# Room Temperature Control - Sanyo SPW-X253G56 Service Manual

Split system

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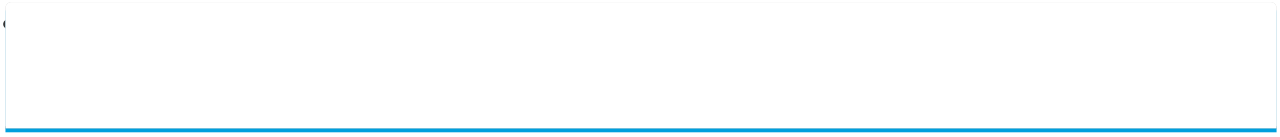

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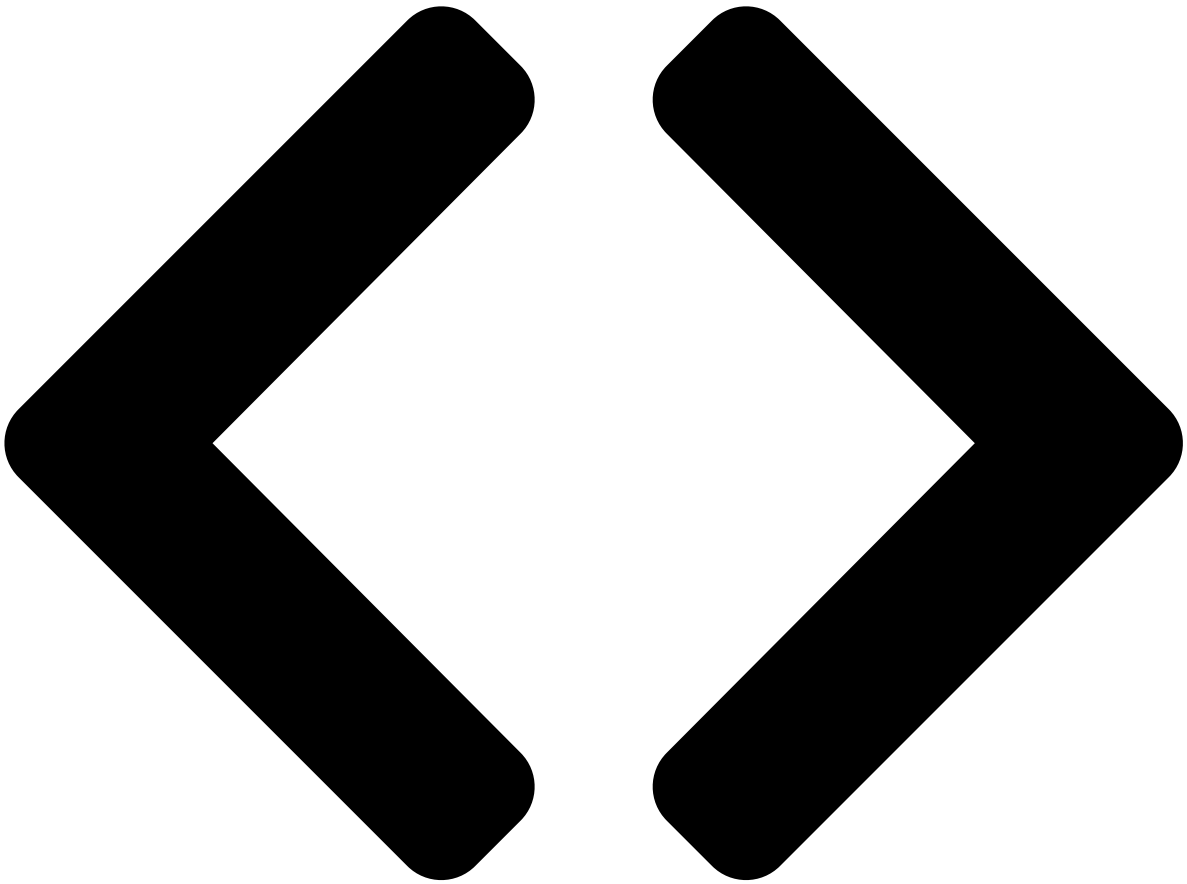

## 2-1 Room Temperature Control

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 remote control unit.

The figures on this and the next pages show how each part of the system performs when

the room temperature changes and the thermostat activates the compressor to start (thermo ON) or stop (thermo OFF). Fig. 6 shows about the cooling cycle.

S. T.+0.5°C

SET TEMP. T°C

(S.T.)

COMPRESSOR

INDOOR FAN
OUTDOOR FAN

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 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 0.5°C above the set temperature T˚,
(T˚+0.5 °C):
Thermo OFF: When the room temperature is equal to or below the set temperature T˚:
In case of wireless remote control model (GS type).
• The remote control unit sends the temperature signal to the air conditioner regularly at 3 minute intervals. If the signal from the remote control unit stops for more than 10 minutes due to the damage of the remote control unit or other trouble, the air conditioner will switch to the temperature sensor which is built in the indoor unit and control the room temperature. In these cases, the temperature around the remote contorl unit may differ from the temperature detected at the air conditioner's position.
• If the remote control is located near a heat source, such as a space heater or in direct sunlight, press the A/C SENSOR button to switch to the sensor in the indoor unit.

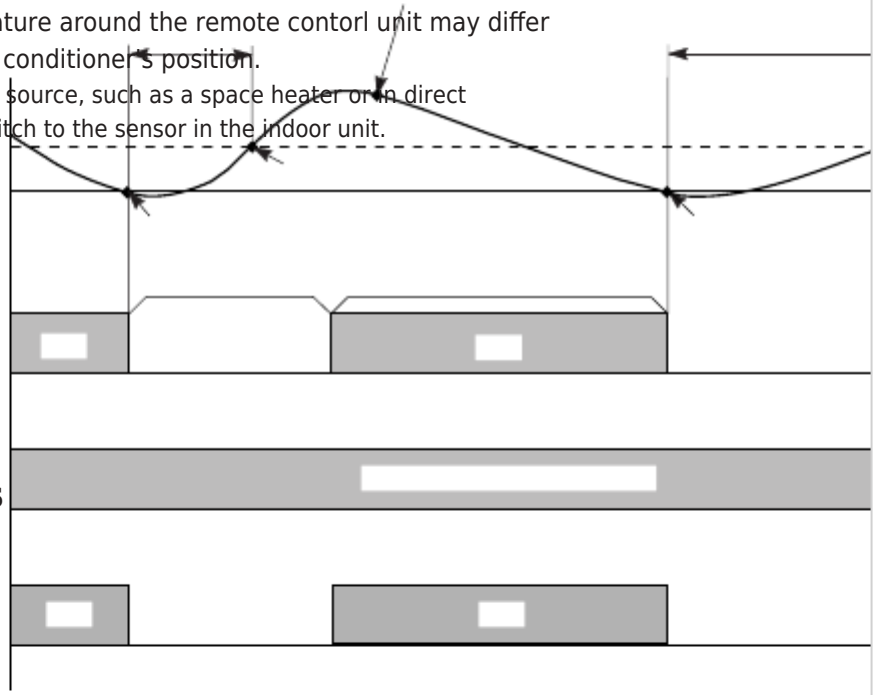


Fig. 6
SM830042

nary and Explanations

## sses and functions

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Outdoor Unit
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## Related Manuals for Sanyo SPW-X253G56

Air Conditioner Sanyo SPW-T253G56 Service Manual

Split system air conditioner (71 pages)

Air Conditioner Sanyo SPW-D253G56 Service Manual

Split system air conditioner (66 pages)

Air Conditioner Sanyo SPW-X483GH56 Installation Instruction

Eco multi system air conditioner (91 pages)

Air Conditioner Sanyo SPW-X253GH56 Service Manual

Split system (105 pages)

Air Conditioner Sanyo SPW-C256VH Technical Data & Service Manual

4-way air discharge semi-concealed wall-mounted ceiling-mounted concealed-duct (517 pages)

Air Conditioner Sanyo Big PACi 18 Series Technical Data & Service Manual

Big pack i dc inverter (275 pages)

Air Conditioner Sanyo SPW-XR253GH56 Technical Data & Service Manual

(223 pages)

Air Conditioner Sanyo 2-WAY ECO-i SPW-C0705DXHN8 Service Manual

Multi system (143 pages)

Air Conditioner Sanyo SPW-XR254EH56 Installation And Operation Manual

Dc inverter air conditioner (40 pages)

Air Conditioner Sanyo Mini ECO-i SPW-ASR74GXH56(A/B) Installation Instructions Manual

System air conditioner (49 pages)

Air Conditioner Sanyo SPW-UMR74EXH56 Technical Data & Service Manual

Split system air conditioner (38 pages)

Air Conditioner Sanyo ECO G SGP-EGW190M2G2W Brochure & Specs

Gas driven vrf m series (9 pages)

Air Conditioner Sanyo SPW-C1155DXHN8 Technical Data & Service Manual

2-way eco-i multi system (242 pages)

Air Conditioner Sanyo SPW-C483GYH8 Service Manual

Eco multi system (235 pages)

Air Conditioner Sanyo SPW-CR1503GDYH8 Technical Data & Service Manual

W-eco multi system series (377 pages)

Air Conditioner Sanyo SPW-CR363GVH8 Service Manual

(262 pages)

## Related Content for Sanyo SPW-X253G56

MINI ECO-i XHX1252 Room Temperature Control

Sanyo MINI ECO-i XHX1252

STW-2 Series Room Temperature Control

Sanyo STW-2 Series

SAP-C302AH-S Room Temperature Control

Sanyo SAP-C302AH-S

ECO-i AHX0752 Room Temperature Control

Sanyo ECO-i AHX0752

SAP-KM97GHS5A 10-1.Room Temperature Control

Sanyo SAP-KM97GHS5A

SPW-D253G56 Room Temperature Control

Sanyo SPW-D253G56

SAP–K91AA Room Temperature Control

Sanyo SAP–K91AA

SAP-K92A Room Temperature Control

Sanyo SAP-K92A

## This manual is also suitable for:

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