

Test Run.; Length - Sanyo R410A Installation Instructions Manual

W-3way eco-i system air conditioner

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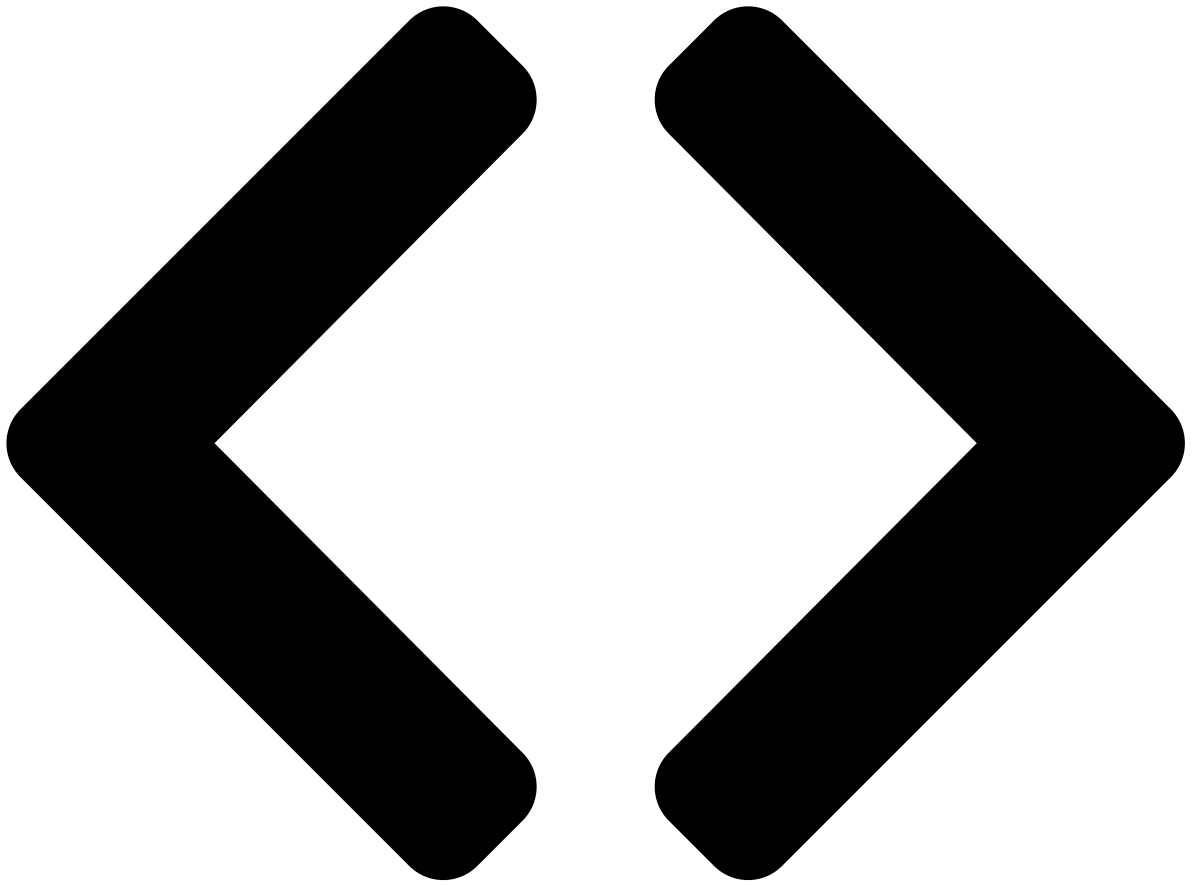
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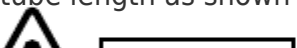
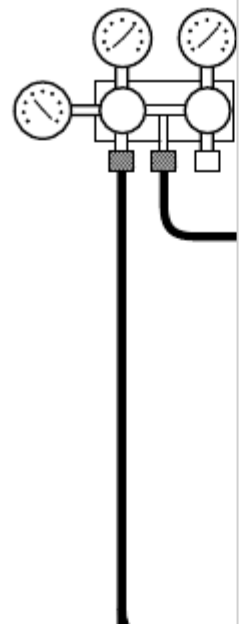
Enlarged version

The **required time** in the above table is calculated based on the assumption that the ideal (or target) vacuum condition is less than -14.7 psig (-755 mm Hg, 5 Torr).
(2) When the desired vacuum is reached, close the "Lo" knob of the manifold valve and turn off the vacuum pump. Please confirm that the gauge pressure is under -14.7 psig (-755 mm Hg, 5 Torr) after 4 to 5 minutes of vacuum pump operation.

Charging additional refrigerant

CAUTION

- Charging additional refrigerant (calculated from the liquid tube length as shown in Section 1-8 "Additional



Refrigerant Charge") using the liquid tube service valve. (Fig. 6-5)

- Use a balance or scale to measure the refrigerant accurately.
- If the additional refrigerant charge amount cannot be charged at once, charge the remaining refrigerant in liquid form by using the suction tube service valve with the system in Cooling mode at the time of test run. (Fig. 6-6)
- Close the valve on the cylinder containing R410A.

Finishing the job

- (1) With a flathead screwdriver, turn the liquid tube service valve counter-clockwise to fully open the valve.
- (2) Turn the all service valve counter-clockwise to fully open the valve.
- (3) Close all stop valves and loosen the "LO" knob of the manifold valve.
- (4) Loosen the charge hose connected to all service port, then remove the hose.
- (5) Replace all valve caps at all service ports and fasten them securely.

This completes air purging with a vacuum pump. The air conditioner is now ready for a test run.

Use a cylinder designed for use with R410A.

Manifold valve

Pressure

Lo

gauge

Suction

tube

Discharge

tube

Liquid

tube

Balance

tube

Suction

tube

Discharge

tube

Liquid

tube

Balance

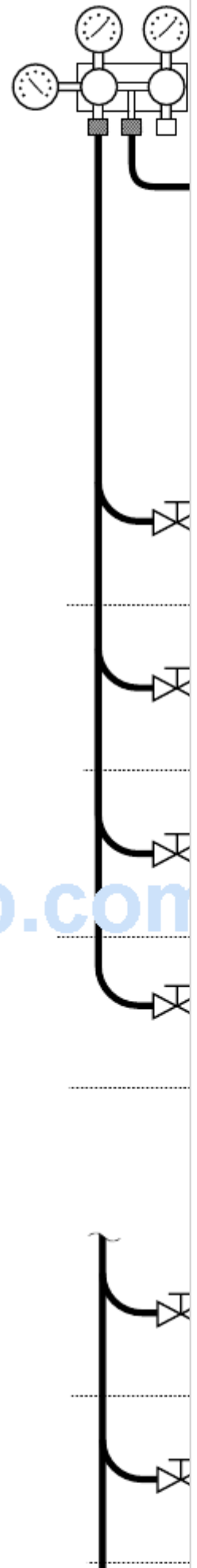
tube

38

Hi

Valve

Liquid



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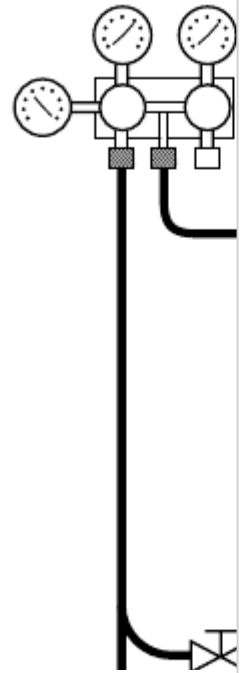
R410A

- Close
- Close
- Close
- Outdoor unit
- Close
- Open
- Close
- Close
- Close

Fig. 6-5

- Open
- Open
- Close
- Outdoor unit
- Open
- Close
- Open
- Close
- Open

Fig. 6-6



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