

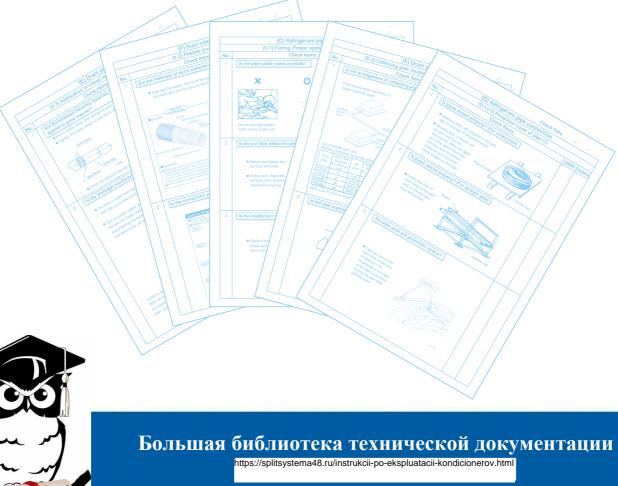


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VRV SYSTEM

INVERTER K Series **PLUS** Series

The Compiled Sheets of Installation Work Inspection



каталоги, инструкции, сервисные мануалы, схемы.

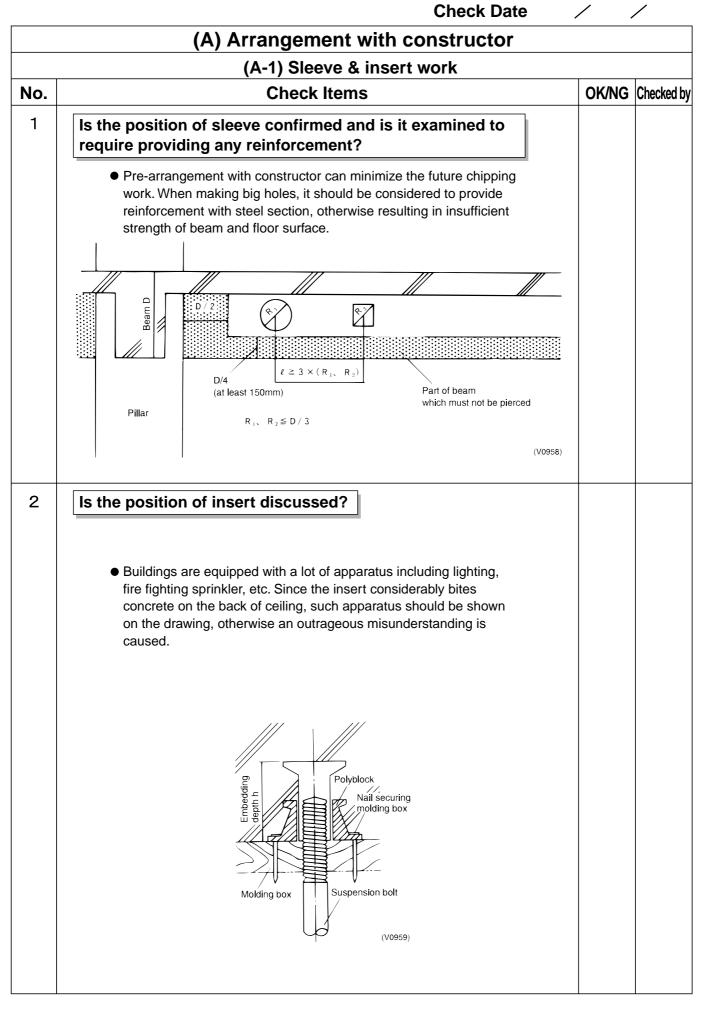
How to apply this information

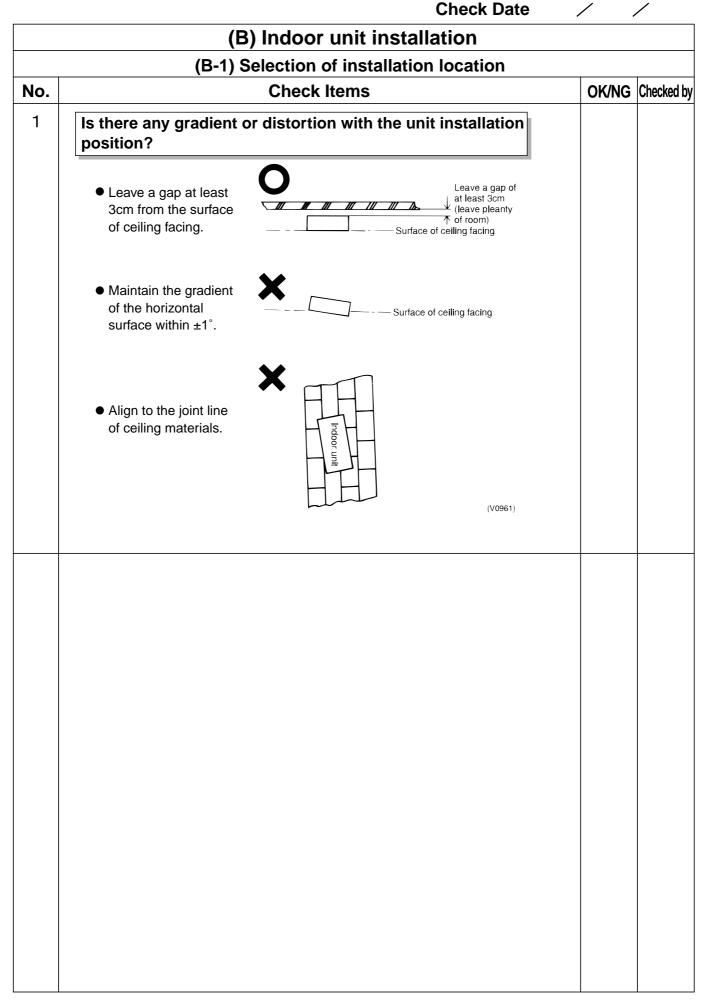
- 1) Search for an essential point to check referring to Contents first.
- 2) When an applicable page is found, specify OK/NG and enter the date and person checked in the respective column, copying the page to bring it to the work place.
- 3) If the check result is NG, correct the problem first. After correction, check and judge again entering the result.
- Pascal is mainly applied to the pressure unit. To read the pressure in kg/cm², refer to Appendix (1) Pressure Conversion Table.
- 5) When the equipment is large-sized and equipped with multiple systems, apply Appendix (2) Check List, copy the list required to enter the check result in the applicable column and keep it in place.
- When conducting test run after installation, apply Appendix (3) VRV Operation Check List to conduct a positive and effective checking.
- ★) Application of this check list will be able to reduce failures in operation and assure users of more reliability of equipment.

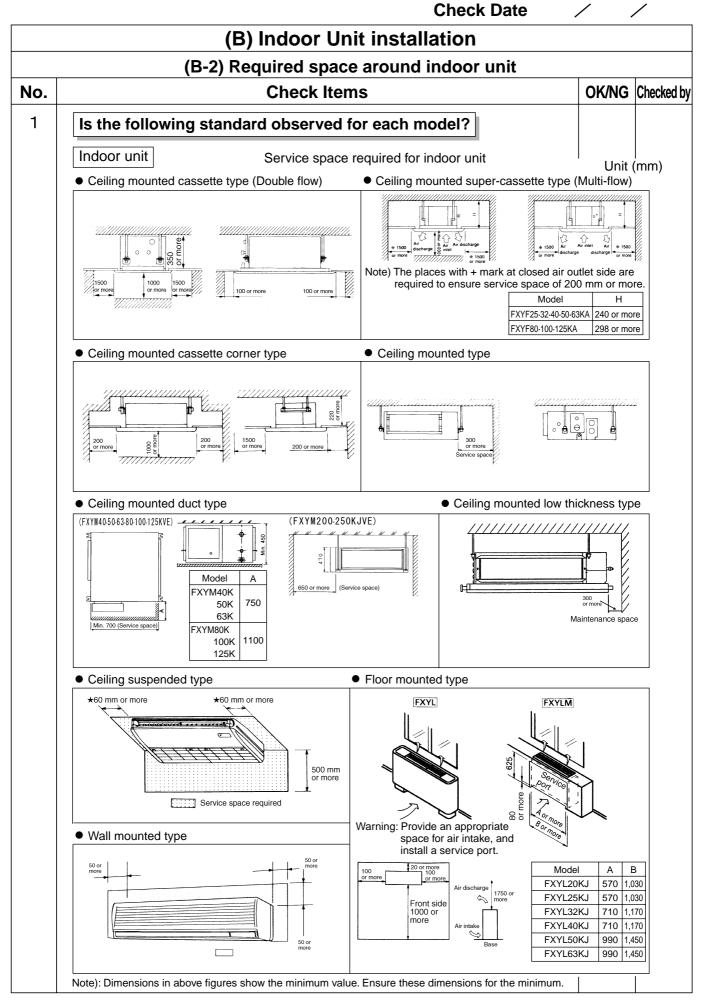
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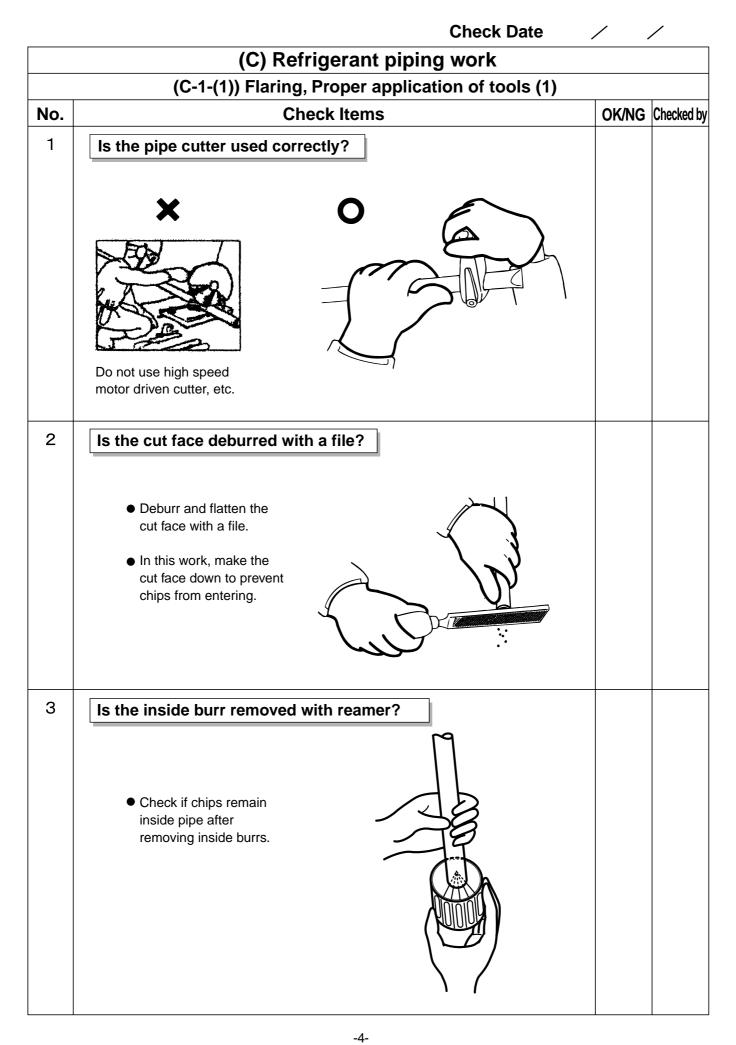
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FN17	Switch actting for outdoor units
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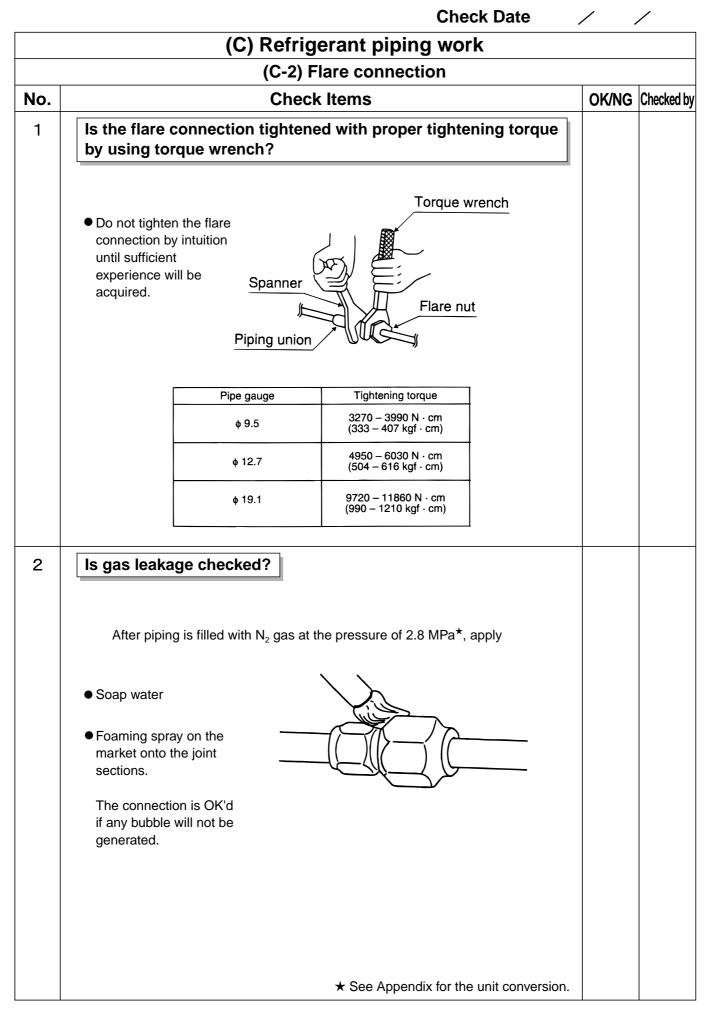


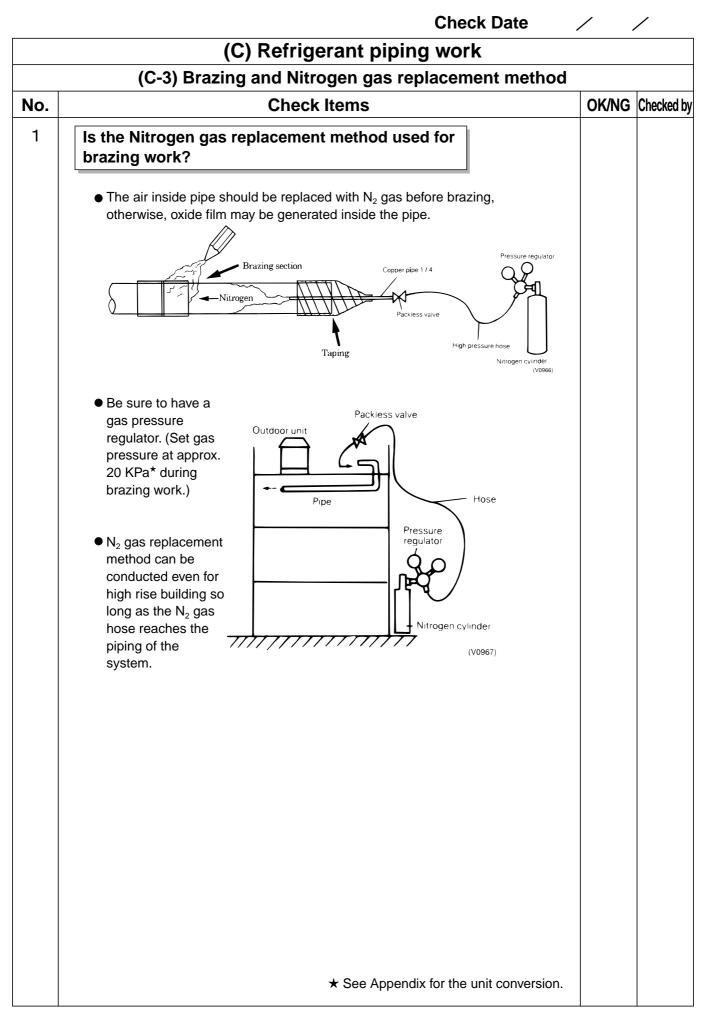


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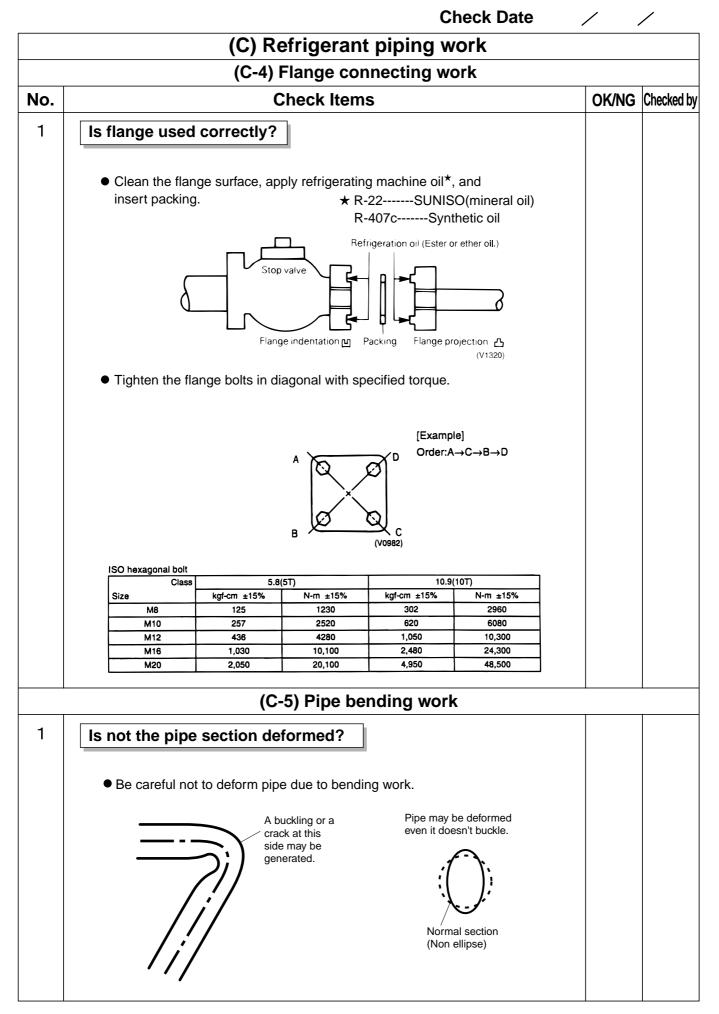


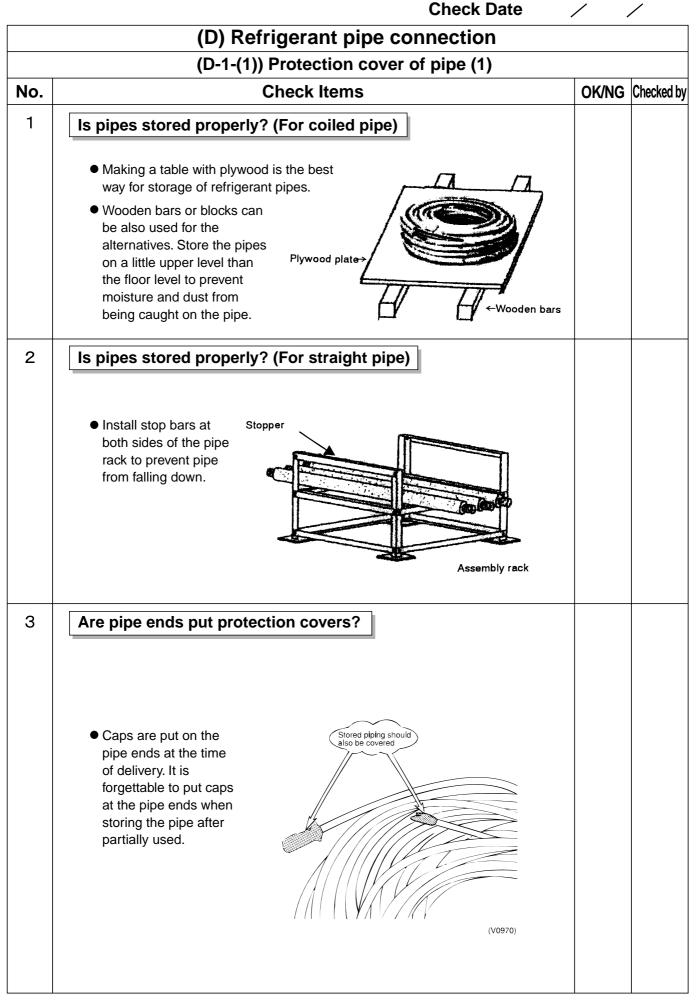
	Check Date ,	/ /	
	(C) Refrigerant piping work		
	(C-1-(2)) Flaring, Proper application of tools (2)		
No.	Check Items	OK/NG	Checked by
1	Is the lubricant applied after finishing of cut surface?		
	(C-1-(2)) Flaring, Proper application of tools (2) Check Items	OK/NG	Checked by

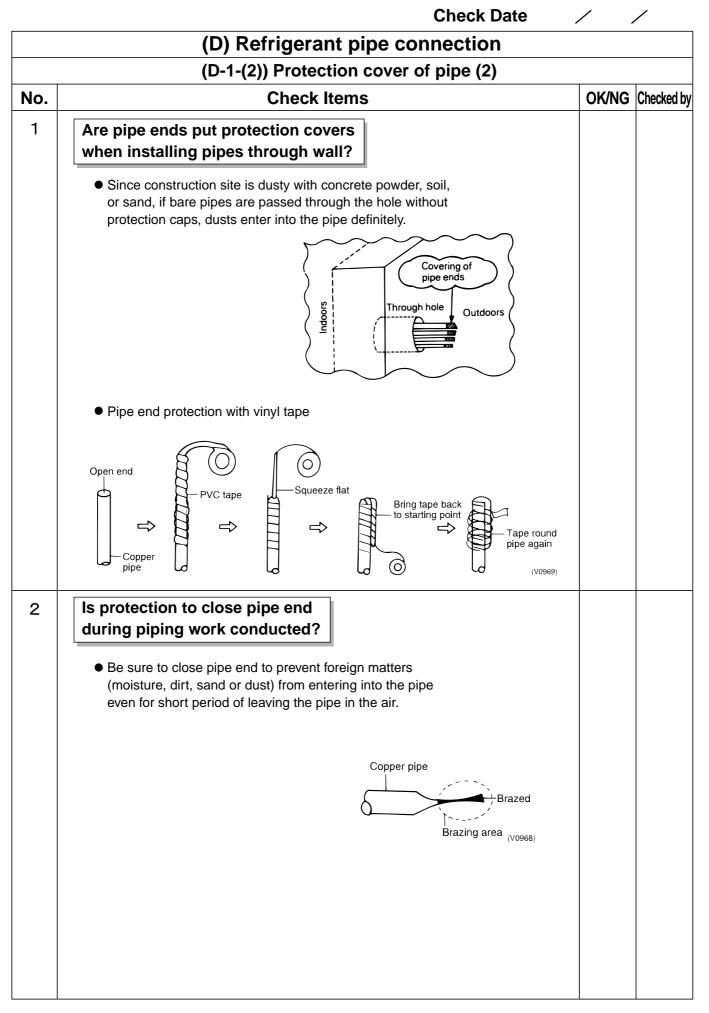


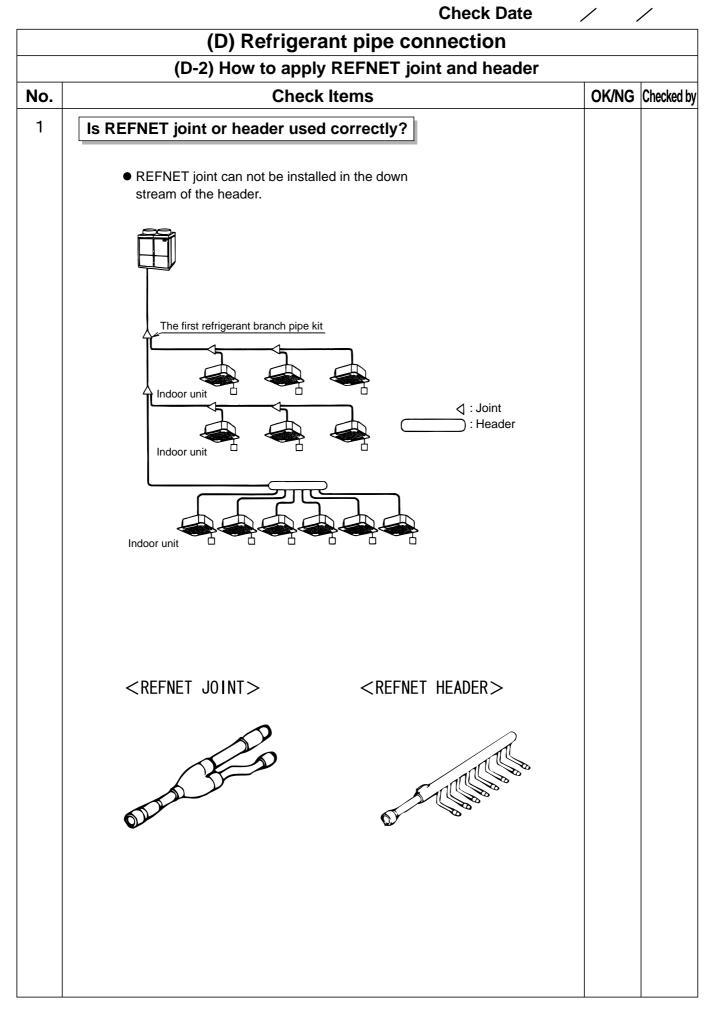


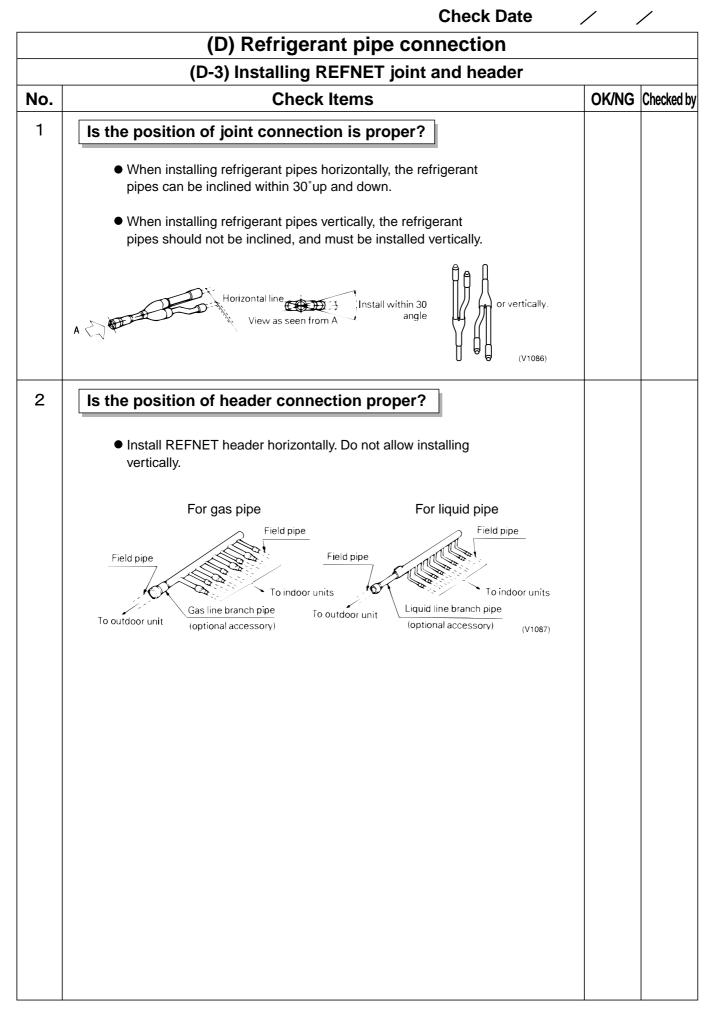
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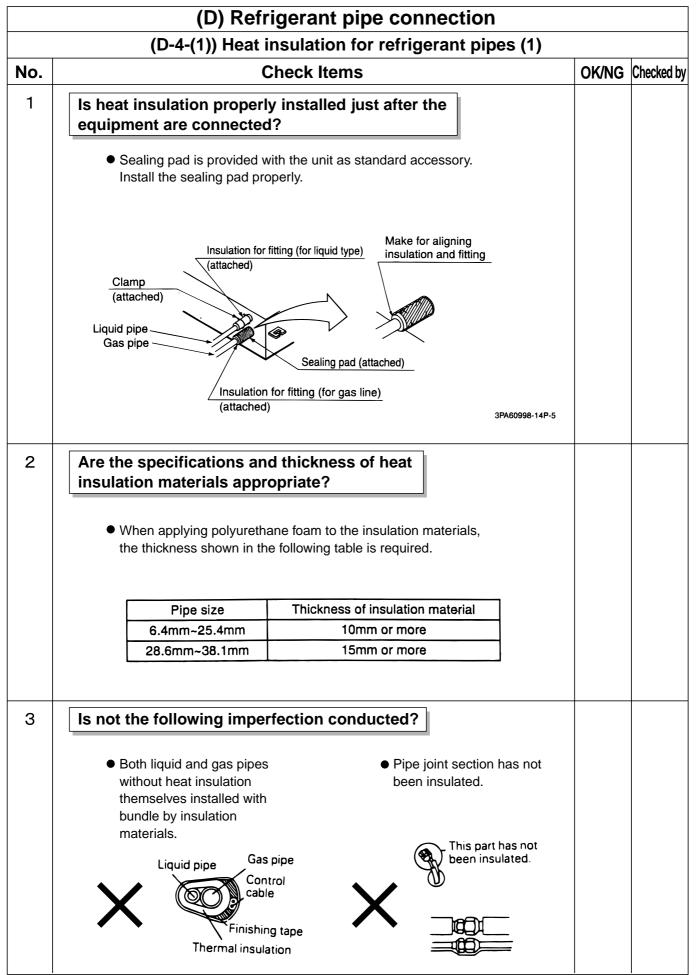


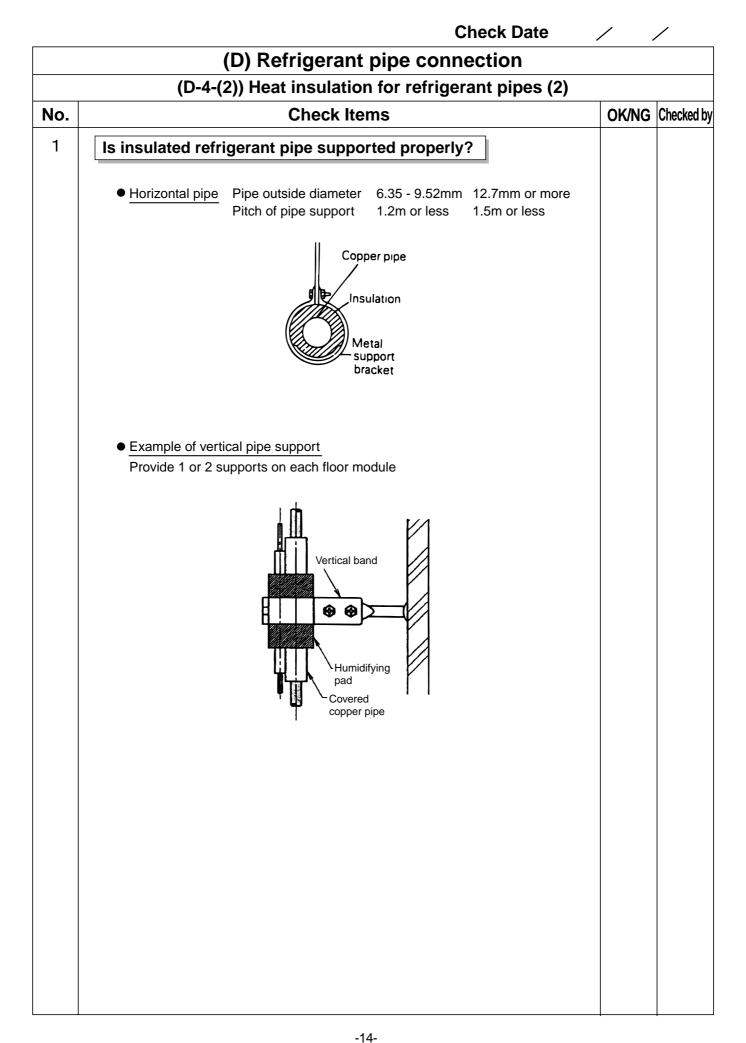


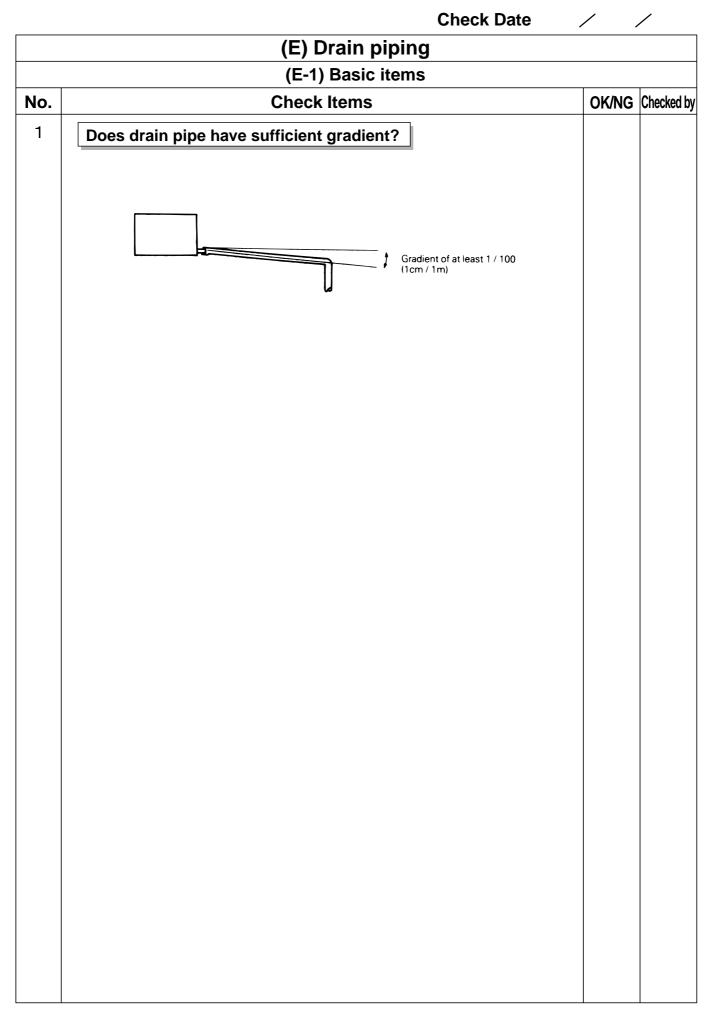




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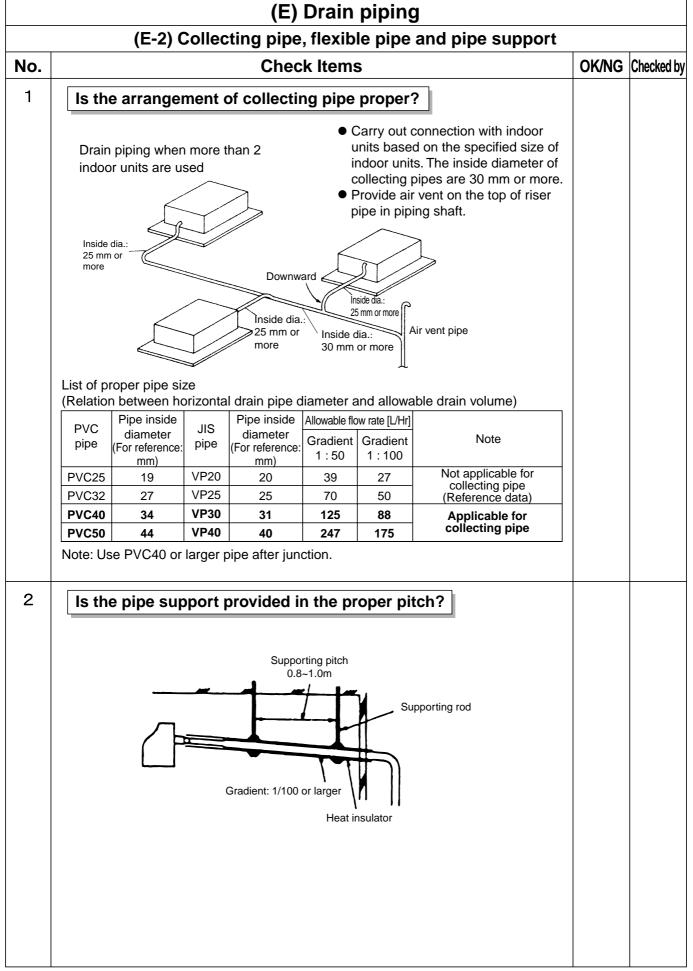


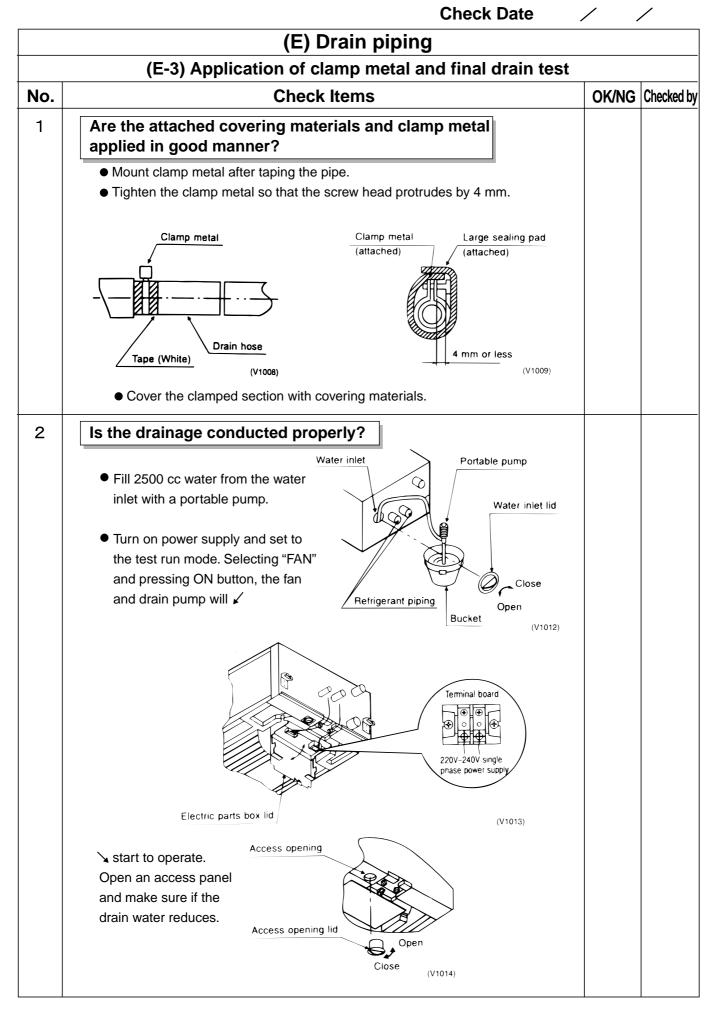


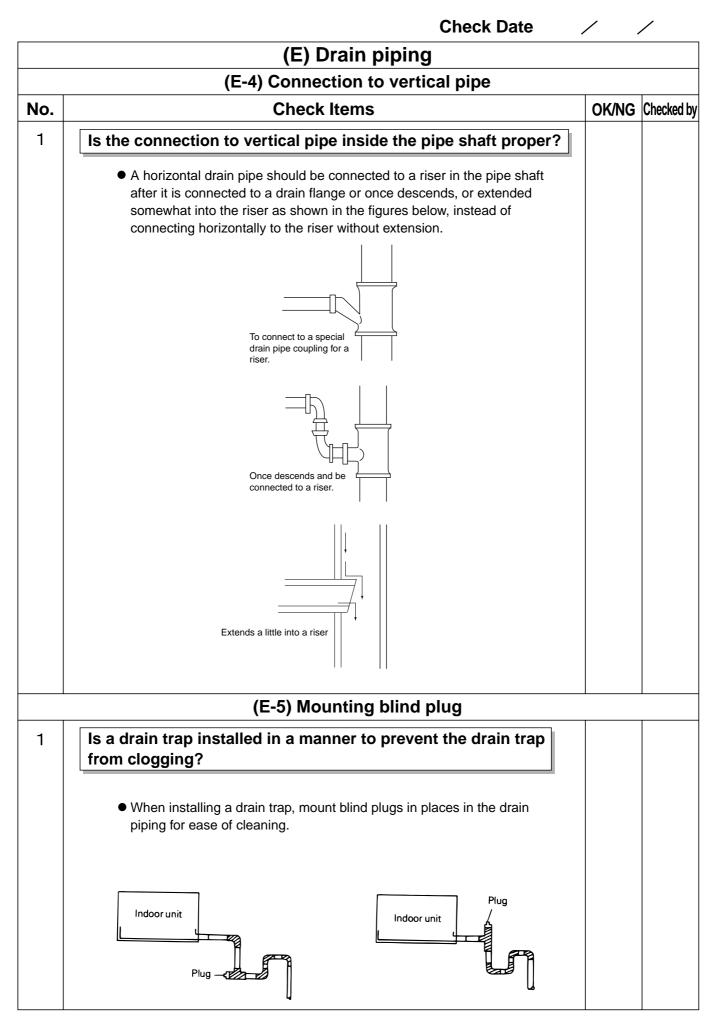


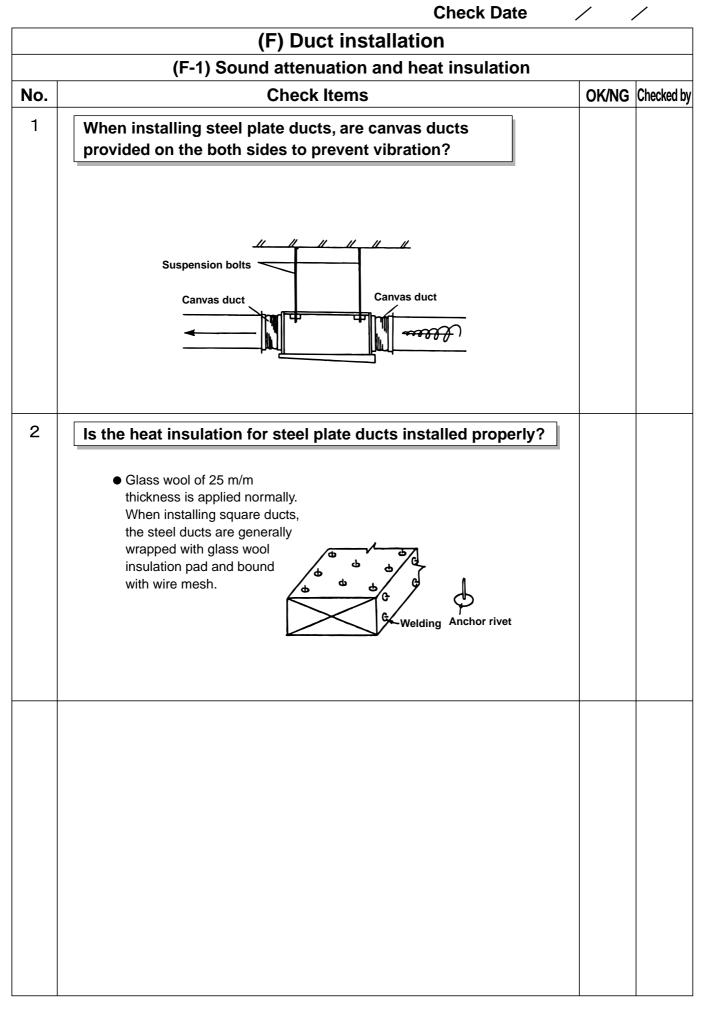
Check Date

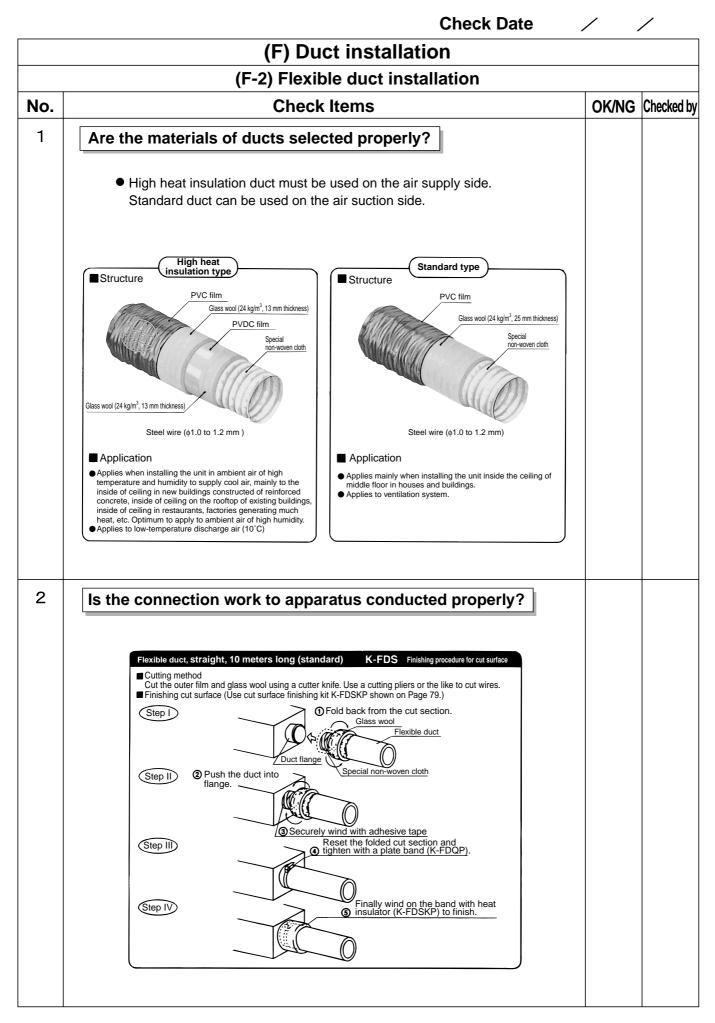






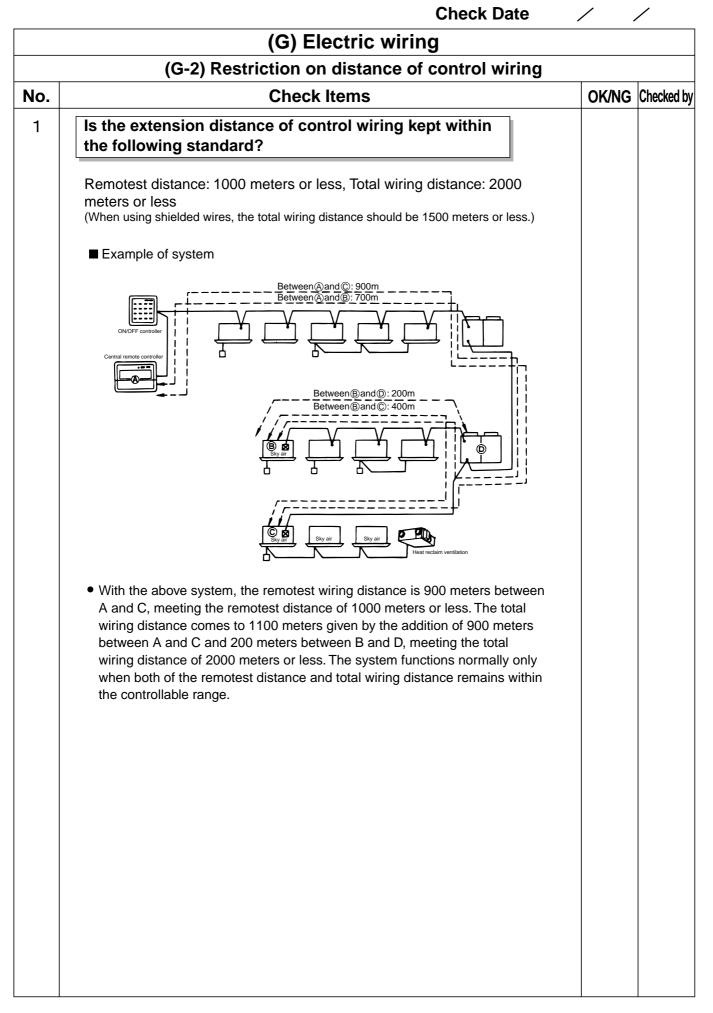


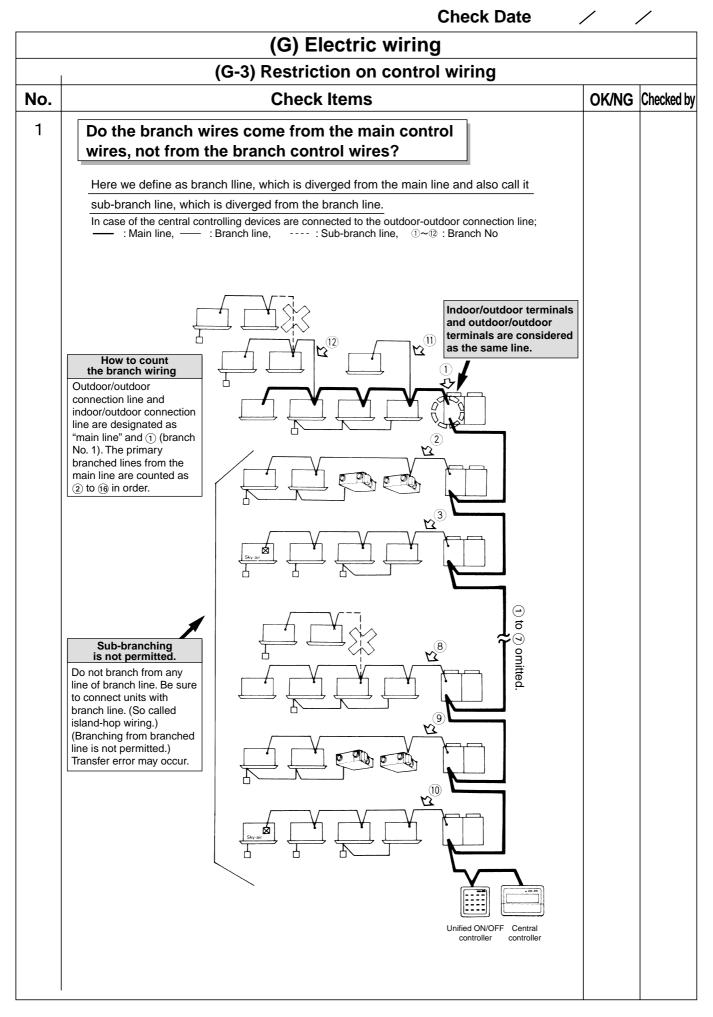




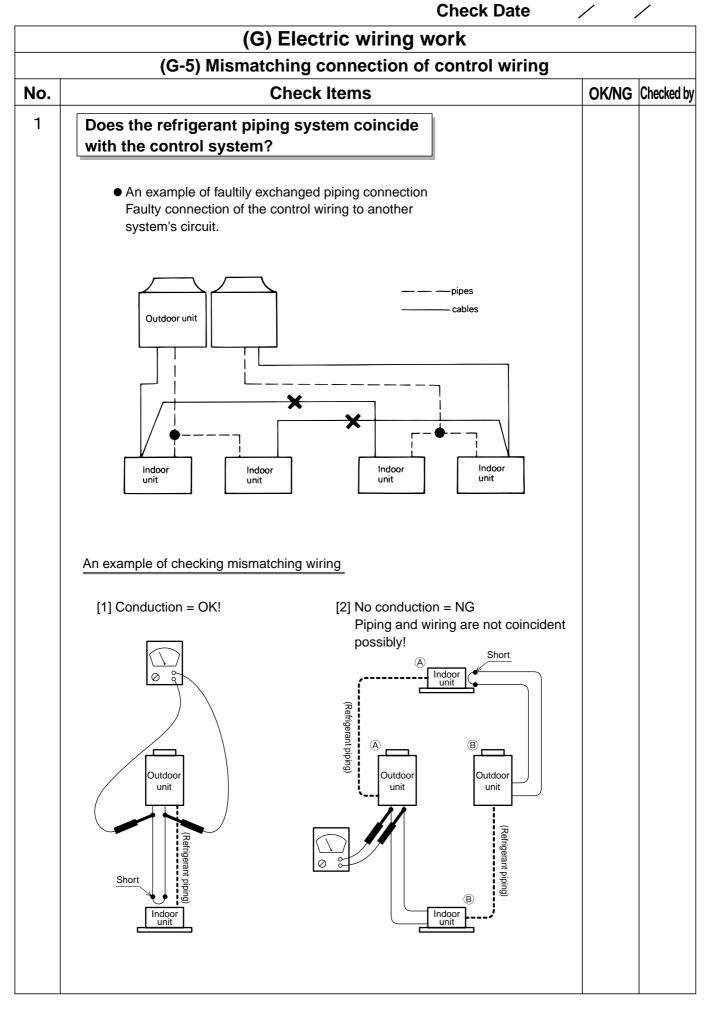
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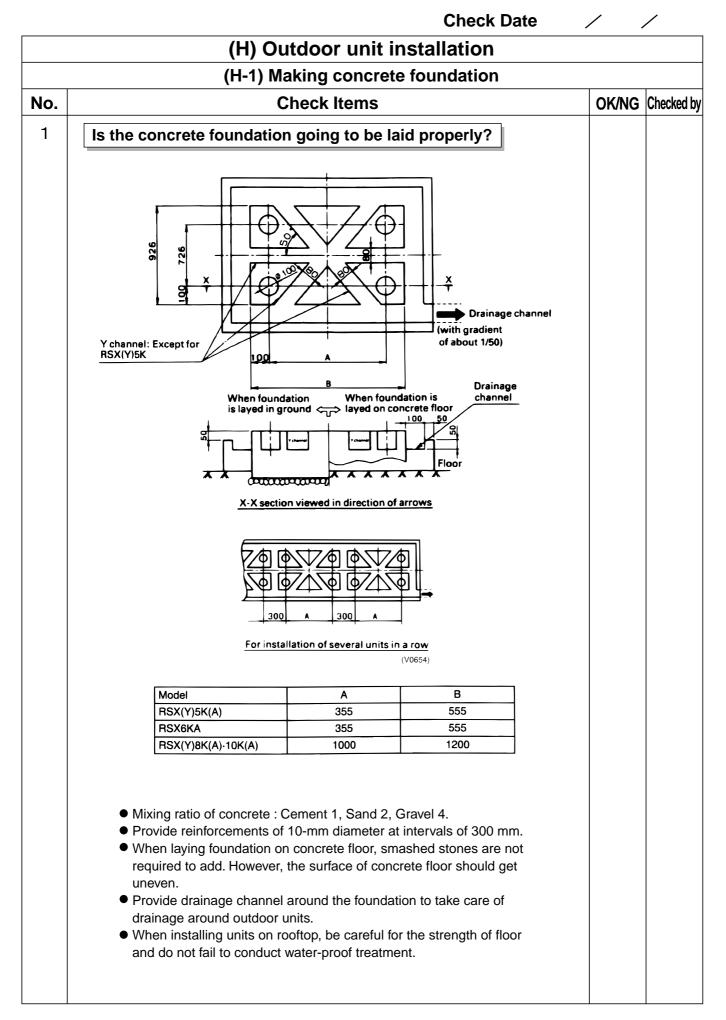
	Check Date	/ /	
	(G) Electric wiring		
	(G-1) Checking control wiring		
No.	Check Items	OK/NG	Checked by
1	When centralized control wiring is conducted, is the wiring conducted properly as shown on the following diagram?		
	Central remote controller F_1, F_2 F_1, F_2 F		
	Wiring specifications Power supply wiring 2 mm² Transmission wiring for control 0.75 ~ 1.25 mm² sheathed vinyl cord or cable (double core); max. extension 1000 m (total wiring length 2000 m) Power supply switch 10A		
2	When one remote controller controls multiple indoor units consisted in one group, is the wiring conducted properly for this application?		
	Indoor unit		

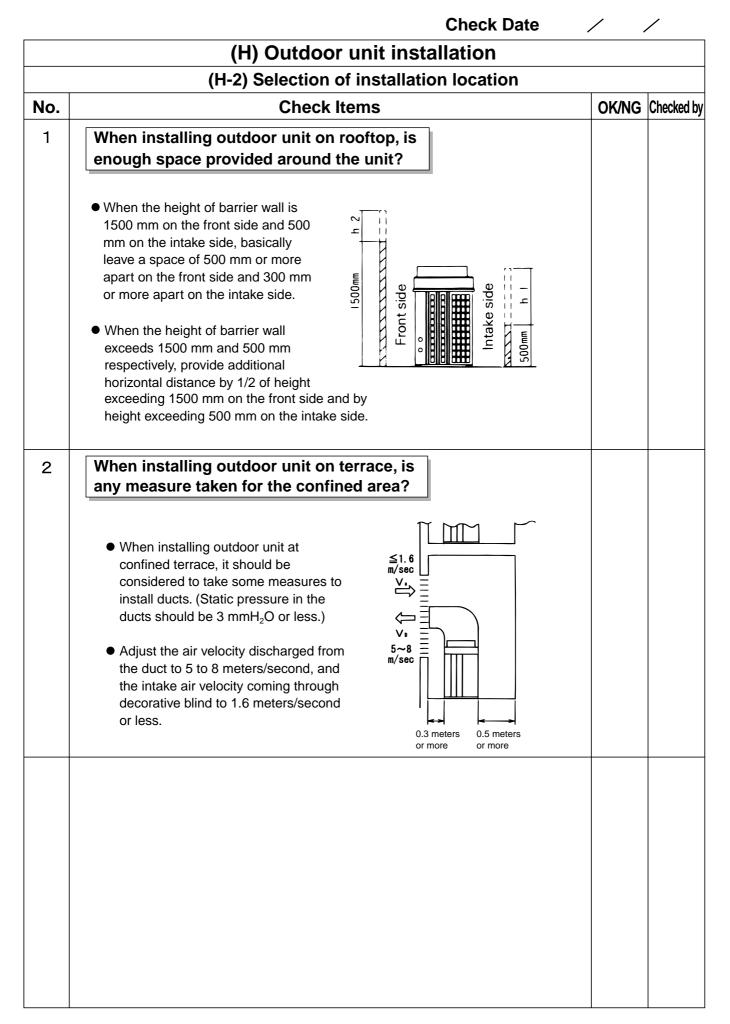


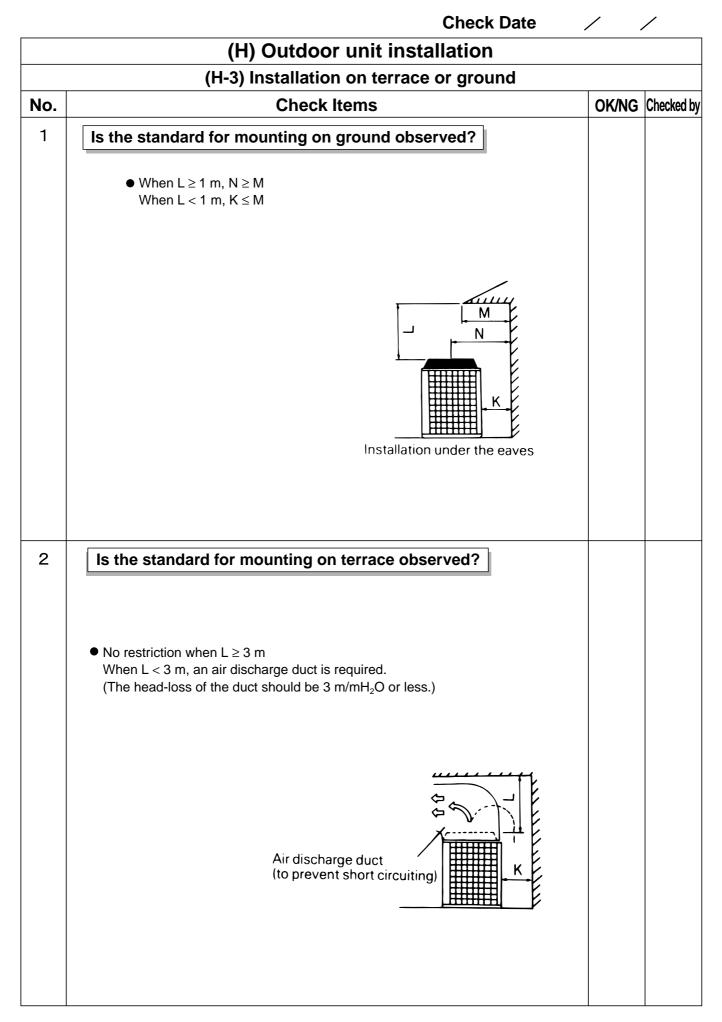


	Check Date	/	/
	(G) Electric wiring work		
	(G-4) Restrictions on control wiring for connecting	devices	
No.	Check Items	OK/NG	Checked by
1	Is the number of connected device with one control system within the specified number shown in the below table?		
	HANDLING EQUIPMENT NUMBER		
	Device <u>connectable</u> (Groups) (Units)		
	Remote 64 16		
	$\begin{array}{c c} \hline \hline$		
	controller (128)		
	OFF controller 8 10, 0 128		
	$\frac{4 10.4 128}{(64)}$		
	Master station $1 \qquad \begin{array}{c} 64 \times 4 \\ 1 \\ (256) \end{array} \qquad \begin{array}{c} 128 \times 4 \\ (512) \end{array}$		

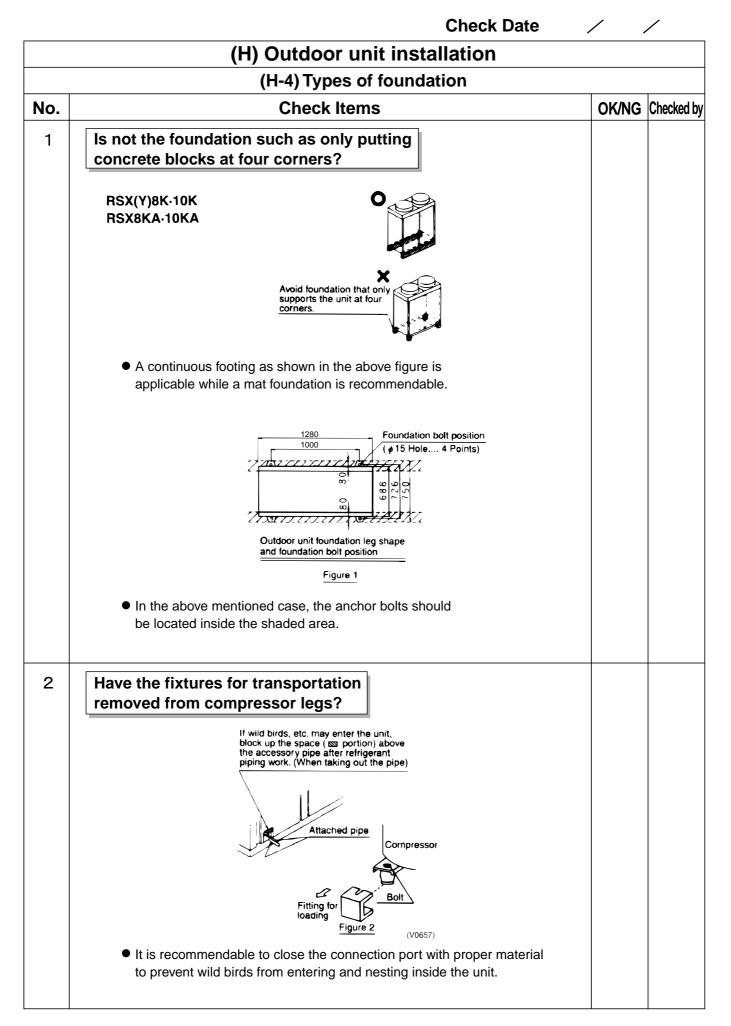


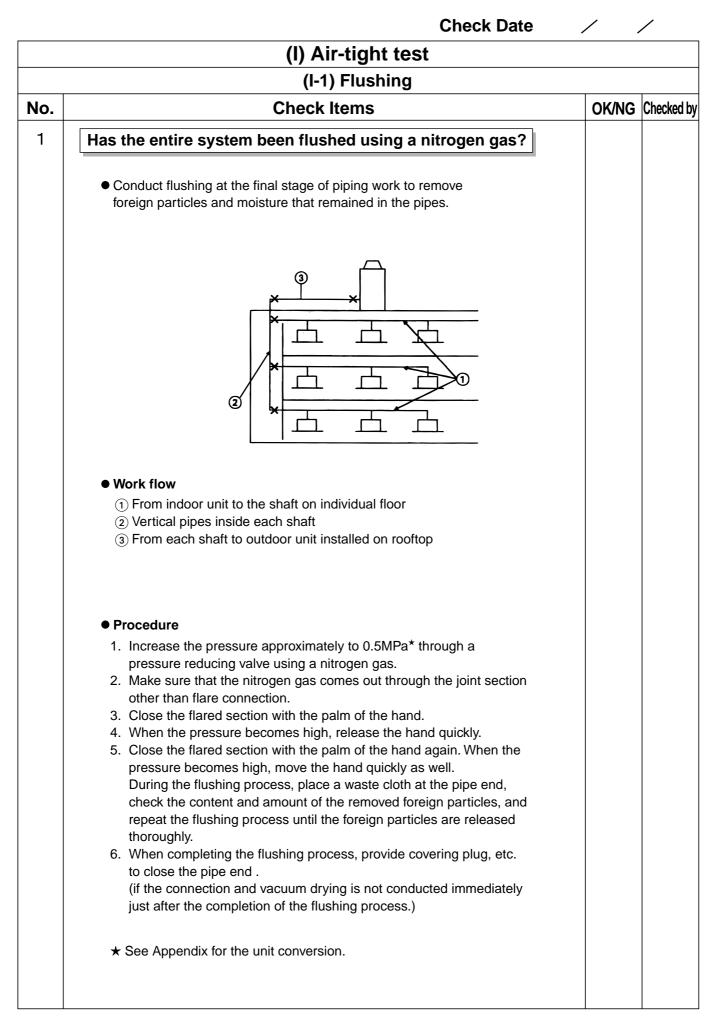


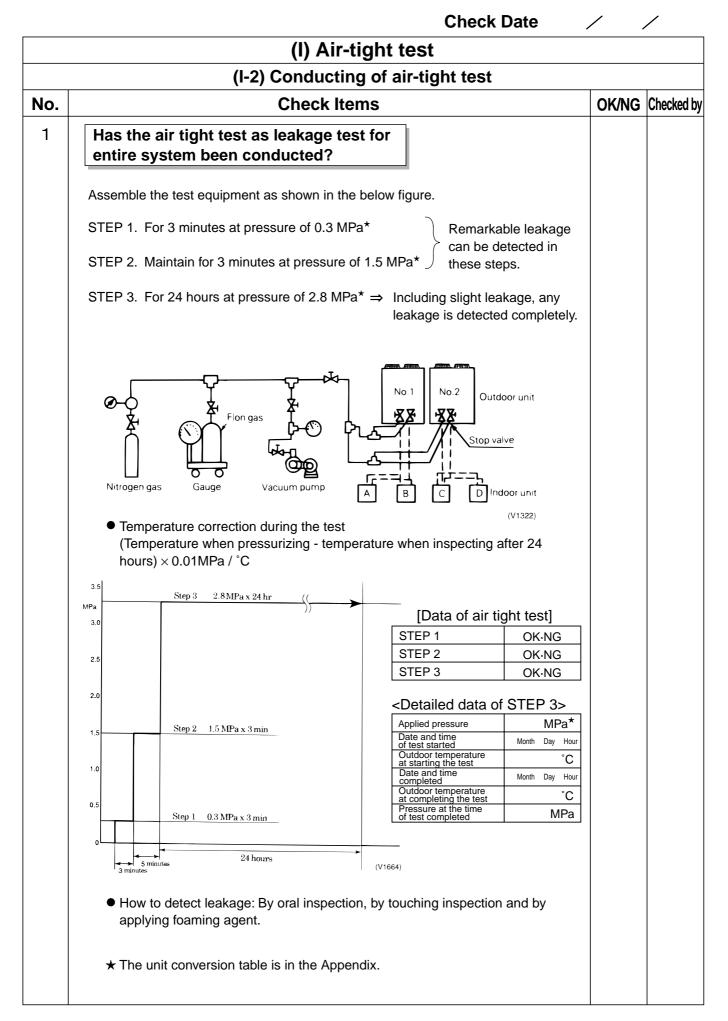




Все каталоги и инструкции здесь: https://splitsystema48.ru/instrukcii-po-ekspluatacii-kondicionerov.html

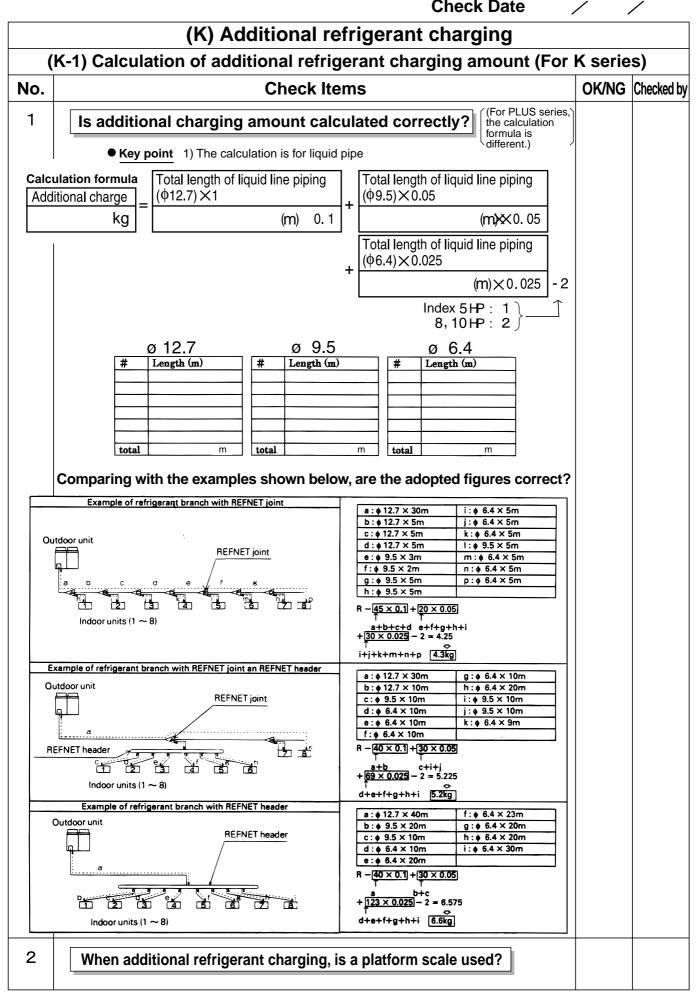




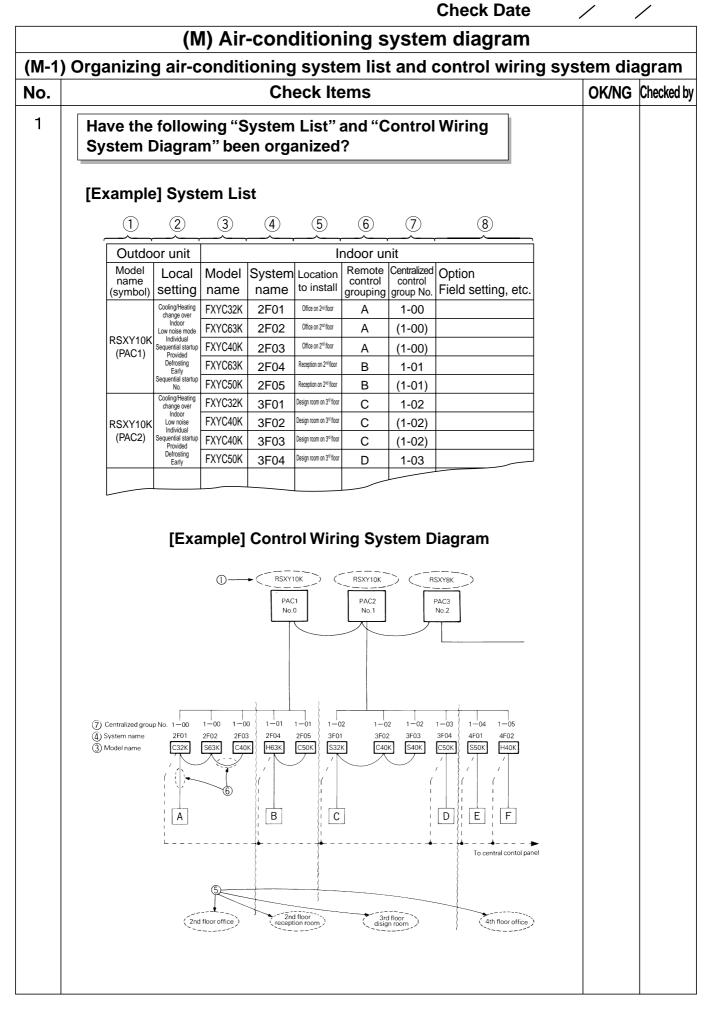


			Ch		/ /	
		(J) Vacuun	n drying			
(J-1) Selection	on of vac	uum pump a	and vacuum	drying actua	al data	
		Check Items	5		OK/NG	Checked
Is the achievat pump selected			ſ			
● Degree of v	acuum shou	ld be in the shade	owed area of be	low figure.		
	Unit	Standard atmosp	beric pressure	Perfect vacuum		
Gauge Pressure	kg/cm ²	0		-1.033		
Absolute Pressure		1.03	33	0		
Torr	Torr	760	0	0		
Micron	Micron	7600	000	0		
cmHg	cmHg	0		076		
Pa	hPa	1013	.33	0		
0 Torr	acuum must	/		60 Torr	1	
	5 T 667 75.5 c	orr Pa cmHg	7 101 0	60 Torr 3.33 hPa cmHg		
0 Torr 0 Pa 78 cmHg Perfect vacuum	5 T 667 75.5 c Vacuum ta	orr Pa cmHg	7 101 0	60 Torr 3.33 hPa		
0 Torr 0 Pa 78 cmHg	5 T 667 75.5 d Vacuum ta	forr Pa cmHg urget value	7 101 0 Standard atn	60 Torr 3.33 hPa cmHg		





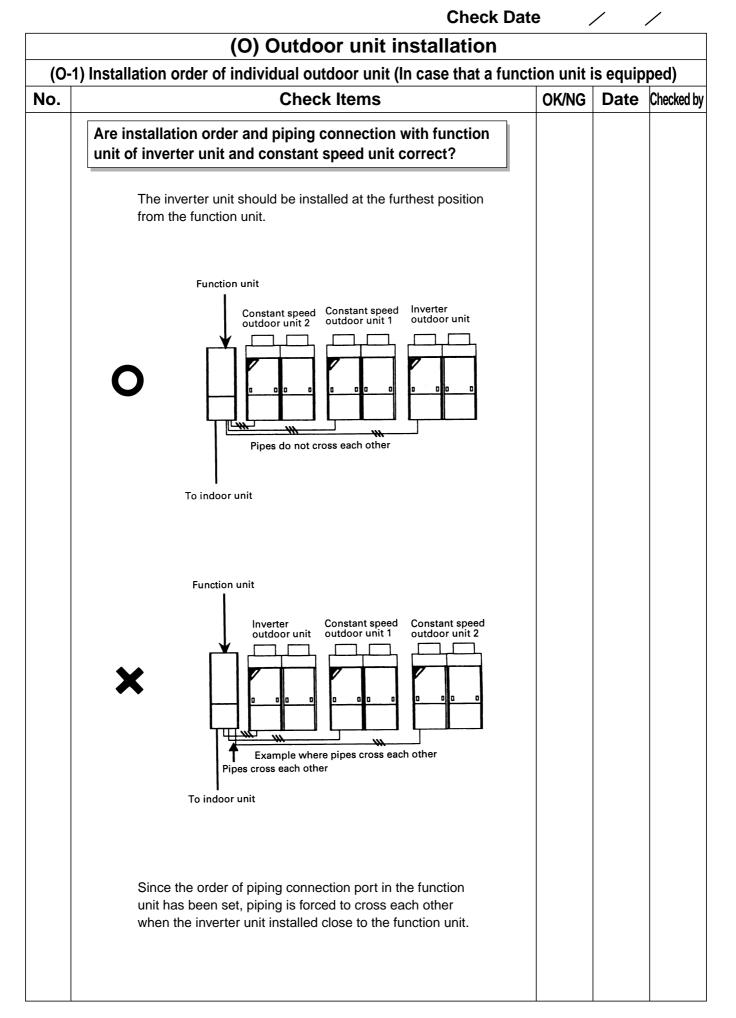
Check Date / / (L) Decorative panel installation (L-1) Maintaining levelness of decorative panel No. **Check Items** OK/NG Checked by 1 Is decorative panel installed horizontally? • Since insufficient tightening of screws causes poor workmanship shown below, securely tighten the screws. Air leakage Air leakage from ceiling surface Dirt generation 00 Dewing, dew drooping Is there any clearance left between the 2 ceiling surface and decorative panel? • Should a clearance be left between the ceiling surface and decorative panel even by tightening the screws, re-adjust the installation height of the main unit of indoor unit. 曲 Mount decorative panel without any clearance between the ceiling surface. Advice on a single point D • The installation height of the main body of indoor unit can be adjusted from a hole provided at a corner of decorative panel with decorative panel installed in a range that the adjustment does not affect the levelness of indoor unit, drain piping, etc.



VRV PLUS Series

Only peculiar problems of Plus series are described in this chapter. As for installation of indoor unit and setting of switch, refrigerant piping and drain piping, control system relating with central remote control, etc. are the same as K series. Therefore, relevant sheet in the previous chapter can be selected and used for those of Plus series.

	Check Date	/ .	/
	(N) Switch setting for outdoor units		
	(N-1) Switch setting meeting the number of outdoor unit	S	
No.	Check Items	OK/NG	Checked by
1	When the outdoor unit is equipped with function unit, has the number of outdoor units set through a switch in advance?		
	 Setting on function unit BC3K (cooling only), BL3K (cooling and heating) and BR3K (heat recovery) are equipped with outdoor units number setting switch SS3. Set the number to the specified number using the SS3. 3-unit setting SS3 		
	• Setting on outdoor unit Constant speed unit is equipped with switch SS2. Set to "3" or "2" using the SS2.		
	3-unit setting Constant Speed type (2) Constant type unit 23 OUT 23 OUT NO. SS2 SS2 SS2 SS2		
	 The capacity of constant speed unit 1 should be larger than that of 2 		
	2-unit setting Function Speed type type Unit 2 3 OUT NO. SS2 SS2 SS2 SS2 SS2 SS2 SS2 SS		



				Check Date	e,	/	/
	(P)	Additiona	l refrige	rant charging			
	(P-1) Calculat	tion of addit	ional refri	gerant charging	amour	nt	
No.					OK/NG		Checked by
1	le the calculation of						
1				quiù pipes :			
2	Is the calculation f and series taken?						
	by the following $R = \sum (G \times L) + Here; R: AdditioL : LengthG: Refrige\alpha : Additiomodel$						
		ulation conducted in terms of liquid pipes? ulation formula based on individual model s taken? mal refrigerant charging amount "R" is calculated following formula. (G X L) + α R: Additional refrigerant charging amount (kg) L: Length per each pipe diameter (m) G: Refrigerant charging amount per 1-m pipe (kg/m) α : Additional weight constant determined by each model (kg) "G XL" Calculation Table umeter liameter) G (kg/m) L (m) Q 0.360					
	Pipe diameter (Outside diameter)	G (kg/m)	L (m)	G imes L (kg)			
	22.2						
	19.1						
	15.9						
	12.7						
	9.5						
	6.4		nt amount)				
	α value of model with frunitSeriesFunction unitHeatBL2KpumpBL3KCoolingBC2KonlyBC3KHeatBR2K	$ \begin{array}{cccc} \text{unction} & \alpha \\ & u \\ \hline \alpha (kg/m) \\ \hline 2 \\ \hline 3 \\ \hline 2 \\ \hline 3 \\ \hline 6 \\ \hline 8 \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	value of moc nit Series Heat RS pump	Model α (kg) (Y 16 0 18 0 20 0.8 24 0 26 0.6 28 0 30 0.3			
3	Is not the pipe connec	ction method w	rong?				



(1) Pressure unit conversion table

Absolute pressure kg/cm ²	Gauge pressure kg/cm ² G	Gauge pressure MPa (Mega Pascal)
41	40	3.92
40	39	3.82
39	38	3.73
38	37	3.63
37	36	3.53
36	35	3.43
35	34	3.33
34	33	3.24
33	32	3.14
32	31	3.04
31	30	2.94
30	29	2.84
29	28	2.75
28	27	2.65
27	26	2.55
26	25	2.45
25	24	2.35
24	23	2.26
23	22	2.16
22	21	2.06
21	20	1.96
20	19	1.86
19	18	1.77
18	17	1.67
17	16	1.57
16	15	1.47
15	14	1.37
14	13	1.27
13	12	1.18
12	11	1.08
11	10	0.98
10	9	0.88
9	8	0.78
8	7	0.69
7	6	0.59
6	5	0.49
5	4	0.39
4	3	0.29
3	2	0.20
2	1	0.10
1	0	0
0	-1	-0.1

[Notes]

2)Gauge pressure originally equals to (Absolute pressure value) - 1.033 kg/cm². However, (Absolute pressure value)
- 1.0 kg/cm² is applied for convenience's sake.

- 3)Further, in the air conditioning industry, the MPa is rounded off to the first decimal place for the practical use in many cases. This is not wrong in use and convenient to read since 1/10 of kg/cm² becomes equal to MPa, and does not cause any serious problem in the practical use.
- 4)This manual describes many examples making the kg/cm² value 1/10 to use as MPa. However, refer to this table when more accurate pressure conversion is required.

This table is prepared based on the ratio of 1 kg/cm² = 0.0981MPa and rounded off to the second decimal place.

(2) Simultaneous check list for plural-system.

Project name:			
System name:	(Model name) Outdoor unit:	Indoor unit:	
	(Installation site) Outdoor unit:	Indoor unit:	

ltere	O wash at	NLa	Dawa	Preparati	on prior to	operation	Demender
ltem	Symbol	No.	Page	OK/NG	Date	Name	Remarks
A Arrangement with	A-1	1	1				
constructor		2					
B Installation of	B-1	1	2				
indoor unit	B-2	1	3				
C Refrigerant piping	C-1-(1)	1					
work		2	4				
		3					
	C-1-(2)	1	5				
	C-2	1	6				
		2					
	C-3	1	7				
	C-4	1	8				
	C-5	1					
D Piping connection	D-1-(1)	1	9				
work		2					
		3					
	D-1-(2)	1	10				
		2					
	D-2	1	11				
	D-3	1	12				
		2					
	D-4-(1)	1	13				
		2					
		3					
	D-4-(2)	1	14				
E Drain piping	E-1	1	15				
	E-2	1	16				
	E-3	1	17				
		2					
	E-4	1	18				
	E-5	1					
F Duct work	F-1	1	19				
		2					
	F-2	1	20				
		2					

Item	Symbol	No.	Dogo	Preparation	on prior to	operation	Remarks
nem	Symbol	INO.	Page	OK/NG	Date	Name	Remarks
G Electrical work	G-1	1	21				
		2					
	G-2	1	22				
	G-3	1	23				
	G-4	1	24				
	G-5	1	25				
H Installation of	H-3	1	28				
outdoor unit		2					
	H-4	1	29				
		2					
I Air tight test	I-1	1	30				
	I-2	1	31				
J Vacuum drying	J-1	1	32				
K Refrigerant	K-1	1	33				
additional charging		2					
L Installation of decoration panel	L-1	1	34				
M Air conditioning system line	M-1	1	35				
Plus series							
N Outdoor unit switch	N-1	1	37				
O Installation of outdoor unit	O-1	1	38				
P Refrigerant additional charging	P-1	1	39				

(3) VRV system operation check list

Date of inspection	year	month	day
Date of supply	year	month	day
Date of delivery	year	month	day

Outdoor unit

Series		Division unit	Installation site	Model name	Serial No.
	K, KA				
	No function unit	Master unit			
P	(New KA series)	Slave unit			
L	Eupotion unit provided	Function unit			
U	(Conventional K	Constant speed outdoor unit 1			
S		Constant speed outdoor unit 2			
		Inverter unit			

Indoor unit

No	Installation site	Model name	Serial No.	Group No.	No	Installation site	Model name	Serial No.	Group No.
1					16				
2					17				
3					18				
4					19				
5					20				
6					21				
7					22				
8					23				
9					24				
10					25				
11					26				
12					27				
13					28				
14					29				
15					30				

Field setting

Cool/heat mode switching (Setting mode 1)		Cool/heat mode switching setting (SS1)		Low noise input			sequential startup			
Individual	Unified master	Unified slave	Indoo	r C	Dutdoor	Provide	ed	None	Provided	None
Tc Te			Defrost		Refrigerant charging					
Normal	High	Low	Normal	High	Low	Normal	High	Low		kg

Company name

Inspector

System name

Prior to power ON

	Prior to power				
	Check item		Standard (Guide line)		Judgen
	Breaker capacity	Visual check	Specified capacity	OK/NG	
Function unit	Refrigerant piping line	With gas leakage detector	No leakage	OK/NG	
	Terminal connection section	With driver, etc.	No loosening	OK/NG	
nit	Refrigerant piping line	With gas leakage detector	No leakage	OK/NG	
outdoor unit	Heat exchanger	Visual check	No clogging, no damage	OK/NG	
op	Terminal connection section	With driver, etc.	No loosening	OK/NG	
outi	Insulation of fan motor	with 500 V megger	1 MΩ or more	ΜΩ	
NV 0	Insulation of compressor	with 500 V megger	1 MΩ or more	ΜΩ	
	Installation condition	Visual check	No air short circuit, etc.	OK/NG	
1	Refrigerant piping line	With gas leakage detector	No leakage	OK/NG	
Init	Heat exchanger	Visual check	No clogging, no damage	OK/NG	
STD outdoor unit	Terminal connection section	With driver, etc.	No loosening	OK/NG	
utdo	Insulation of fan motor	with 500 V megger	1 MΩ or more	MΩ	
0 0	Insulation of compressor	with 500 V megger	1 MΩ or more	ΜΩ ΜΩ	
STI	Installation condition	Visual check	No air short circuit, etc.	OK/NG	
	Refrigerant piping line	With gas leakage detector	No leakage	OK/NG	
STD outdoor unit (2)	Heat exchanger	Visual check	No clogging, no damage	OK/NG	
or u	Terminal connection section	With driver, etc.	No loosening	OK/NG	
tdo	Insulation of fan motor	with 500 V megger	1 M Ω or more	ΜΩ	
no (Insulation of compressor	with 500 V megger	1 M Ω or more	ΜΩ ΜΩ	
E	Installation condition	Visual check	No air short circuit, etc.	OK/NG	
				Room 1 OK/NG Room 2 OK/NG Room 3 OK/NG Room 4 OK/NG Room 5 OK/NG	
		With gas leakage		Room 6 OK/NG Room 7 OK/NG Room 8 OK/NG Room 9 OK/NG Room 10 OK/NG	
	Refrigerant		No leakage	Room 11 OK/NG Room 12 OK/NG Room 13 OK/NG Room 14 OK/NG Room 15 OK/NG	
	nining line				
	piping line	detector		Room 16 OK/NG Room 17 OK/NG Room 18 OK/NG Room 19 OK/NG Room 20 OK/NG	
_				Room 21 OK/NG Room 22 OK/NG Room 23 OK/NG Room 24 OK/NG Room 25 OK/NG	
				Room 26 OK/NG Room 27 OK/NG Room 28 OK/NG Room 29 OK/NG Room 30 OK/NG	
	Air filter Visual ch		No clogging, no damage	Room 1 OK/NG Room 2 OK/NG Room 3 OK/NG Room 4 OK/NG Room 5 OK/NG	
		Visual check		Room 6 OK/NG Room 7 OK/NG Room 8 OK/NG Room 9 OK/NG Room 10 OK/NG	
				Room 11 OK/NG Room 12 OK/NG Room 13 OK/NG Room 14 OK/NG Room 15 OK/NG	
				Room 16 OK/NG Room 17 OK/NG Room 18 OK/NG Room 19 OK/NG Room 20 OK/NG	
				Room 21 OK/NG Room 22 OK/NG Room 23 OK/NG Room 24 OK/NG Room 25 OK/NG	
				Room 26 OK/NG Room 27 OK/NG Room 28 OK/NG Room 29 OK/NG Room 30 OK/NG	
				Room 1 OK/NG Room 2 OK/NG Room 3 OK/NG Room 4 OK/NG Room 5 OK/NG	
				Room 6 OK/NG Room 7 OK/NG Room 8 OK/NG Room 9 OK/NG Room 10 OK/NG	
	Heat	Visual check	No clogging,	Room 11 OK/NG Room 12 OK/NG Room 13 OK/NG Room 14 OK/NG Room 15 OK/NG	
	exchanger	VISUAI ONCOR	no damage	Room 16 OK/NG Room 17 OK/NG Room 18 OK/NG Room 19 OK/NG Room 20 OK/NG	
ц				Room 21 OK/NG Room 22 OK/NG Room 23 OK/NG Room 24 OK/NG Room 25 OK/NG	
Indoor unit				Room 26 OK/NG Room 27 OK/NG Room 28 OK/NG Room 29 OK/NG Room 30 OK/NG	
8				Room 1 MΩ Room 3 MΩ Room 4 MΩ Room 5 MΩ	
Ы				Room 6 MΩ Room 8 MΩ Room 9 MΩ Room 10 MΩ	
	Insulation of	With 500 V	1 140 -	Room 11 MΩ Room 12 MΩ Room 13 MΩ Room 14 MΩ Room 15 MΩ	
	fan motor	megger	1 MΩ or more	Room 16 MΩ Room 17 MΩ Room 18 MΩ Room 19 MΩ Room 20 MΩ	
		- 33		Room 21 MΩ Room 22 MΩ Room 23 MΩ Room 24 MΩ Room 25 MΩ	
				Room 26 MΩ Room 27 MΩ Room 28 MΩ Room 29 MΩ Room 30 MΩ	
				Room 1 MΩ Room 2 MΩ Room 3 MΩ Room 4 MΩ Room 5 MΩ	
				$\frac{1}{1000} \frac{1}{1000} \frac{1}{10000} \frac{1}{10000} \frac{1}{10000} \frac{1}{100000} \frac{1}{1000000} \frac{1}{10000000000000000000000000000000000$	
	Insulation of	With 500 V			
			1 M Ω or more		
	aux. heater	megger		Room 16 MΩ Room 17 MΩ Room 18 MΩ Room 19 MΩ Room 20 MΩ Down 04 MΩ Down 02 MΩ Down 02 MΩ Down 02 MΩ	
				$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
				Room 26 MΩ Room 27 MΩ Room 28 MΩ Room 29 MΩ Room 30 MΩ	
				Room 1 OK/NG Room 20 K/NG Room 3 OK/NG Room 4 OK/NG Room 5 OK/NG	
				Room 6 OK/NG Room 7 OK/NG Room 8 OK/NG Room 9 OK/NG Room 10 OK/NG	
	Installation	Visual check	No air short	Room 11 OK/NG Room 12 OK/NG Room 13 OK/NG Room 14 OK/NG Room 15 OK/NG	
	condition		circuit, etc.	Room 16 OK/NG Room 17 OK/NG Room 18 OK/NG Room 19 OK/NG Room 20 OK/NG	
				Room 21 OK/NG Room 22 OK/NG Room 23 OK/NG Room 24 OK/NG Room 25 OK/NG	
		1	1		1

During operation

	Check item	Check method	Standard (Guide line)	ide line) Actual measurement Judgement									
			Stanuaru (Gulue IIIIe)	Actual measurement									
Function unit	Power supply voltage	With tester	Rated voltage ± 10 %	6 V									
	Main power voltage	With tester	Rated voltage ± 10 %	R-S	V	S-T	V	R-T	V				
	Operation circuit voltage	With tester	Rated voltage ± 10 %	V									
	Fan rotating direction	Visual check	Rotates in normal direction	OK/NG									
INV outdoor unit	Fan noise, vibration	Acoustic check, etc.	No abnormal noise nor vibration										
	Fan operation current	With clamp meter		Α									
	Suction air temperature	Thermometer	Temperature difference, when cooling: 9 to 11 °C										
	Discharge air temperature	Thermometer	when heating: 2 to 3.5 °C										
	Compressor suction pressure	Pressure gauge		INV		MPa*	STD		MPa*				
\geq	Compressor discharge pressure	Pressure gauge		INV	MPa*		STD		MPa*				
≤	Compressor operating current	With clamp meter	Difference between phases: within 1 A	INV		А	STD		А				
	Compressor operation frequency	With clamp meter		Hz									
	Suction pipe temperature	Thermometer	3~15°C	INV		°C	STD		°C				
	Discharge pipe temperature	Thermometer	85~105°C	INV		°C	STD		°C				
	Crank case heater	Touching check	Becomes warm	INV		OK/NG	STD		OK/NG				
	Main power voltage	With tester	Rated voltage ± 10 %	R-S	V	S-T	V	R-T	V				
	Operation circuit voltage	With tester	Rated voltage ± 10 %	V									
Ð	Fan rotating direction	Visual check	Rotates in normal direction	OK/NG									
	Fan noise, vibration	Acoustic check, etc.	No abnormal noise nor vibration										
	Fan operation current	With clamp meter		А									
L un	Suction air temperature	Thermometer	Temperature difference, when cooling: 9 to 11 °C	°C									
0 p	Discharge air temperature	Thermometer	when heating: 2 to 3.5 °C	°C									
outdoor unit	Compressor suction pressure	Pressure gauge		STD1		MPa	STD2		MPa				
STD	Compressor discharge pressure	Pressure gauge		STD1		MPa			MPa				
S	Compressor operating current	With clamp meter	Difference between phases: within 1 A	STD1		А	STD2		А				
	Suction pipe temperature	Thermometer	3~15°C	STD1	°C		STD2		°C				
	Discharge pipe temperature	Thermometer	85~105°C	STD1	°C		STD2		°C				
	Crank case heater	Touching check	Becomes warm	STD1	OK/NG		STD2		OK/NG				
	Main power voltage	With tester	Rated voltage ± 10 %	R-S	V	S-T	V	R-T	V				
	Operation circuit voltage	With tester	Rated voltage ± 10 %	V									
	Fan rotating direction	Visual check	Rotates in normal direction	OK/NG									
3	Fan noise, vibration	Acoustic check, etc.	No abnormal noise nor vibration										
outdoor unit	Fan operation current	With clamp meter		A									
	Suction air temperature	Thermometer	Temperature difference, when cooling: 9 to 11 °C	°C									
	Discharge air temperature	Thermometer	when heating: 2 to 3.5 °C	°C									
outc	Compressor suction pressure	Pressure gauge		STD1	MPa		STD2		MPa				
STD 0	Compressor discharge pressure	Pressure gauge		STD1	MP		STD2		MPa				
	Compressor operating current	With clamp meter	Difference between phases: within 1 A	STD1	A		STD2		А				
	Suction pipe temperature	Thermometer	3~15°C	STD1	°C		STD2		°C				
	Discharge pipe temperature	Thermometer	85~105°C	STD1	°C		STD2		°C				
	Crank case heater	Touching check	Becomes warm	STD1		OK/NG	STD2	OK/NG					

 \bigstar For unit conversion of pressure, refer to the annex.

System name

During operation

	Check item	Check method	Standard (Guide line)	Actual measurement										Judgement
	Power supply voltage	With tester	Rated voltage ± 10 %	Room 1	V	Room 2	V	Room 3	V	Room 4	V	Room 5	V	
				Room 6	۷	Room 7	V	Room 8	V	Room 9	V	Room 10	V	
				Room 11	۷	Room 12	V	Room 13	V	Room 14	V	Room 15	V	
				Room 16	۷	Room 17	V	Room 18	V	Room 19	V	Room 20	V	
				Room 21	۷	Room 22	V	Room 23	V	Room 24	V	Room 25	V	
				Room 26	۷	Room 27	V	Room 28	۷	Room 29	V	Room 30	V	
	Suction air temperature	- Thermometer	Temperature difference: when cooling, 9 to 13 °C when heating, 15 to 20 °C	Room 1	°C	Room 2	°C	Room 3	°C	Room 4	°C	Room 5	°C	
				Room 6	°C	Room 7	°C	Room 8	°C	Room 9	°C	Room 10	°C	
				Room 11	°C	Room 12	°C	Room 13	°C	Room 14	°C	Room 15	°C	
				Room 16	°C	Room 17	°C	Room 18	°C	Room 19	°C	Room 20	°C	
				Room 21	°C	Room 22	°C	Room 23	°C	Room 24	°C	Room 25	°C	
				Room 26	°C	Room 27	°C	Room 28	°C	Room 29	°C	Room 30	°C	
	Discharge air temperature			Room 1	°C	Room 2	°C	Room 3	°C	Room 4	°C	Room 5	°C	
				Room 6	°C	Room 7	°C	Room 8	°C	Room 9	°C	Room 10	°C	
				Room 11	°C	Room 12	°C	Room 13	°C	Room 14	°C	Room 15	°C	
				Room 16	°C	Room 17	°C	Room 18	°C	Room 19	°C	Room 20	°C	
ij				Room 21	°C	Room 22	°C	Room 23	°C	Room 24	°C	Room 25	°C	
Indoor unit				Room 26	°C	Room 27	°C	Room 28	°C	Room 29	°C	Room 30	°C	
op	Fan rotation direction	Visual check	Rotates in normal direction	Room 1	OK/NG	Room 2	OK/NG	Room 3	OK/NG	Room 4	OK/NG	Room 5	OK/NG	
Ē				Room 6	OK/NG	Room 7	OK/NG	Room 8	OK/NG	Room 9	OK/NG	Room 10	OK/NG	
				Room 11	OK/NG	Room 12	OK/NG	Room 13	OK/NG	Room 14	OK/NG	Room 15	OK/NG	
				Room 16	OK/NG	Room 17	OK/NG	Room 18	OK/NG	Room 19	OK/NG	Room 20	OK/NG	
				Room 21	OK/NG	Room 22	OK/NG	Room 23	OK/NG	Room 24	OK/NG	Room 25	OK/NG	
				Room 26	OK/NG	Room 27	OK/NG	Room 28	OK/NG	Room 29	OK/NG	Room 30	OK/NG	
	Fan noise, vibration	Acoustic check, etc. With clamp meter	No abnormal noise nor vibration	Room 1	OK/NG	Room 2	OK/NG	Room 3	OK/NG	Room 4	OK/NG	Room 5	OK/NG	
				Room 6	OK/NG	Room 7	OK/NG	Room 8	OK/NG	Room 9	OK/NG	Room 10	OK/NG	
				Room 11	OK/NG	Room 12	OK/NG	Room 13	OK/NG	Room 14	OK/NG	Room 15	OK/NG	
				Room 16	OK/NG	Room 17	OK/NG	Room 18	OK/NG	Room 19	OK/NG	Room 20	OK/NG	
				Room 21	OK/NG	Room 22	OK/NG	Room 23	OK/NG	Room 24	OK/NG	Room 25	OK/NG	
				Room 26	OK/NG	Room 27	OK/NG	Room 28	OK/NG	Room 29	OK/NG	Room 30	OK/NG	
	Fan operation current			Room 1	A	Room 2	А	Room 3	A	Room 4	A	Room 5	A	
				Room 6	A	Room 7	А	Room 8	A	Room 9	A	Room 10	A	
				Room 11	A	Room 12	А	Room 13	A	Room 14	A	Room 15	A	
				Room 16	A	Room 17	А	Room 18	A	Room 19	A	Room 20	A	
				Room 20	A	Room 22	А	Room 23	A	Room 24	A	Room 25	Α	
				Room 26	Α	Room 27	А	Room 28	Α	Room 29	A	Room 30	А	



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каталоги, инструкции, сервисные мануалы, схемы.