

Processes And Functions; Room Temperature Control; (A) Cooling - Sanyo SPW-XR253GH56 Technical Data & Service Manual

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Bookmarks



2-1 Room Temperature Control

The unit adjusts room temperature by turning the outdoor unit's compressor ON and OFF.

This process is controlled by the thermostat located in the indoor unit.

The figures on this and the next page show how each part of the system performs as the room temperature changes and the thermostat activates the compressor to start (thermo

ON) or stop (thermo OFF). Fig. 1 shows about the cooling cycle, and Fig. 2 shows about the heating cycle.

(A) Cooling

BODY SENSOR

T+1°C
 SET TEMP. T°C
 T-1°C
 COMPRESSOR
 1

OUTDOOR FAN
 (H, M or L)
 INDOOR FAN
 DRAIN PUMP
 DEW PROOF
 HEATER

Once the compressor starts, it keeps running for 5 minutes.
 Once the compressor stops, it will not start running again for 3 minutes.
 If you change the operation mode (HEAT, DRY, COOL, or FAN) during the cooling cycle,
 the control circuit stops the compressor for 3 minutes.
 For 5 minutes after the compressor is first turned on, and for 3 minutes after it is turned off,

the compressor is not controlled by the room sensor.

Thermo ON: When room temperature rises 1°C (2°C when set on body sensor) above

Thermo OFF: When the room temperature is -1°C below the set temperature T°:

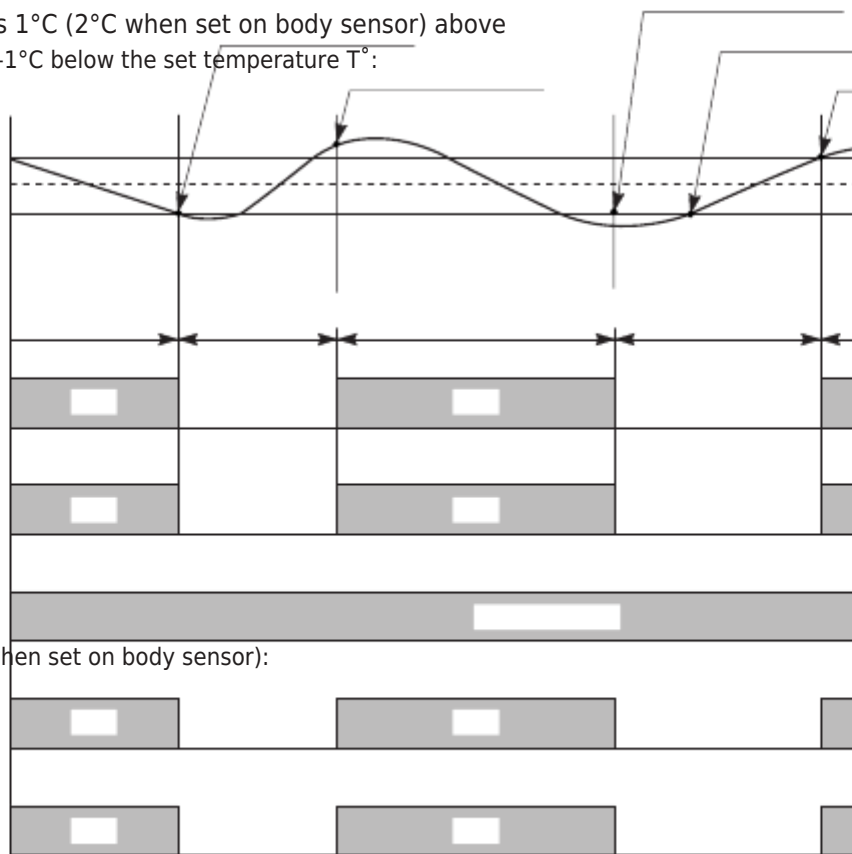
THERMO. OFF
 (THERMO. ON)
 MORE THAN
 3 MINUTES
 5 MINUTES
 ON
 OFF
 ON
 OFF
 ON
 OFF
 ON
 OFF

*

1. Refer to 2-4 Outdoor Fan Speed Control

Chart Summary and Explanations

the set temperature T°, (T°+1°C or T°+2°C when set on body sensor):



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Processes and functions

(THERMO. OFF)
 ROOM TEMP.
 MORE THAN
 5 MINUTES
 3 MINUTES
 ON
 OFF
 ON
 OFF
 SET SPEED

ON
OFF
ON
OFF
ON

OFF

II - 2

THERMO. ON

MORE THAN

5 MINUTES

ON

ON

ON

ON

1573_X_5

Fig. 1

SM830080

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Sanyo SPW-T253GH56

[SPW-U253GH56 Processes And Functions](#)

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[SPW-T253G56 Processes And Functions](#)

Sanyo SPW-T253G56

[C1852 Processes And Functions](#)

Sanyo C1852

[XHS3632 Processes And Functions](#)

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[KH2442 / CH2442 Processes And Functions](#)

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Sanyo C4272R

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