



# In Case Of Compressor Malfunction - Sanyo CM2472 Technical & Service Manual

Conditioner air system-multi inverter dc



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Troubleshooting



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## Bookmarks





## 9-5. In Case of Compressor Malfunction

CAUTION

### 9-5-1. Procedure for Replacing Compressor

#### (1) Recovering refrigerant

Any remaining refrigerant inside the unit should not be released to the atmosphere, but recovered using the refrigerant recovery unit for R410A.

Do not reuse the recovered refrigerant, since it will contain impurities.

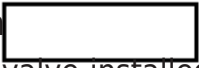
#### (2) Replacing Compressor

Soon after removing seals of both discharge and suction tubes of the new compressor, replace it quickly.

### (3) Checking for sealing

Use nitrogen gas for the pressurized gas, and never use a refrigerant other than R410A. Also do not use oxygen or any flammable gas.

### (4) Evacuation



Use a solenoid valve-installed vacuum pump so that even if power is cut off in the middle of evacuation of air due to a power interruption, the valve will prevent the pump oil from flowing back.

The equipment may be damaged if moisture remains in the tubing, thus carry out the evacuation thoroughly.

When using a vacuum pump with exhaust air volume more than 0.883 cu.ft./min. and ultimate vacuum pressure rate of 50 micron Hg.

#### Standard time for evacuation

Length of tubing

Evacuation time

Should the compressor malfunction, be sure to make the switch to a replacement compressor as quickly as possible.

Use only the tools indicated exclusively for R410A.  
for R410A."

Less than 33 ft. (10 m)

More than 10 minutes

(1) Recover refrigerant

(2) Replace compressor

(3) Check for sealing

(4) Evacuation

(5) Recharge

More than 33 ft. (10 m)

More than 15 minutes

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See "9-3. Tools Specifically

OK

OK

OK

OK

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