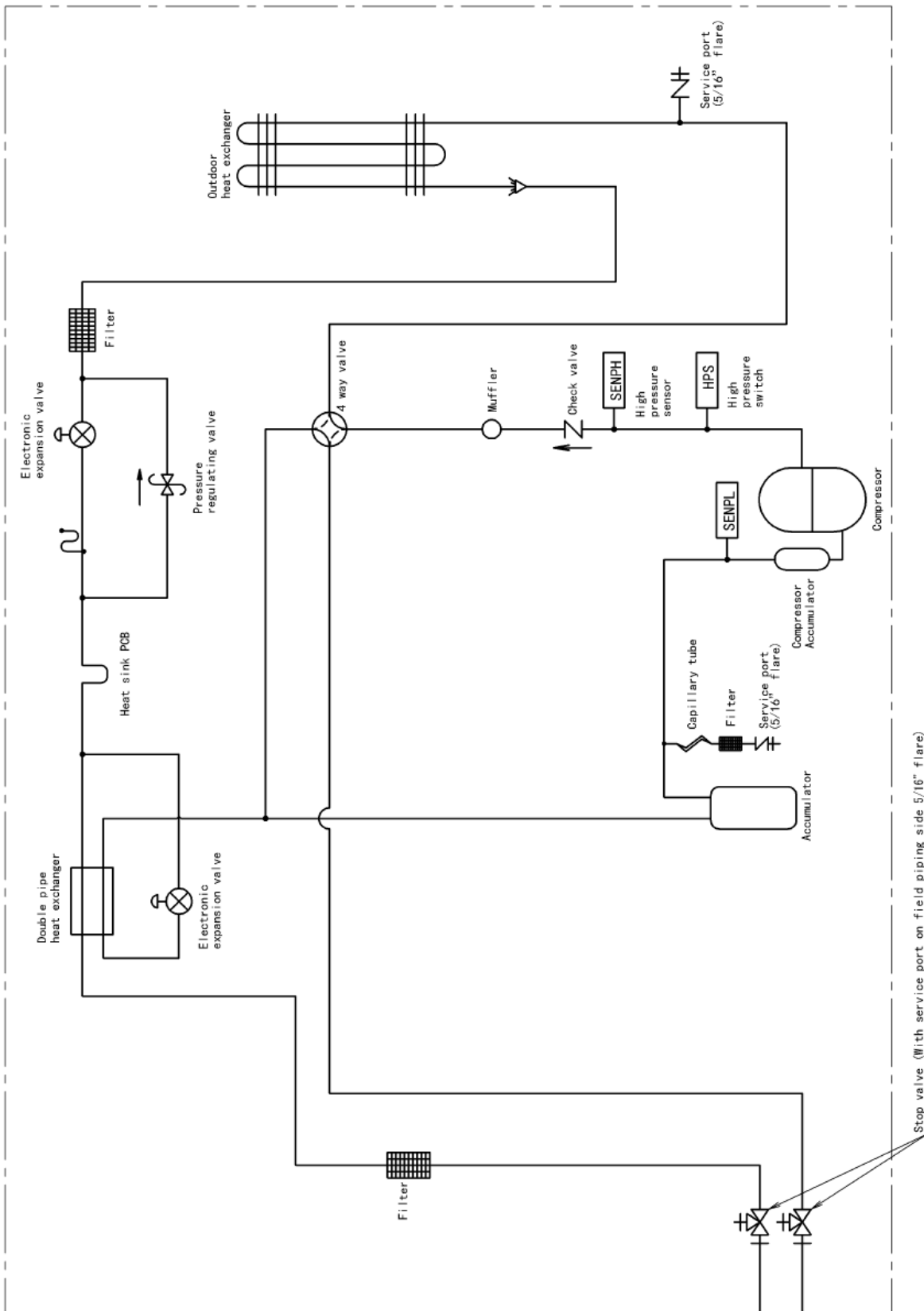
### 5.1 RXSQ24TAVJU / RXSQ36TAVJU



5.2 RXSQ48TAVJU

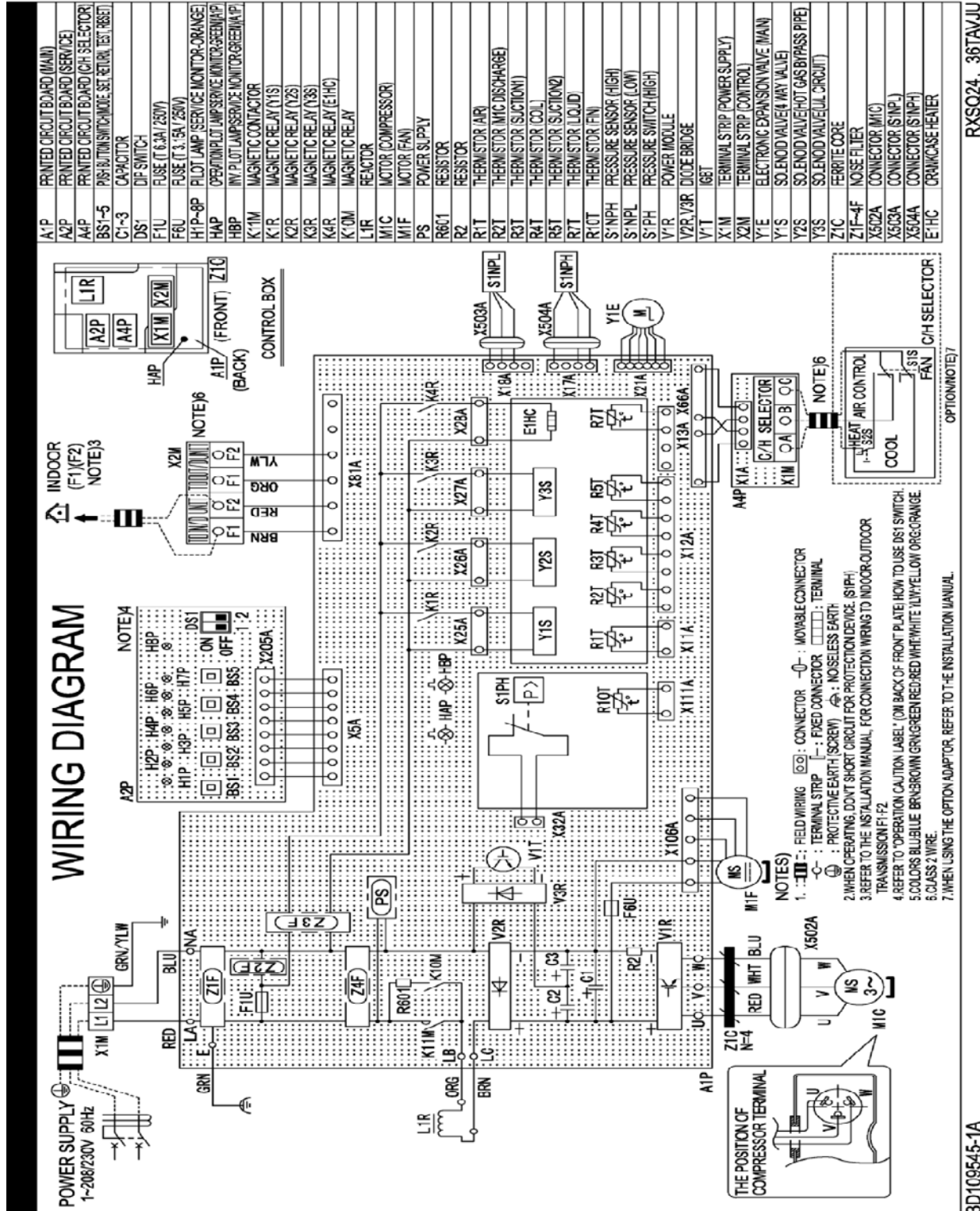


5.3 RXSQ60TAVJU



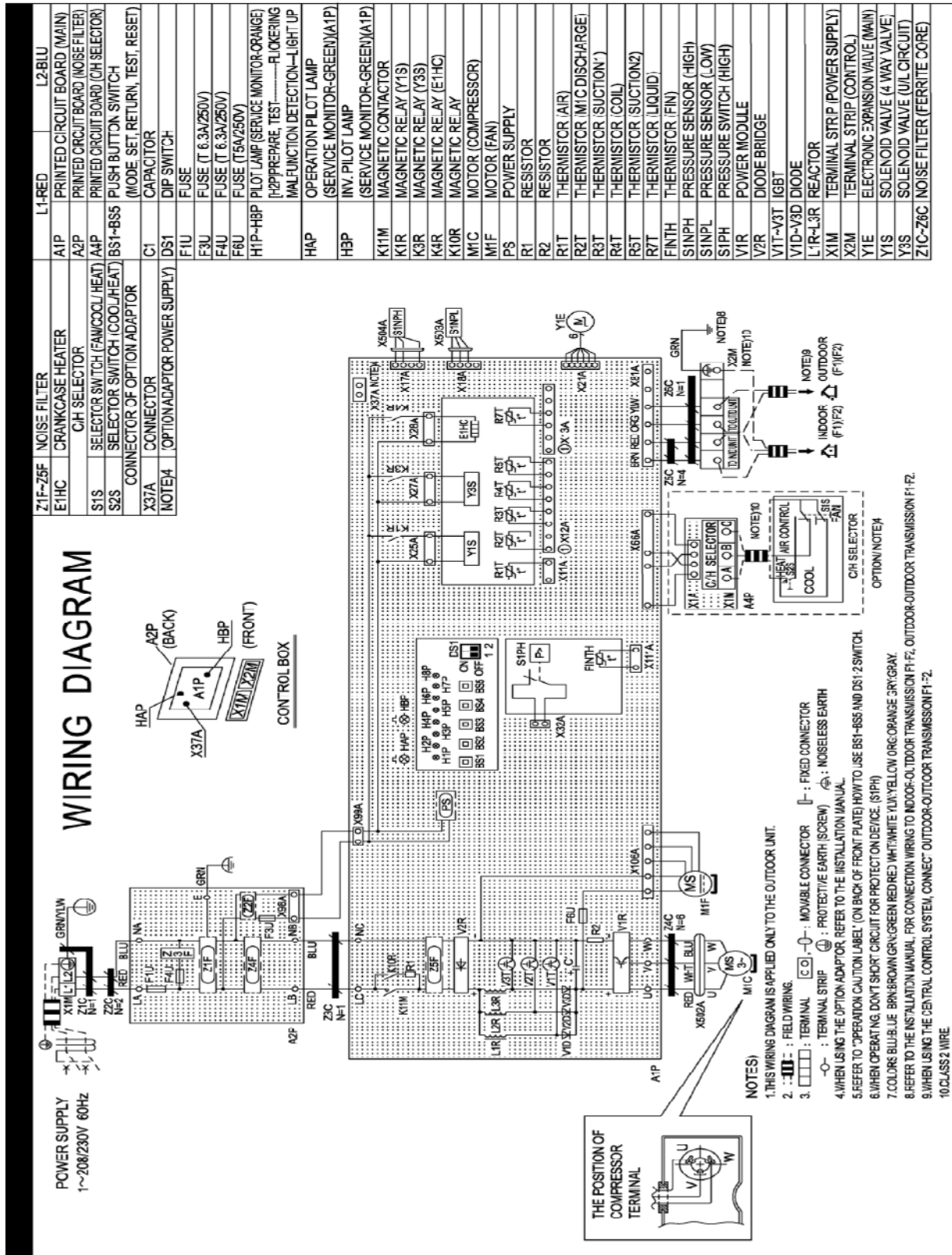
# 6. Wiring Diagram

## 6.1 RXSQ24TAVJU / RXSQ36TAVJU





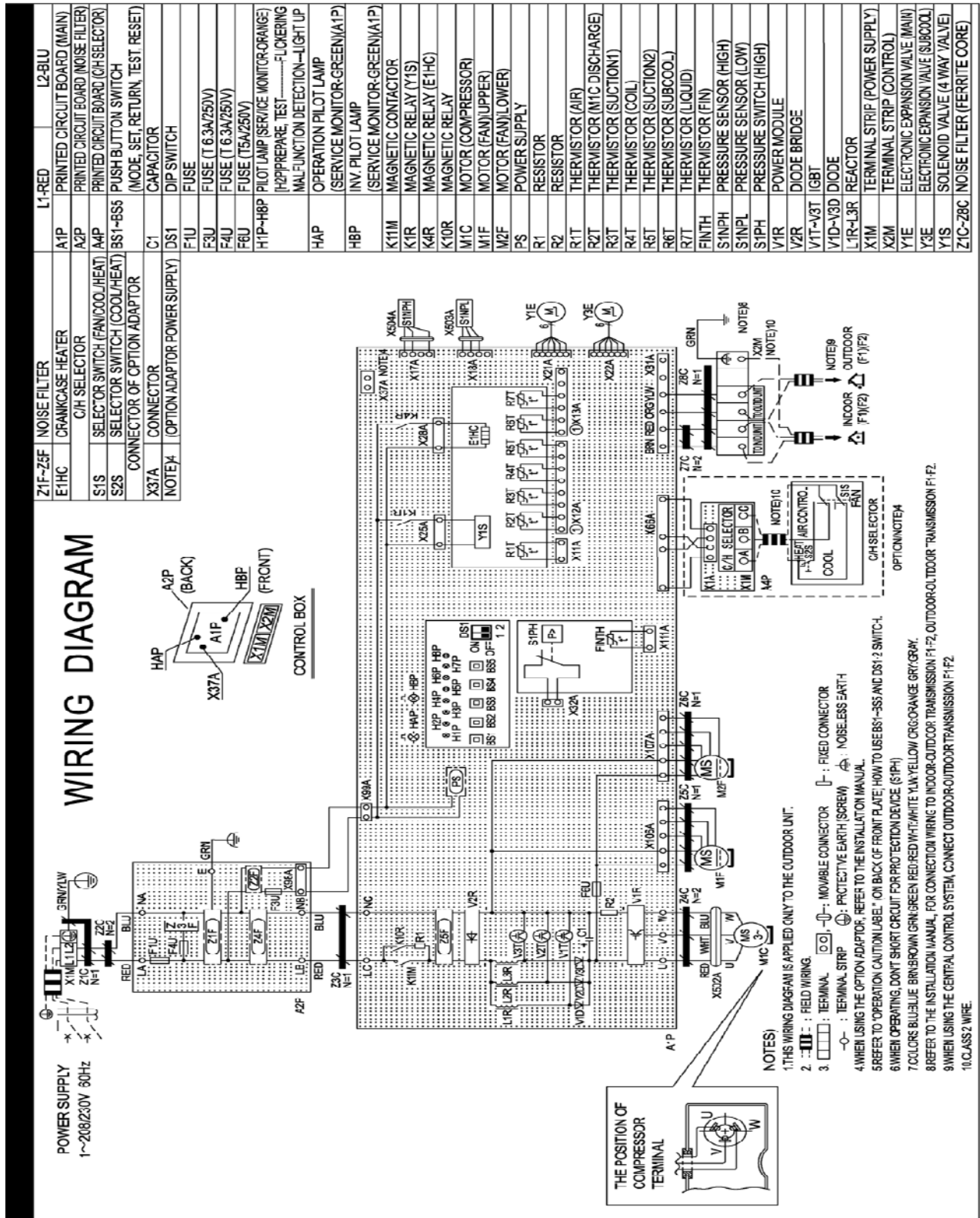
6.2 RXSQ48TAVJU



RXSQ48TAVJU

3D109546-1A

6.3 RXSQ60TAVJU

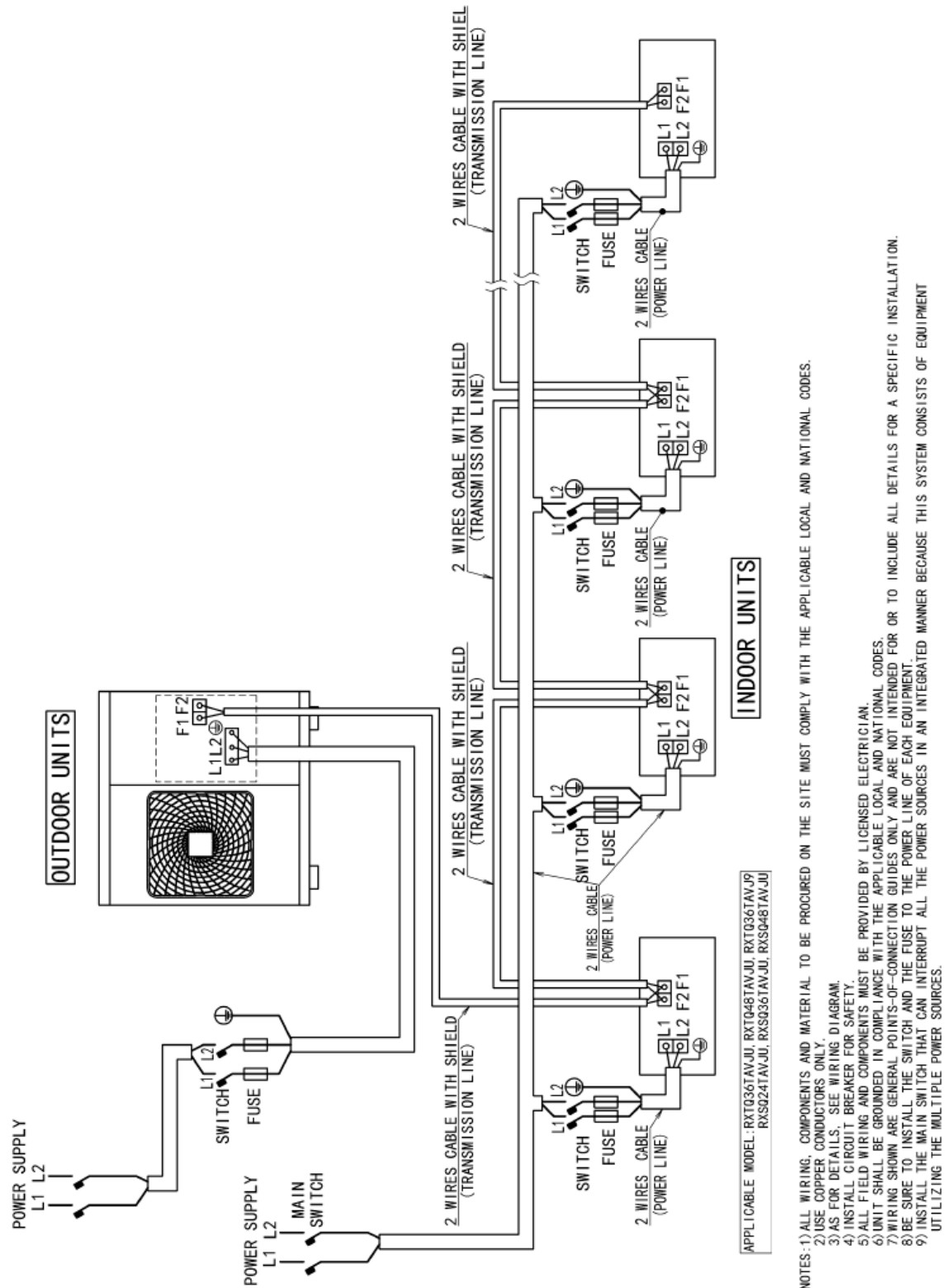


RXSQ60TAVJU

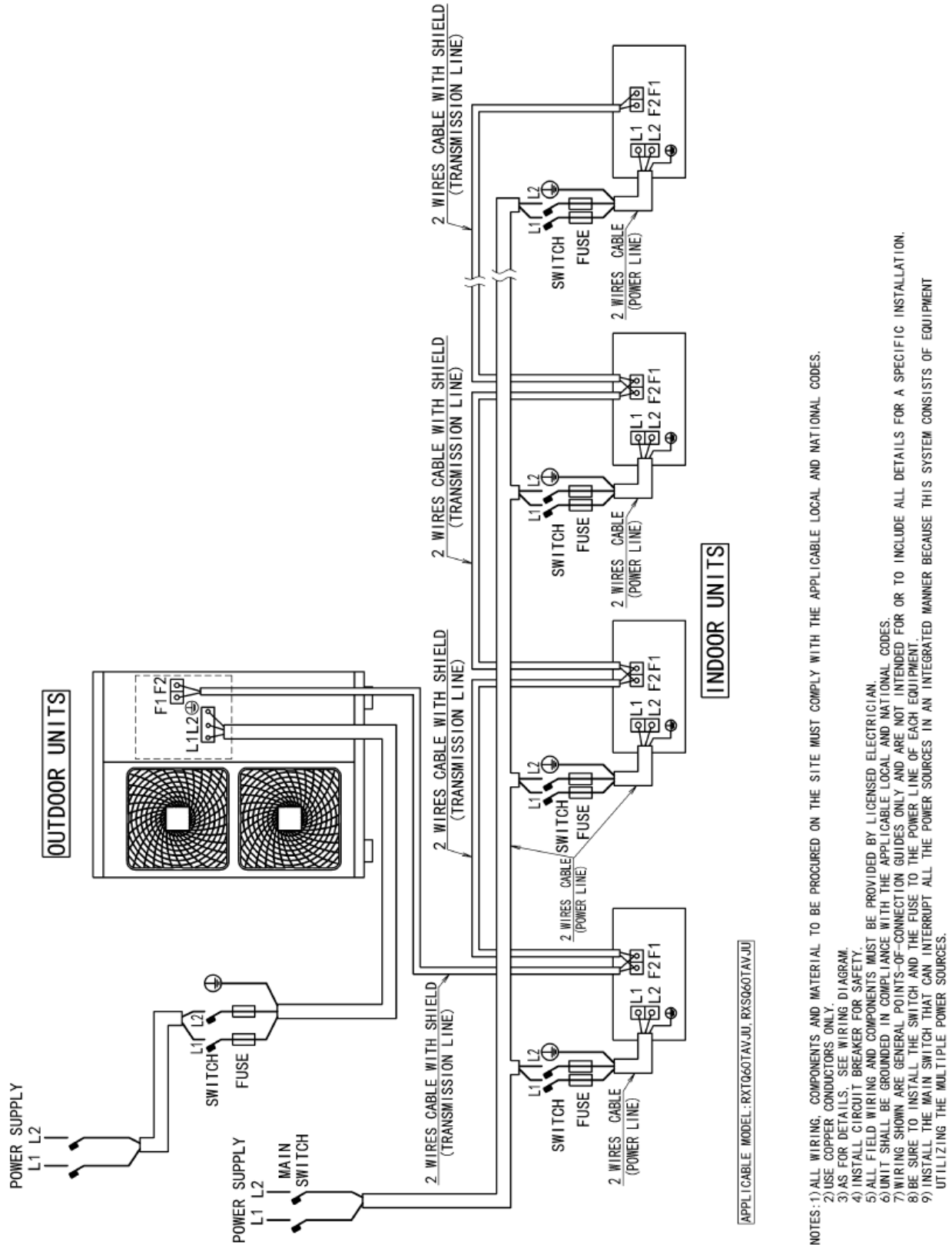
3D109547-1A

## 7. Field Wiring

### 7.1 RXSQ24TAVJU / RXSQ36TAVJU / RXSQ48TAVJU



7.2 RXSQ60TAVJU



- NOTES: 1) ALL WIRING, COMPONENTS AND MATERIAL TO BE PROCURED ON THE SITE MUST COMPLY WITH THE APPLICABLE LOCAL AND NATIONAL CODES.  
 2) USE COPPER CONDUCTORS ONLY.  
 3) AS FOR DETAILS, SEE WIRING DIAGRAM.  
 4) INSTALL CIRCUIT BREAKER FOR SAFETY.  
 5) ALL FIELD WIRING AND COMPONENTS MUST BE PROVIDED BY LICENSED ELECTRICIAN.  
 6) UNIT SHALL BE GROUNDED IN COMPLIANCE WITH THE APPLICABLE LOCAL AND NATIONAL CODES.  
 7) WIRING SHOWN ARE GENERAL POINTS-OF-CONNECTION GUIDES ONLY AND ARE NOT INTENDED FOR OR TO INCLUDE ALL DETAILS FOR A SPECIFIC INSTALLATION.  
 8) BE SURE TO INSTALL THE SWITCH AND THE FUSE TO THE POWER LINE OF EACH EQUIPMENT.  
 9) INSTALL THE MAIN SWITCH THAT CAN INTERRUPT ALL THE POWER SOURCES IN AN INTEGRATED MANNER BECAUSE THIS SYSTEM CONSISTS OF EQUIPMENT UTILIZING THE MULTIPLE POWER SOURCES.

## 8. Electrical Characteristics

### 8.1 RXSQ24TAVJU / RXSQ36TAVJU / RXSQ48TAVJU / RXSQ60TAVJU

Model Name	Units				Power Supply		Comp.		OFM	
	Hz	Volts	Min.	Max	MCA	MOP	MSC	RLA	KW	FLA
RXSQ24TAVJU	60	208/230	187	253	16.5	25	-	15.3	0.2	0.6
RXSQ36TAVJU	60	208/230	187	253	16.5	25	-	15.3	0.2	0.6
RXSQ48TAVJU	60	208/230	187	253	29.1	35	-	19.0	0.2	0.6
RXSQ60TAVJU	60	208/230	187	253	29.1	35	-	23.2	0.070 + 0.070	0.3 + 0.3

**Notes:**

1. RLA is based on the following conditions

Power Supply: 60Hz, 208/230V

Cooling:

Indoor Temp: 80.0°FDB (26.7°CDB) / 67°FWB (19.4°CWB)

Outdoor Temp: 95.0°FDB (35°CDB)

Heating:

Indoor Temp: 70.0°FDB (21.1°CDB)

Outdoor Temp: 47.0°FDB (8.3°CDB) / 43.0°FWB (6.1°CWB)

2. Voltage Range

Units are suitable for use on electrical systems where voltage supplied to the unit terminal is not below or above listed range limits

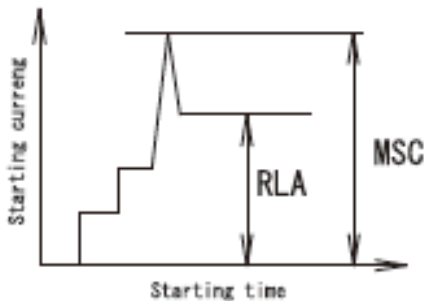
3. Maximum allowable voltage variation between phases is 2%

4. MCA represents the maximum input current

5. MOP/MFA represent the capacity which may accept the MCA

6. Select wire size based on the value of MCA

7. MOP is used to select the circuit breaker or the fuse or the ground fault circuit interrupter; whichever may be specified by the local, state or national codes



MCA :Minimum Circuit Amps. (A)

MOP :Maximum Overcurrent Protective Device(See note7). (A)

TOCA:Total Over-current Amps. (A)

MFA :Max. Fuse Amps. (See note7). (A)

MSC :Max. curreng during the Starting compressor. (A)

RLA :Rated load Amps. (A)

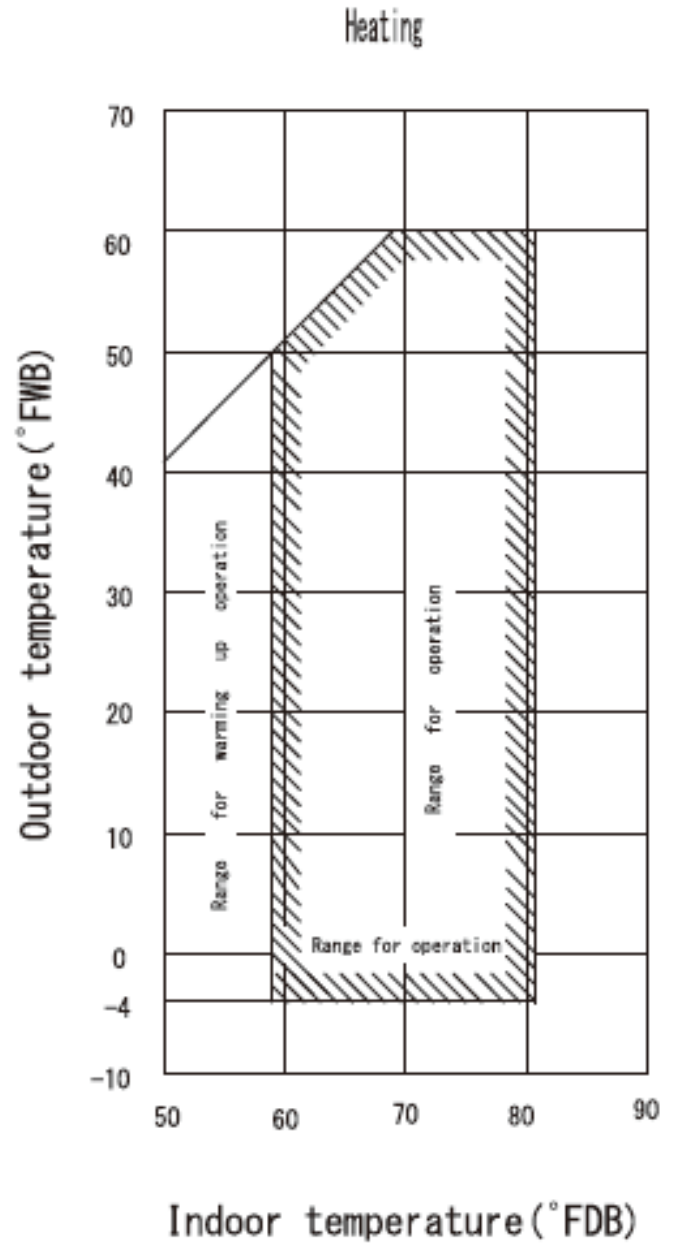
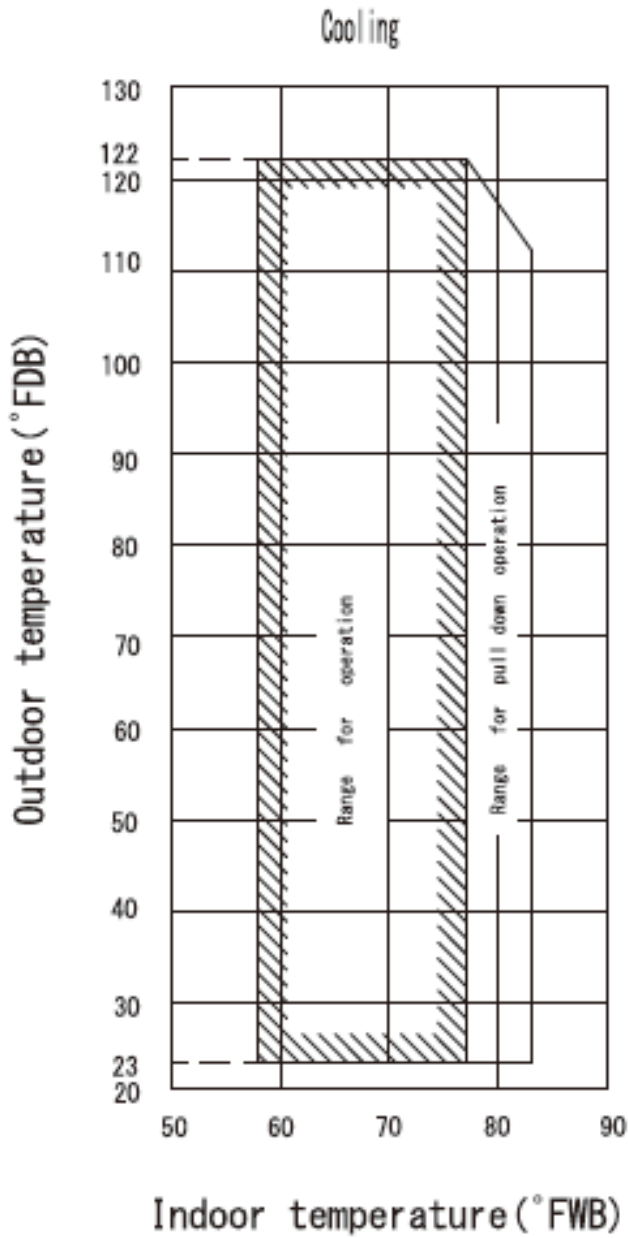
OFM :Outdoor Fan Motor (A)

FLA :Full Load Amps. (A)

kW :Fan Motor Rated Output. (kW)

## 9. Operational Limits

RXSQ24TAVJU / RXSQ36TAVJU / RXSQ48TAVJU / RXSQ60TAVJU

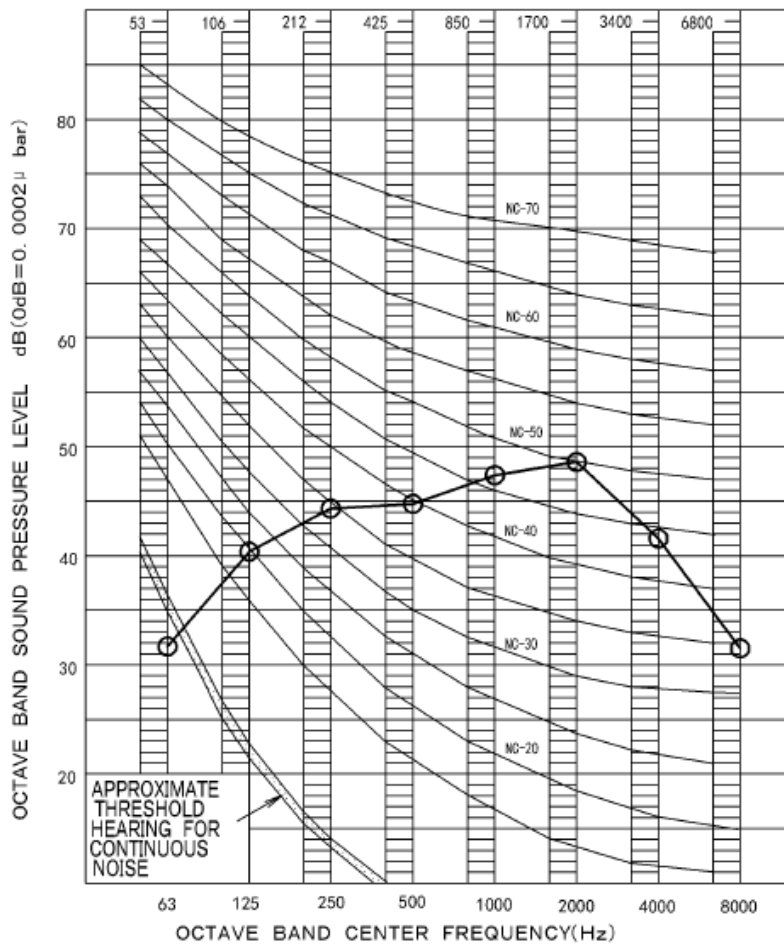


Note: These figures assume the following operating conditions:  
Indoor and outdoor units:

- Equivalent pipe length: 25ft
- Level difference: 0ft

# 10. Sound Levels (Reference Data)

## 10.1 RXSQ24TAVJU (Cooling)



OVER ALL (dB)

SCALE	A	58
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( B. G. N IS ALREADY RECTIFIED )

### MEASURING PLACE

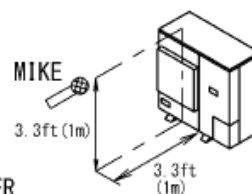
ANECHOIC CHAMBER

### OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

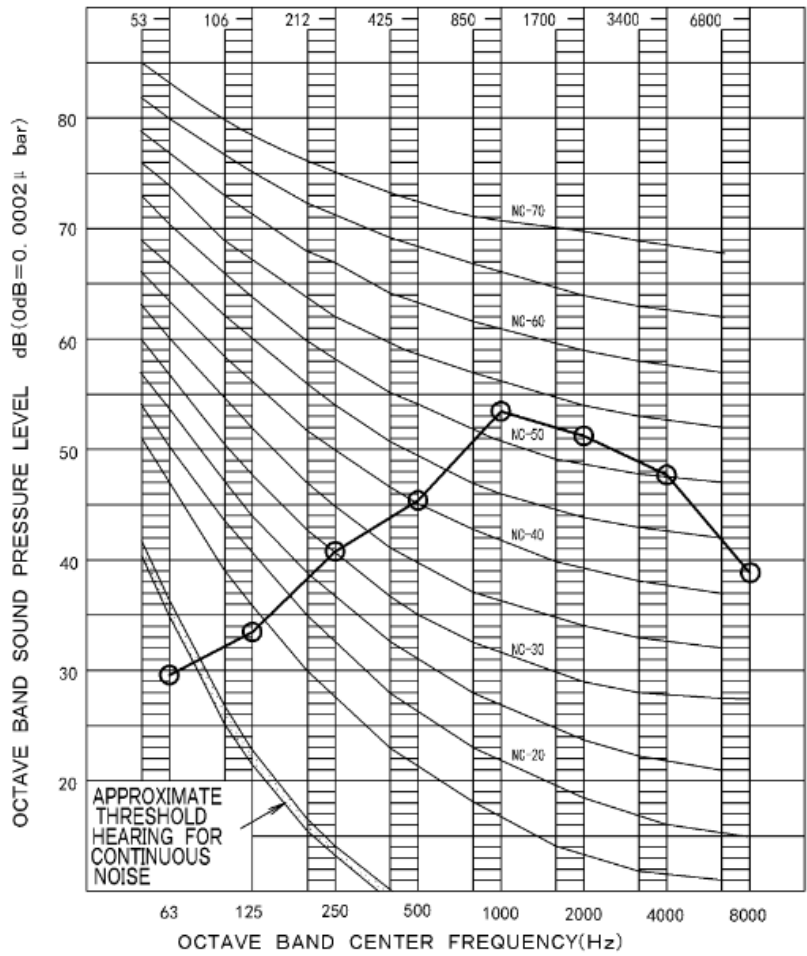
COOLING RETURN AIR TEMPERATURE: 80.0°FDB (26.7°CDB), 67.0°FWB (19.4°CWB)  
 OUTDOOR TEMPEARATURE: 95.0°FDB (35.0°CDB), 75.0°FWB (23.9°CWB)

### LOCATION OF MICROPHONE



NOTE: THE OPERATING SOUND IS MEASURED IN ANECHOIC CHAMBER,  
 IF IT IS MEASURED UNDER THE ACTUAL INSTALLATION CONDITIONS,  
 IT IS NORMALLY OVER THE SET VALUE DUE TO ENVIRONMENTAL NOISE AND SOUND REFLECTION.

### 10.2 RXSQ24TAVJU (Heating)



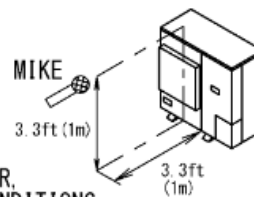
<u>OVER ALL (dB)</u>	
SCALE A	61

<u>OPERATING CONDITIONS</u>
<u>POWER SOURCE 208/230V 60Hz</u>
<u>HEATING RETURN AIR TEMPERATURE: 70.0°FDB (21.1°CDB)</u>
<u>OUTDOOR TEMPEARATURE: 47.0°FDB (8.3°CDB), 43.0°FDB (6.1°CWB)</u>

( B. G. N IS ALREADY RECTIFIED )

<u>MEASURING PLACE</u>
ANECHOIC CHAMBER

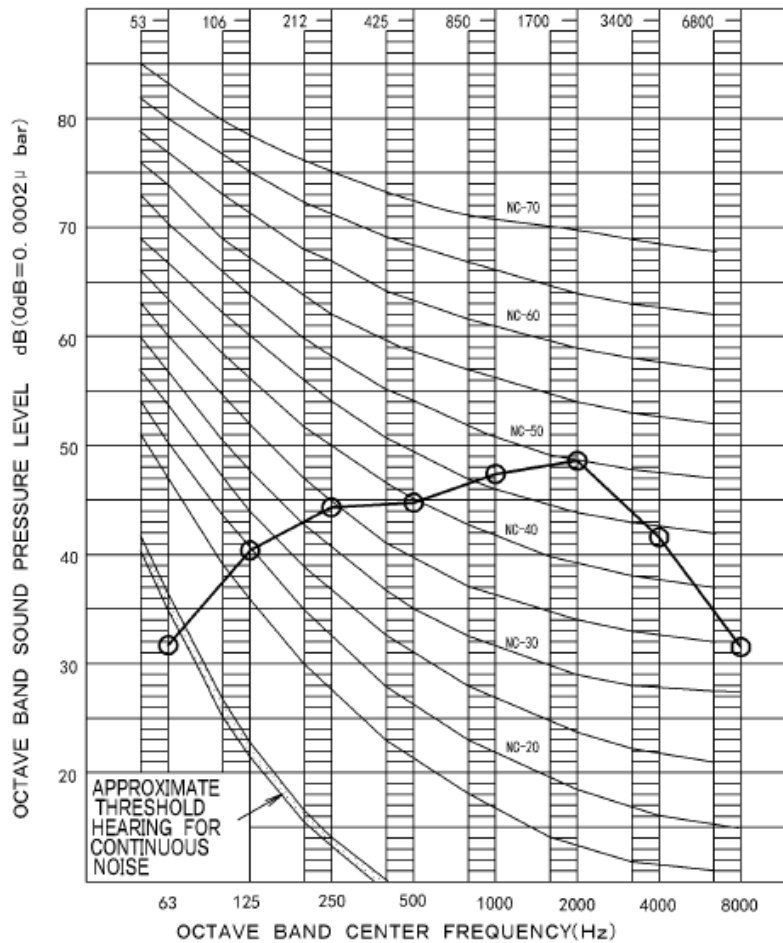
<u>LOCATION OF MICROPHONE</u>
-------------------------------



NOTE: THE OPERATING SOUND IS MEASURED IN ANECHOIC CHAMBER. IF IT IS MEASURED UNDER THE ACTUAL INSTALLATION CONDITIONS, IT IS NORMALLY OVER THE SET VALUE DUE TO ENVIRONMENTAL NOISE AND SOUND REFLECTION.



### 10.3 RXSQ36TAVJU (Cooling)



OVER ALL (dB)

SCALE	A	58
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OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

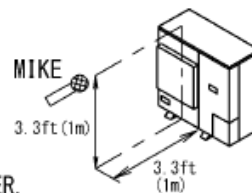
COOLING RETURN AIR TEMPERATURE: 80.0°FDB (26.7°CDB), 67.0°FWB (19.4°CWB)  
 OUTDOOR TEMPERATURE: 95.0°FDB (35.0°CDB), 75.0°FWB (23.9°CWB)

( B. G. N IS ALREADY RECTIFIED )

MEASURING PLACE

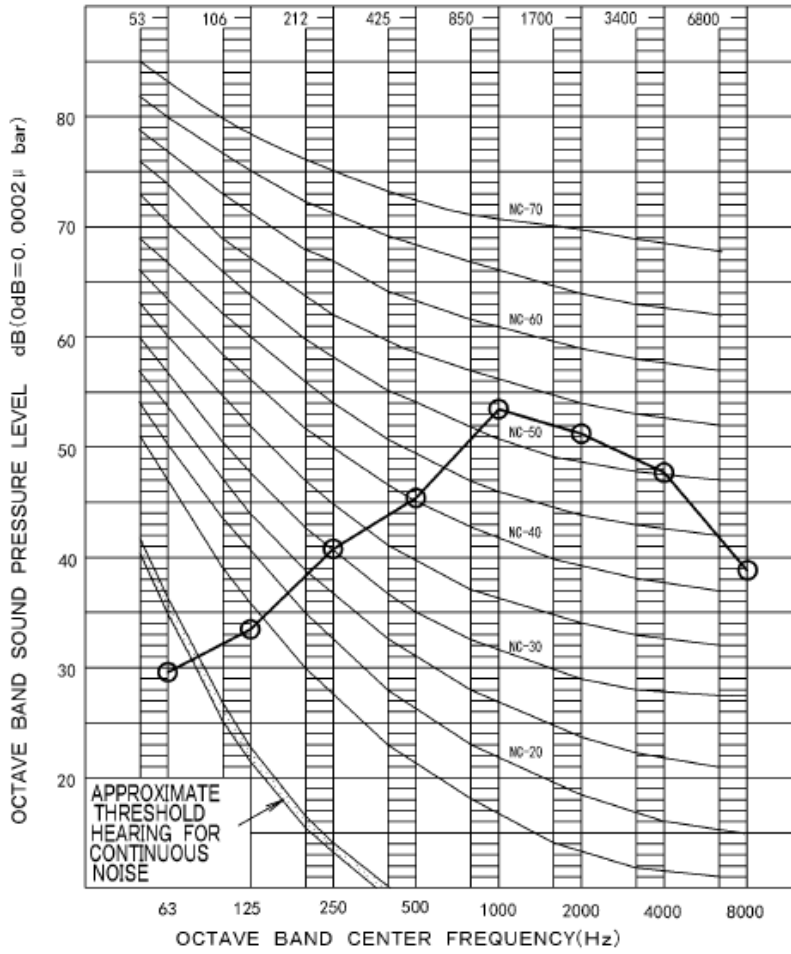
ANECHOIC CHAMBER

LOCATION OF MICROPHONE



NOTE: THE OPERATING SOUND IS MEASURED IN ANECHOIC CHAMBER.  
 IF IT IS MEASURED UNDER THE ACTUAL INSTALLATION CONDITIONS,  
 IT IS NORMALLY OVER THE SET VALUE DUE TO ENVIRONMENTAL NOISE AND SOUND REFLECTION.

10.4 RXSQ36TAVJU (Heating)



OVER ALL (dB)

SCALE	A	61
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OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

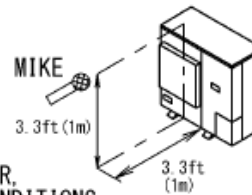
HEATING RETURN AIR TEMPERATURE: 70.0°FDB (21.1°CDB)  
 OUTDOOR TEMPEARATURE: 47.0°FDB (8.3°CDB), 43.0°FWB (6.1°CWB)

( B. G. N IS ALREADY RECTIFIED )

MEASURING PLACE

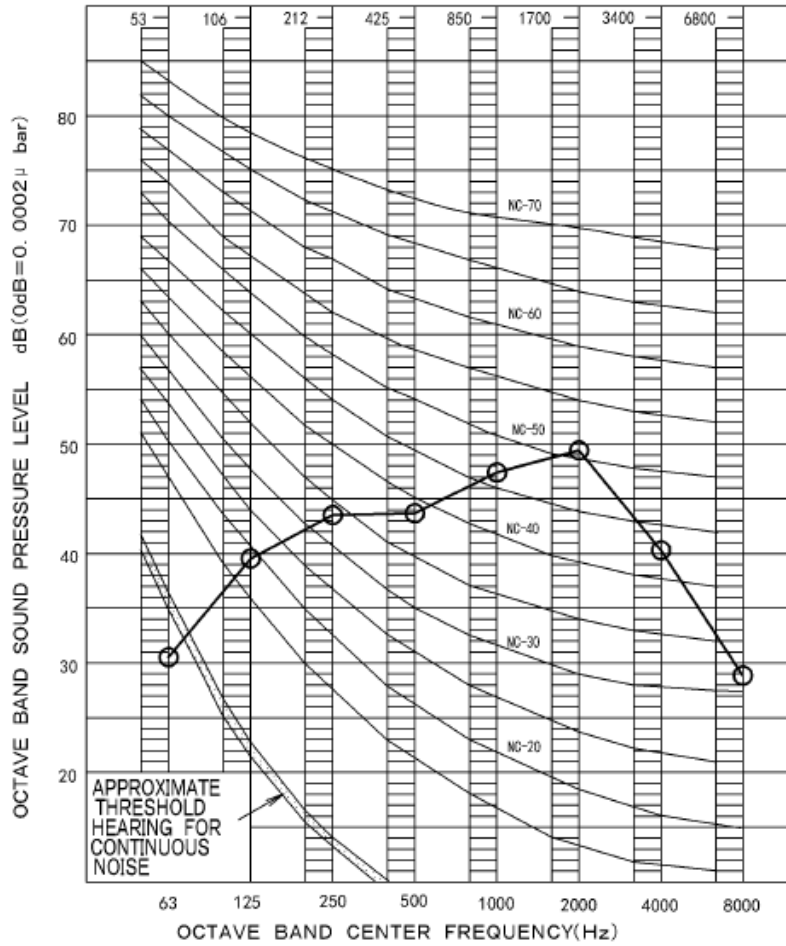
ANECHOIC CHAMBER

LOCATION OF MICROPHONE



NOTE: THE OPERATING SOUND IS MEASURED IN ANECHOIC CHAMBER.  
 IF IT IS MEASURED UNDER THE ACTUAL INSTALLATION CONDITIONS,  
 IT IS NORMALLY OVER THE SET VALUE DUE TO ENVIRONMENTAL NOISE AND SOUND REFLECTION.

10.5 RXSQ48TAVJU (Cooling)



OVER ALL (dB)

SCALE	A	58
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OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

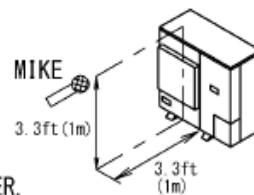
COOLING RETURN AIR TEMPERATURE: 80.0°FDB (26.7°CDB), 67.0°FWB (19.4°CWB)  
 OUTDOOR TEMPERATURE: 95.0°FDB (35.0°CDB), 75.0°FWB (23.9°CWB)

( B. G. N IS ALREADY RECTIFIED )

MEASURING PLACE

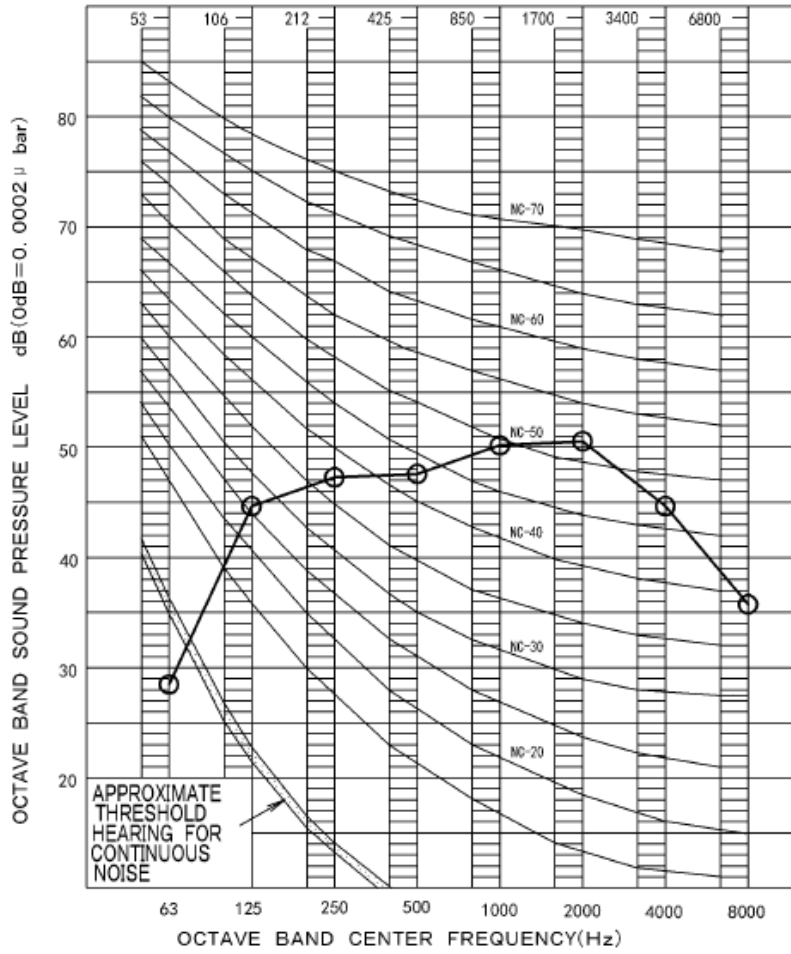
ANECHOIC CHAMBER

LOCATION OF MICROPHONE



NOTE: THE OPERATING SOUND IS MEASURED IN ANECHOIC CHAMBER.  
 IF IT IS MEASURED UNDER THE ACTUAL INSTALLATION CONDITIONS,  
 IT IS NORMALLY OVER THE SET VALUE DUE TO ENVIRONMENTAL NOISE AND SOUND REFLECTION.

10.6 RXSQ48TAVJU (Heating)



OVER ALL (dB)

SCALE	A	61
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OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

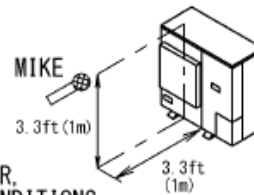
HEATING RETURN AIR TEMPERATURE: 70.0°FDB (21.1°CDB)  
 OUTDOOR TEMPEARATURE: 47.0°FDB (8.3°CDB), 43.0°FWB (6.1°CWB)

( B. G. N IS ALREADY RECTIFIED )

MEASURING PLACE

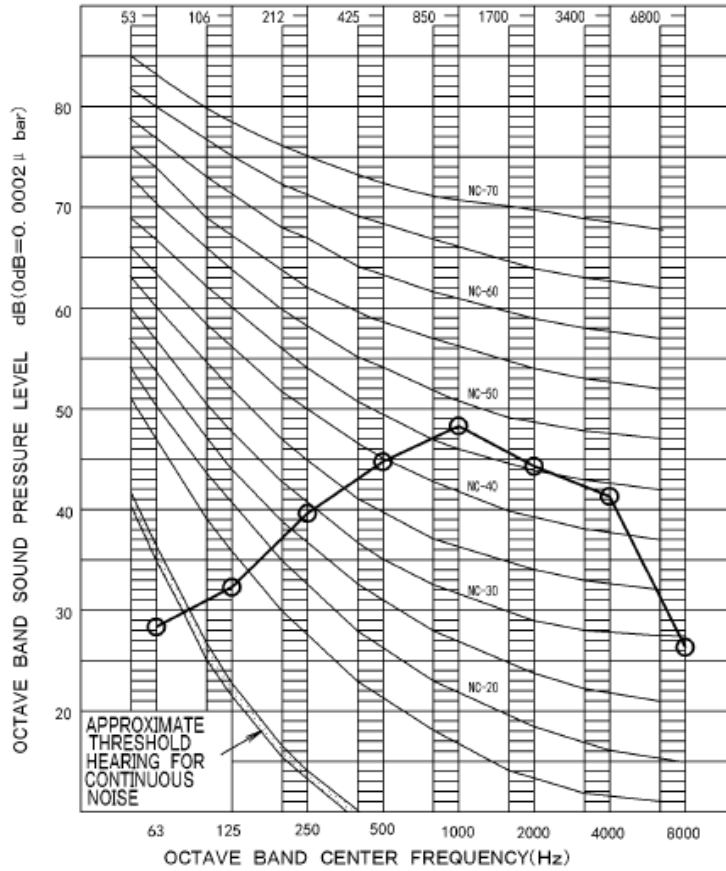
ANECHOIC CHAMBER

LOCATION OF MICROPHONE



NOTE: THE OPERATING SOUND IS MEASURED IN ANECHOIC CHAMBER.  
 IF IT IS MEASURED UNDER THE ACTUAL INSTALLATION CONDITIONS,  
 IT IS NORMALLY OVER THE SET VALUE DUE TO ENVIRONMENTAL NOISE AND SOUND REFLECTION.

10.7 RXSQ60TAVJU (Cooling)



OVER ALL (dB)

SCALE	A	57
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OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

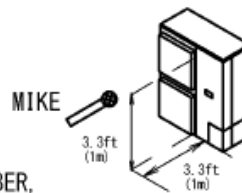
COOLING RETURN AIR TEMPERATURE: 80.0°FDB (26.7°CDB), 67.0°FWB (19.4°CWB)  
 OUTDOOR TEMPEARATURE: 95.0°FDB (35.0°CDB), 75.0°FWB (23.9°CWB)

( B. G. N IS ALREADY RECTIFIED )

MEASURING PLACE

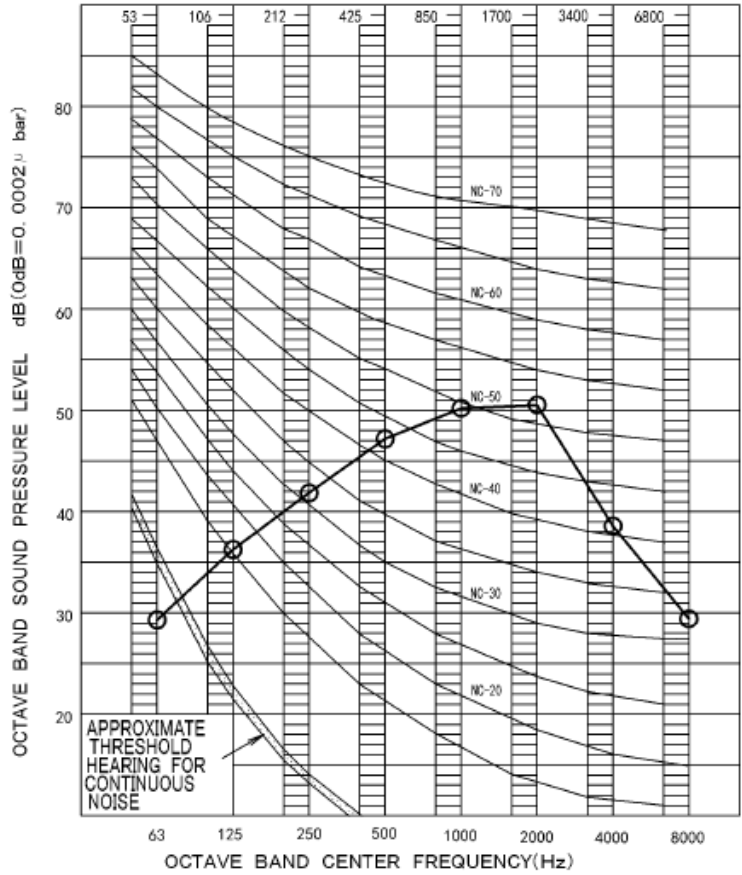
ANECHOIC CHAMBER

LOCATION OF MICROPHONE



NOTE: THE OPERATING SOUND IS MEASURED IN ANECHOIC CHAMBER.  
 IF IT IS MEASURED UNDER THE ACTUAL INSTALLATION CONDITIONS,  
 IT IS NORMALLY OVER THE SET VALUE DUE TO ENVIRONMENTAL NOISE AND SOUND REFLECTION.

10.8 RXSQ60TAVJU (Heating)



OVER ALL (dB)

SCALE	A	59
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( B. G. N IS ALREADY RECTIFIED )

MEASURING PLACE

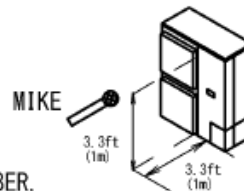
ANECHOIC CHAMBER

OPERATING CONDITIONS

POWER SOURCE 208/230V 60Hz

HEATING RETURN AIR TEMPERATURE: 70.0°FDB (21.1°CDB)  
OUTDOOR TEMPEARATURE: 47.0°FDB (8.3°CDB), 43.0°FWB (6.1°CWB)

LOCATION OF MICROPHONE



NOTE: THE OPERATING SOUND IS MEASURED IN ANECHOIC CHAMBER,  
IF IT IS MEASURED UNDER THE ACTUAL INSTALLATION CONDITIONS,  
IT IS NORMALLY OVER THE SET VALUE DUE TO ENVIRONMENTAL NOISE AND SOUND REFLECTION.

# 11. Optional Accessories

## 11.1 RXSQ24TAVJU / RXSQ36TAVJU / RXSQ48TAVJU / RXSQ60TAVJU

Optional Accessories		Models	RXSQ24TAVJU	RXSQ36TAVJU	RXSQ48TAVJU	RXSQ60TAVJU
		ABC I/P Printed Circuit Board Kit			-	
Distributive Piping	REFNET Headers	Model	KHRP26M22H9 (Max. 4 branches) KHRP26M33H9 (Max. 8 branches)			
		AS No.	-			
		Z No.	-			
	REFNET Joints	Model	KHRP26A22T9			
		AS No.	-			
		Z No.	-			
Wind Baffles			KPW5E112		KPW5E80	
Refrigerant Tank			BHL-02A			

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Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire, or explosion.

Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorized parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire, or explosion.

Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any inquiries, please contact your local importer, distributor, or retailer.



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