Check Of Density Limit - Sanyo SPW-X483GH56 Installation Instruction

Eco multi system air conditioner

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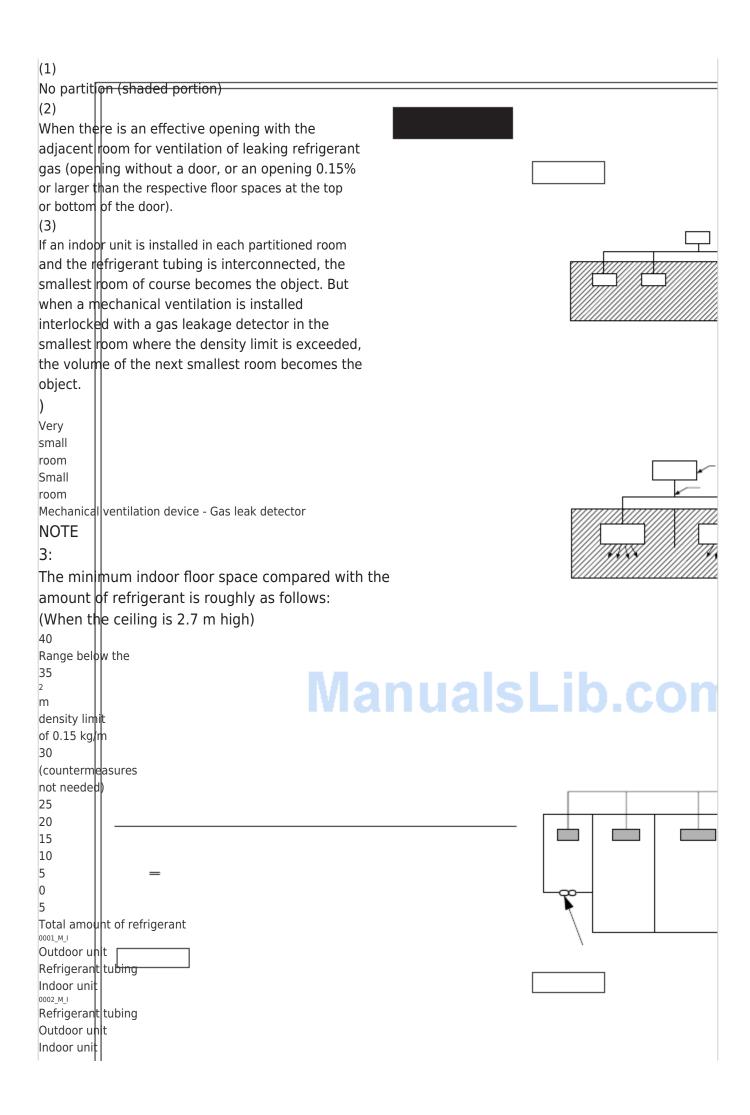






Check of Density Limit The room in which the air conditioner is to be installed requires a design that in the event of refrigerant gas leaking out, its density will not exceed a set limit. The refrigerant R-22 which is used in the air conditioner is safe, without the toxicity or combustibility of ammonia, and is not restricted by laws to be imposed which protect the ozone layer. However, since it contains more than air, it poses the risk of suffocation if its density should rise excessively. Suffocation from leakage of R-22 is almost non-existent. With the recent increase in the number of high density buildings, however, the installation of multi air conditioner systems is on the increase because of the

need for effective use of floor space, individual control,	
energy conservation by curtailing heat and carrying	
power etc.	
Most importantly, the multi air conditioner system is abl	
to replenish a large amount of refrigerant compared with	
conventional individual air conditioners. If a single unit of the multi air conditioner system is to be installed in a	
small room, select a suitable model and installation	
procedure so that if the refrigerant accidentally leaks out,	
its density does not reach the limit (and in the event of an	
emergency, measures can be made before injury can	<i></i>
occur).	
In a room where the density may exceed the limit, create	
an opening with adjacent rooms, or install mechanical	
ventilation combined with a gas leak detection device.	
The density is as given below.	
Total amount of refrigerant (kg)	
Min. volume of the indoor unit installed room (m	
>	
Density imit (kg/m	
The density limit of R-22 which is used in multi air	
conditioners is 0.15 kg/m	
1 : If there are 2 or more refrigerating	
NOTE	
systems in a single refrigerating	
device, the amounts of refrigerant	(//////////////////////////////////////
should be as charged in each	
independent device.	
e.g., charged	
amount (10 kg)	
Room A Room B Room C Room D Room E Room F For the amount of charge in this example:	l ih con
For the amount of charge in this example:	LID.GUII
The possible amount of leaked refrigerant gas in	
rooms A, B and C is 10 kg.	
The possible amount of leaked refrigerant gas in	
rooms D, E and F is 15 kg.	
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	L
Outdoor unit	\
e.g.,	\
charged a mount (15 kg)	\
Indoor unit	
2 : The standards for minimum room	
NOTE	
volume are as follows.	



Medium		
Large room		
room		•
Range above		
the density limit		•
of 0.15 kg/m		
(countermeasures		
needed)		
10		
15		\Box
0813_M_I 0003_M_I		
kg		
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Related Manuals for Sanyo SPW-X483GH56

<u>Air Conditioner Sanyo SPW-U253GH56 Service Manual</u>

Air Conditioner Sanyo SPW-D253GH56 Service Manual

Split system (108 pages)

Air Conditioner Sanyo SPW-T253GH56 Service Manual

Split system (106 pages)

Air Conditioner Sanyo SPW-X253GH56 Service Manual

Split system (105 pages)

Air Conditioner Sanyo 2-WAY ECO-i SPW-C0705DXHN8 Service Manual

Multi system (143 pages)

<u>Air Conditioner Sanyo SPW-C1155DXHN8 Technical Data & Service</u> Manual

2-way eco-i multi system (242 pages)

Air Conditioner Sanyo ECOi C0705DXHN8 Brochure & Specs

2 and 3 pipe electric vrf systems (10 pages)

Air Conditioner Sanyo MINI ECO-i SPW-CR365GXH56B Service Manual

(252 pages)

Air Conditioner Sanyo SPW-D253G56 Service Manual

Split system air conditioner (66 pages)

Air Conditioner Sanyo SPW-CR365GXH56 Technical Data Manual

Mini eco-i system (346 pages)

Air Conditioner Sanyo SPW-C483GYH8 Service Manual

Eco multi system (235 pages)

Air Conditioner Sanyo SPW-C256VH Technical Data & Service Manual

4-way air discharge semi-concealed wall-mounted ceiling-mounted concealed-duct (517 pages)

Air Conditioner Sanyo Big PACi 18 Series Technical Data & Service Manual

Big pack i dc inverter (275 pages)

Air Conditioner Sanyo SPW-CR1503GDYH8 Technical Data & Service

Manual

W-eco multi system series (377 pages)

Air Conditioner Sanyo SPW-XR253GH56 Technical Data & Service

Manual

(223 pages)

Air Conditioner Sanyo SPW-XR254EH56 Installation And Operation

Manual

Dc inverter air conditioner (40 pages)

Related Content for Sanyo SPW-X483GH56

SPW-CR365GXH56 Check Of Density Limit

Sanyo SPW-CR365GXH56

R410A Check Of Density Limit

Sanyo R410A

SPW-FTR124EH56 Check Of Density Limit

Sanyo SPW-FTR124EH56

W-3WAY ECO-i 85464369098000 Check Of Density Limit

Sanyo W-3WAY ECO-i 85464369098000

Mini ECO-i 85464359981002 Check Of Density Limit

Sanyo Mini ECO-i 85464359981002

PW-UMR184EXH56 Check Of Density Limit

Sanyo PW-UMR184EXH56

ECO R410A Check Of Density Limit

Sanyo ECO R410A

C4272R S/C Check Of Density Limit

Sanyo C4272R S/C

This manual is also suitable for:

Spw-d483gh56Spw-x363gh56Spw-t363gh56Spw-u363gh56Spw-d363gh56Spw-t483gh56 ... Show all