

General Troubleshooting Flow Chart: Diagnosis And Remedy - Sanyo KH2442 / CH2442 Service Manual

Split system air conditioner

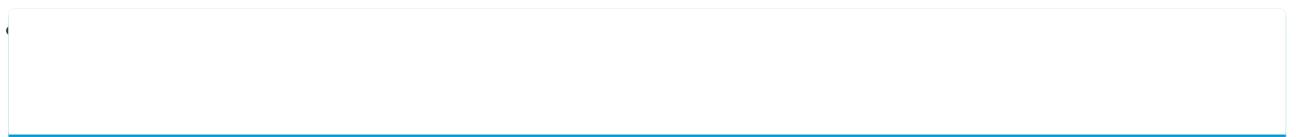
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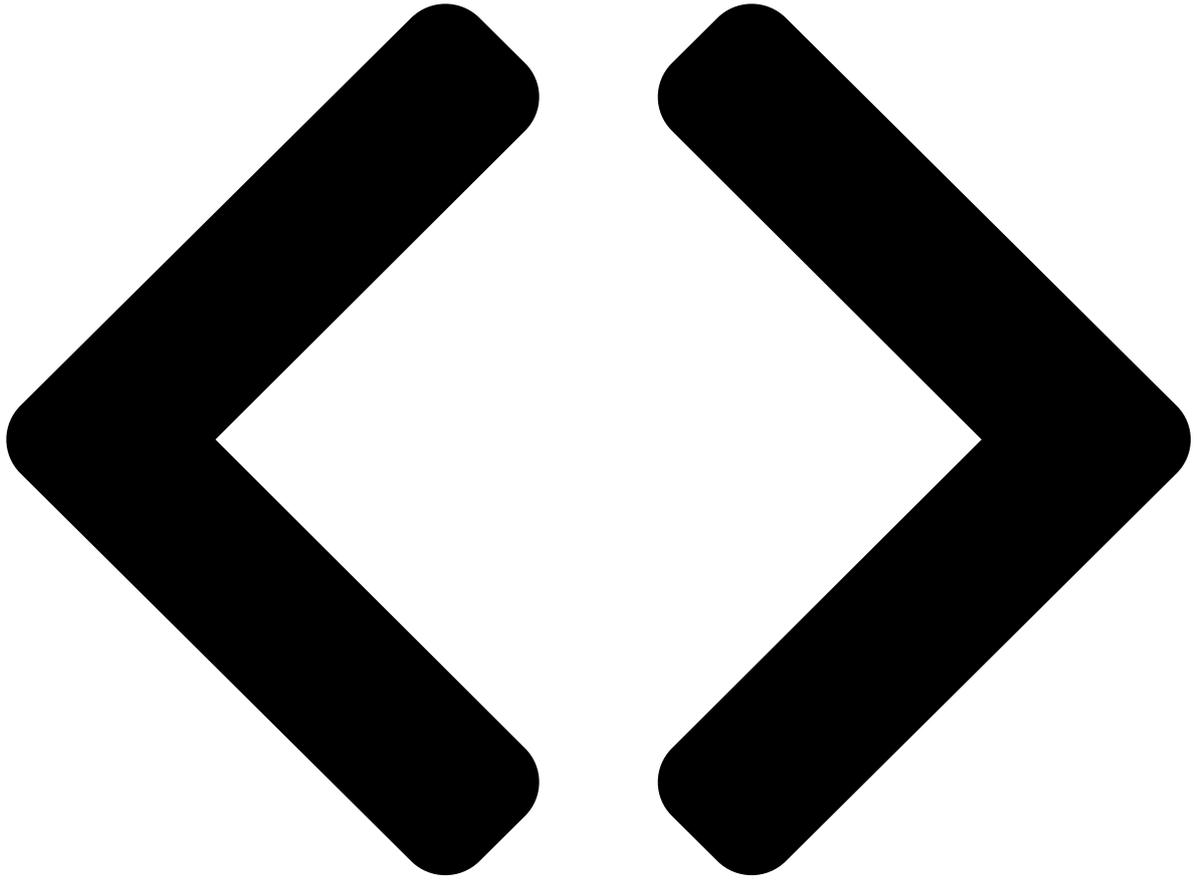
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Troubleshooting

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Bookmarks



(2) General Troubleshooting Flow Chart: Diagnosis and Remedy

When you have found a major problem, such as refrigerant not flowing in the system or reduced air circulation, come to this section and find the box listing the problem.

Connected

to the box are the main causes of the problem and their remedies. To find out which malfunction is happening in your case, check the remote controller for an Alarm

Message,

and follow the steps in section 3).

(A) Cooling

- a. Cooling
- Poor cooling

Refrigerant flow failure
 Not enough air circulation
 Is setting temp. suitable ?
 Is cooling load too heavy ?
 4-way valve is defective.
 Refrigerant shortage
 Electronic refrigerant control valve is defective.
 Compressor is defective.
 Service valves are not fully open.

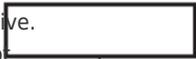
Air filter is clogged.
 Is fan speed set to LOW ?
 Refrigerant tubes between indoor and outdoor units are not insulated.

IV - 4

4. Service procedures

Change the setting temp.
 Review cooling load estimate.
 Replace the 4-way valve.
 Charge refrigerant gas.
 Replace the valve.
 Replace the compressor.
 Open the valves fully.
 Clean the filter.
 Set the fan speed to either MEDIUM or HIGH.
 Insulate wide and narrow tubes separately.

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