



# Test Run - Sanyo KH2442 / CH2442 Service Manual

Split system air conditioner



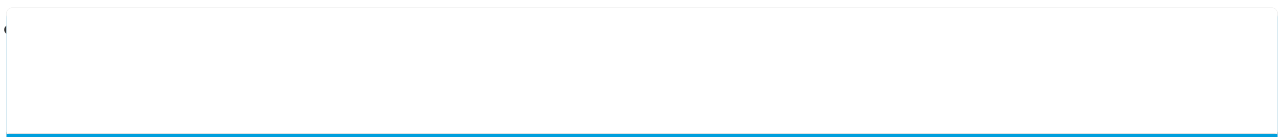
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## Bookmarks





## (10) Test Run

### Preparing for Test Run

Before attempting to start the air conditioner, check the following:

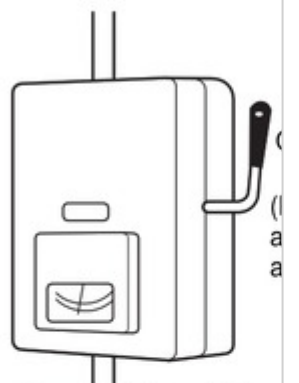
- (1) All loose matter is removed from the cabinet especially steel filings, bits of wire, and clips.
- (2) The control wiring is correctly connected and all electrical connections are tight.
- (3) The protective spacers for the compressor used

Section **● Before attempting to start the air conditioner, check the following:** If not, remove them now.

**1**

- (1) All loose matter is removed from the cabinet especially steel filings, bits of wire, and clips.
- (2) The control wiring is correctly connected and all

**4.**



(4) The transportation pads for the indoor fan have been removed. If not, remove them now.

(5) The power has been connected to the unit for at least 5 hours before starting the compressor. The bottom of the compressor should be warm to the touch and the crankcase heater around the feet of the compressor should be hot to the touch.

## 2 (10) Test Run

(Fig. IV-22) ■ **Preparing for Test Run**

(6) Both the wide and narrow tube service valves are open. If not, open them now. (Fig. IV-23)

● **Before attempting to start the air conditioner, check the following:**

Test run procedure

The purpose of the test run function is to let you control the operation of the unit directly without the thermostat turning the unit on or off. As indicated in the following procedure, switch out of TEST

(1) All loose matter is removed from the cabinet, especially steel filings, bits of wire, and clips.

(2) The control wiring is correctly connected and all electrical connections are tight.

RUN when you are finished, or the air conditioner can be damaged because it will not cycle on and off normally.

To protect the air conditioner from overloading, the outdoor unit will not start running for 3 minutes after power is applied or the unit is turned OFF.

(3) The protective spacers for the compressor used for transportation have been removed. If not, remove them now.

(4) The transportation pads for the indoor fan have been removed. If not, remove them now.

(5) The power has been connected to the unit for at least 5 hours before starting the compressor. The bottom of the compressor should be warm to the touch and the crankcase heater around the feet of the compressor should be hot to the touch.

(Fig. IV-22)


(6) Both the wide and narrow tube service valves are open. If not, open them now. (Fig. IV-23)

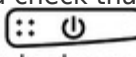
● **Test run procedure**


When the test run has started, "TEST" shows on the display of the remote controller. The purpose of the test run function is to let you control the operation of the unit directly without the thermostat turning the unit on or off. As indicated in the following procedure, switch out of TEST

RUN when you are finished, or the air conditioner can be damaged because it will not cycle on and off normally.

To protect the air conditioner from overloading, the outdoor unit will not start running for 3 minutes after power is applied or the unit is turned OFF.

(a) Press the  (TEST RUN) button on the remote controller. (Fig. IV-24)

(b) Press the  (ON / OFF operation) button to start the test run.

(c) Press the  (MODE) button to select either COOL or HEAT mode.

(d) When the test run has started, "TEST" shows on the display of the remote controller.

(e) During the test run, the air conditioner runs



Fig. IV-

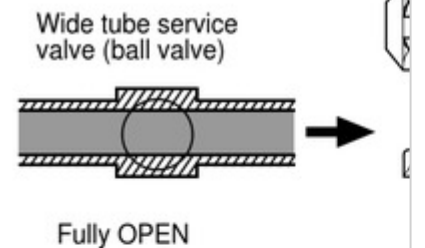
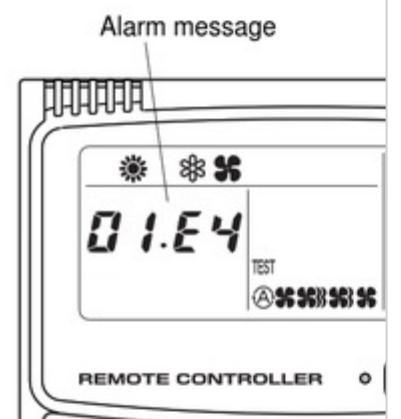


Fig. IV-

After the test run, press the  again to cancel this mode and check that "TEST" is not shown on the display.

**CAUTION:** Press the  (TEST RUN) button on the remote controller once to select either COOL or HEAT mode.

(e) During the test run, the air conditioner runs



used only for servicing the air conditioner. Do not press this button for normal operation, or the system may be damaged.

Power mains switch  
Wide tube service valve (ball valve)  
Fully OPEN

## (10) Test Run

Alarm message

TEST RUN/CHECK ON/OFF operation button

### ■ Preparing for Test Run

- Before attempting to start the air conditioner, check the following:

button  
IV - 40

## 4. Service procedures

ON

(Power must be turned ON at least 5 hours before attempting test run)

0765\_C\_1

Fig. IV-22

Narrow tube service valve (3-way valve)

Fully OPEN

Fig. IV-23

MODE button

Fig. IV-24

SM830082

1371\_C\_1

2057\_C\_1

- (1) All loose matter is removed from the cabinet especially steel filings, bits of wire, and clips.
- (2) The control wiring is correctly connected and all electrical connections are tight.
- (3) The protective spacers for the compressor used for transportation have been removed. If not, remove them now.
- (4) The transportation pads for the indoor fan have been removed. If not, remove them now.
- (5) The power has been connected to the unit for at least 5 hours before starting the compressor. The bottom of the compressor should be warm to the

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4.



Fig. IV-

Wide tube service valve (ball valve)



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