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› Sanyo 1.5 Ton 3 Star Dual Inverter Split AC User Manual (Model SI/SO-15T3SCIC)

Sanyo SI/SO-15T3SCIC

Sanyo 1.5 Ton 3 Star Dual Inverter Split AC User Manual

Model: SI/SO-15T3SCIC

Brand: Sanyo

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Sanyo 1.5 Ton 3 Star Dual Inverter Split Air Conditioner, Model SI/SO-15T3SCIC. Please read this manual thoroughly before using the appliance and retain it for future reference.

The Sanyo SI/SO-15T3SCIC features a dual inverter compressor for energy efficiency, a 100% copper condenser coil for enhanced cooling and durability, and an in-built PM 2.5 filter for improved air quality.

2. SAFETY INFORMATION

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- Always ensure the unit is installed by a qualified and authorized technician.
- Do not attempt to repair or modify the air conditioner yourself. Contact authorized service personnel.
- Ensure the power supply matches the unit's specifications and a proper grounding connection is established.
- Keep the area around the outdoor unit clear of obstructions to ensure proper airflow.
- Do not insert fingers or objects into the air inlet/outlet.
- If any abnormal operation or smell occurs, immediately turn off the unit and disconnect the power supply.

3. PRODUCT OVERVIEW

3.1 Components Included

The following components are typically included with your Sanyo Split AC unit:

- 1 Indoor Unit
- 1 Outdoor Unit
- 1 Remote Control
- User Manual
- Warranty Card
- Piping assembly (3m Copper wire/Interconnecting pipe)
- AAA batteries for remote control
- Indoor to outdoor power supply cord
- Indoor to main power supply cord

3.2 Key Features

- **Dual Inverter Compressor:** Variable speed inverter compressor with two rotors for efficient and quiet operation.
- **100% Copper Condenser Coil:** Ensures better cooling performance and requires low maintenance.
- **PM 2.5 Filter:** In-built filter to purify air and improve indoor air quality.
- **Glacier Mode:** Provides instant cooling for rapid temperature reduction.
- **Stabilizer Free Operation:** Designed to operate within a voltage range of 145V-285V without an external stabilizer.
- **R32 Refrigerant Gas:** Environmentally friendly refrigerant with no ozone depletion potential and low global warming potential.



Figure 1: Sanyo 1.5 Ton Dual Inverter Split AC Indoor Unit.



ENERGY EFFICIENCY

ISEER - 3.80*

Label Period: 1st Jan 2018 - 31st Dec 2021

Appliance/Type	: RAC/Split
Brand	: SANYO
Model/Year	: SI-15T3SCIC/SO-15T3SCIC/2020
Cooling Capacity (100%)	: 5150 (W)
Cooling Capacity (50%)	: 2575 (W)
Electricity Consumption	: 1050.21 Units Per Year
Compressor Type	: Variable Speed
Heat Pump	: No



*Under test conditions, when tested in accordance with ISO 16358 & based on 1600 operating hours per annum.
Actual electricity consumption will depend on how the appliance being used.

Figure 2: Overview of key features including Dual Inverter Technology, Copper Condenser, Glacier Mode, PM 2.5 Filter, Stabilizer Free Operation, and R32 Refrigerant.

4. SETUP AND INSTALLATION

The Sanyo Split AC unit requires professional installation to ensure proper functioning, safety, and warranty validity. Do not attempt to install the unit yourself.

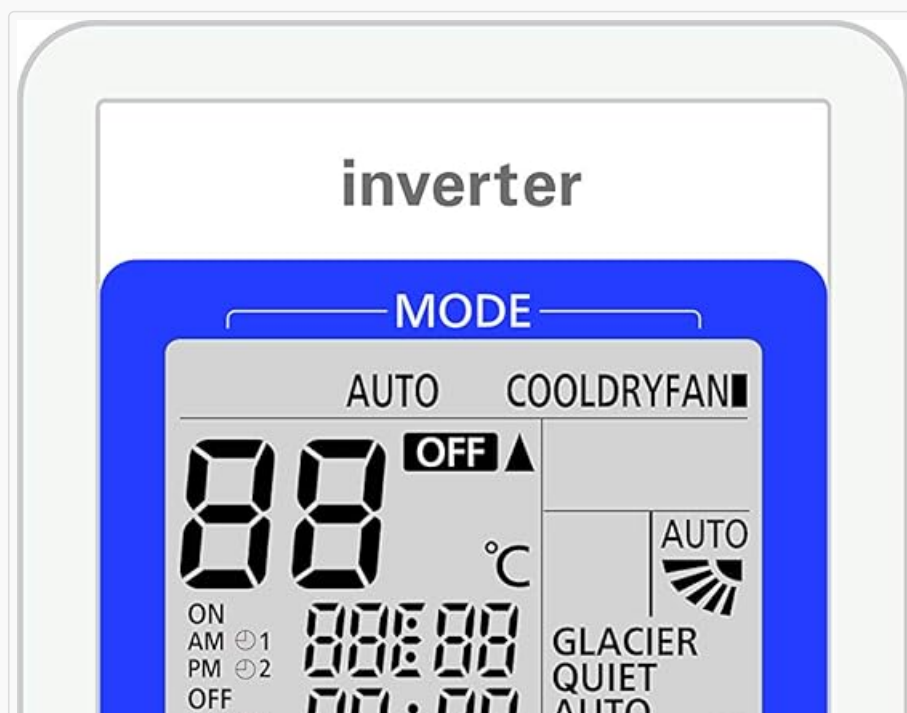
4.1 Pre-Installation Checks

- Ensure the installation site is suitable for both indoor and outdoor units, considering space, drainage, and power supply.
- Verify that the electrical wiring meets local codes and the unit's power requirements.
- Confirm that the wall where the indoor unit will be mounted is strong enough to support its weight.

4.2 Unit Dimensions

Refer to the dimensions below for planning the installation space:

- **Indoor Unit (WxHxD):** 100 x 29.5 x 23 cm
- **Outdoor Unit (WxHxD):** 78 x 55.7 x 24.1 cm
- **Indoor Unit Weight:** 11.8 kg
- **Outdoor Unit Weight:** 27.5 kg



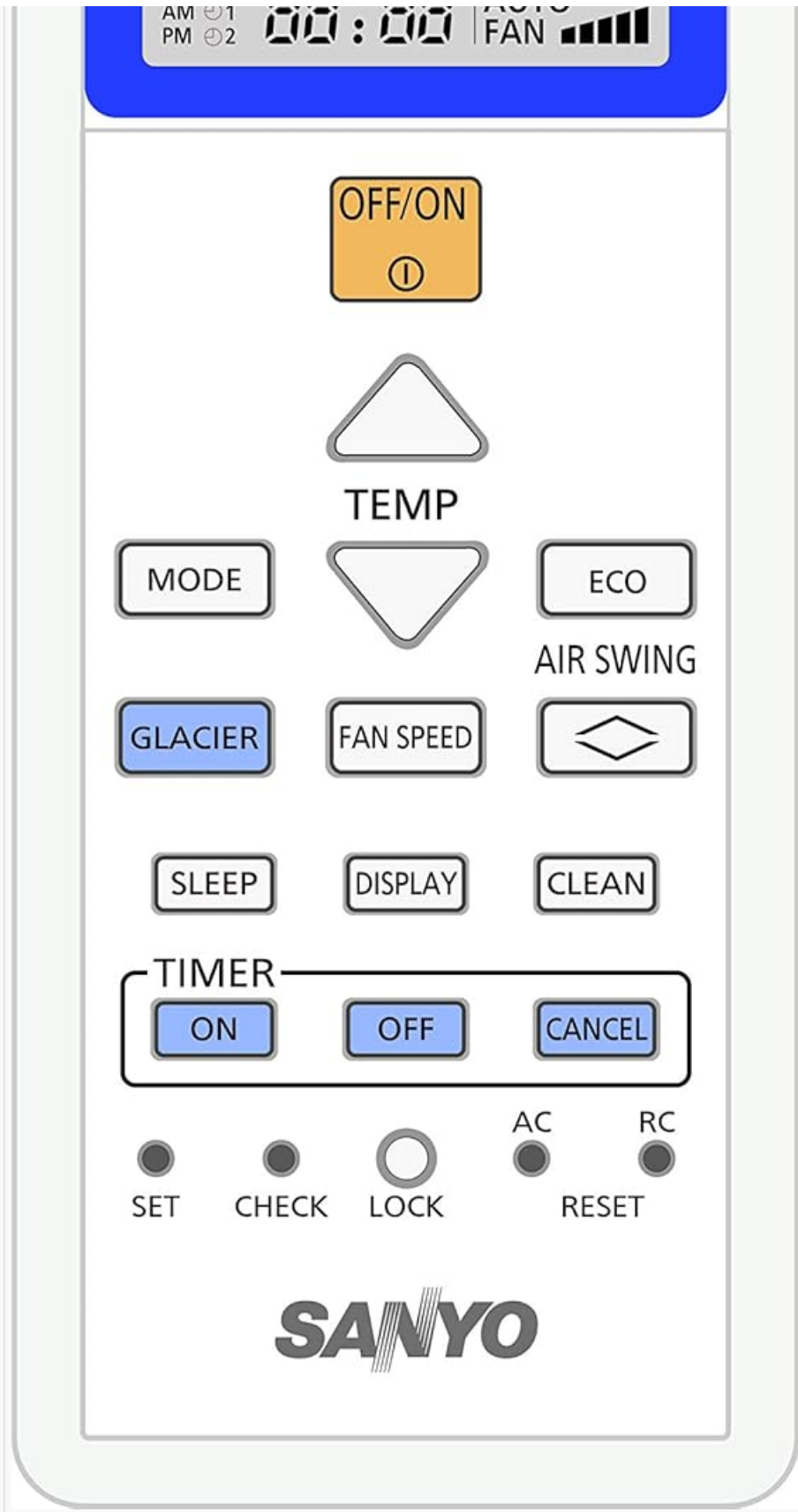


Figure 3: Indoor unit dimensions for installation planning.

5. OPERATING INSTRUCTIONS

Your Sanyo AC unit is controlled via the included wireless remote control. Familiarize yourself with the remote's functions for optimal use.

5.1 Remote Control Overview

inverter

MODE

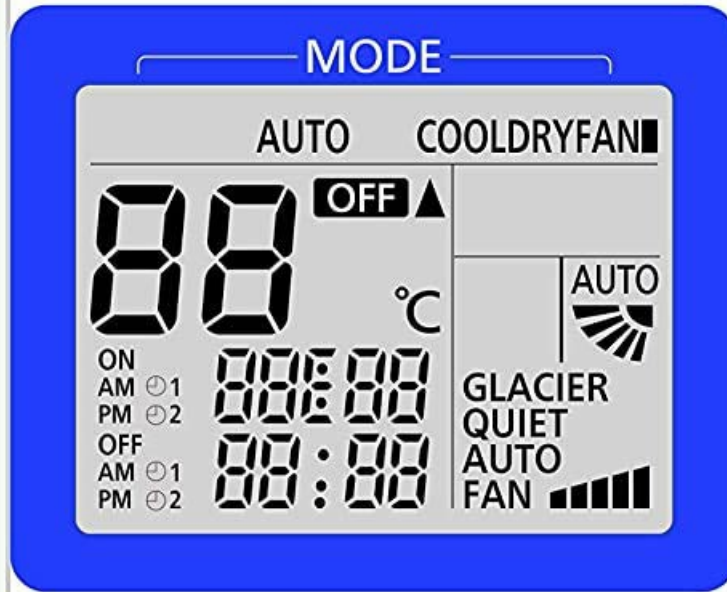
AUTO COOLDRYFAN

88 OFF ▲ °C

ON
AM ⊕1
PM ⊕2
OFF
AM ⊕1
PM ⊕2

00:00
00:00

AUTO
GLACIER
QUIET
AUTO
FAN



OFF/ON
①



TEMP



MODE

ECO

AIR SWING

GLACIER

FAN SPEED



SLEEP

DISPLAY

CLEAN

TIMER

ON

OFF

CANCEL



SET



CHECK



LOCK

AC



RC



RESET



Figure 4: Sanyo AC Wireless Remote Control.

5.2 Basic Operation

- **Power ON/OFF:** Press the **OFF/ON** button to turn the unit on or off.
- **Mode Selection:** Press the **MODE** button to cycle through available modes: Auto, Cool, Dry, Fan.
- **Temperature Adjustment:** Use the **TEMP ▲** and **TEMP ▼** buttons to increase or decrease the desired temperature.
- **Fan Speed:** Press the **FAN SPEED** button to adjust the fan speed (Auto, Low, Medium, High).

5.3 Special Functions

- **Glacier Mode:** Press the **GLACIER** button for rapid cooling. This mode operates at maximum fan speed and lowest temperature setting for a period to quickly cool the room.
- **Sleep Mode:** Press the **SLEEP** button to activate sleep mode, which adjusts temperature and fan speed for comfortable sleep and energy saving.
- **Timer Function:** Use the **TIMER ON** and **TIMER OFF** buttons to set specific times for the unit to turn on or off. Press **CANCEL** to deactivate the timer.
- **Air Swing:** Press the **AIR SWING** button to adjust the vertical airflow direction or enable continuous swing.
- **Clean Function:** Press the **CLEAN** button to activate the self-cleaning function, which helps prevent mold and bacteria growth inside the indoor unit.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Sanyo AC unit. Always disconnect power before performing any maintenance.

6.1 Air Filter Cleaning

The indoor unit is equipped with an anti-dust filter and a PM 2.5 filter. These should be cleaned regularly, typically every two weeks, or more frequently depending on usage and air quality.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean the filters using a vacuum cleaner or wash them with lukewarm water and a mild detergent.
4. Rinse thoroughly and allow them to dry completely in a shaded area before re-installing.
5. Close the front panel securely.

6.2 General Cleaning

- Wipe the indoor unit's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

- Periodically check the outdoor unit for any obstructions (leaves, debris) and clear them carefully.
- Ensure the drainage hose is not blocked to prevent water leakage.

NOTE: For detailed cleaning of internal components or refrigerant checks, contact a qualified service technician.

7. TROUBLESHOOTING

Before contacting service, refer to the following table for common issues and their potential solutions. Many minor problems can be resolved by the user.



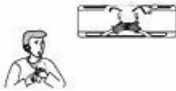
Troubleshooting	
Phenomenon	Troubleshooting
<p>The unit does not run.</p> 	<ul style="list-style-type: none"> • Has the power been shut down? • Is the power plug loose? • Is the circuit protection device tripped off or not? • Is voltage higher or lower? (Tested by professional) • Is the THERM correctly used?
<p>Cooling/heating efficiency is not good.</p> 	<ul style="list-style-type: none"> • Is Temp. setting suitable? • Were inlet and outlet vents obstructed? • Is filter dirty? • Are the windows and doors closed? • Was Fan speed set at low speed? • Is there any heat sources in the room?
<p>Wireless remote control is not available.</p> 	<ul style="list-style-type: none"> • The unit is interfered by abnormal or frequent functions switchover occasions. At this time, you need to pull out of the plug, and reset it. • Is it in its receiving range? Or obstructed? check the batteries is charged, otherwise to replace the batteries. • Whether the wireless remote control is damaged.
<p>If water leakage in the room.</p>	<ul style="list-style-type: none"> • The air humidity is on the high side. • Condensing water over flowed. • The connection position of indoor unit drainage pipe is loosed.
<p>If water leakage in outdoor unit.</p>	<ul style="list-style-type: none"> • When the unit is running in COOL mode, the pipe and connection of pipe would be condensed due to the water cooled down. • When the unit is running in Auto Defrosting mode the ice thaws and flows out. • When the unit is running in HEAT mode, the water adhered on heat exchanger drips off.
<p>Noise from indoor unit emitted.</p>	<ul style="list-style-type: none"> • The sound of fan or compressor relay is switching on or off. • When the defrosting is started or stop running. That is due to the refrigerant flowed to the reverse direction. Can be the sound of fan on the compressor, switching on and off while defrosting, as the refrigerant flows in the opposite direction.

Figure 5: Troubleshooting common issues (Part 1).


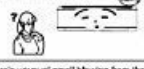




Troubleshooting	
 CAUTION Don't attempt to repair the air conditioner by yourself. It can cause an electric shock or fire. Please check the following items before asking for repair. It can save your time and money.	
Phenomenon	Troubleshooting
Does not operate immediately when the air conditioner is restarted. 	<ul style="list-style-type: none"> Once the air conditioner is stopped, Compressor will take approx. 3 minutes to restart.
There's unusual smell blowing from the outlet after operation is started. 	<ul style="list-style-type: none"> The unit has no peculiar smell by itself. If has, that is due to the smell accumulated in the ambient. Solution method : Cleaning the filter. If the problem still persists, so need to clean air conditioner. (Please contact with the authorized maintenance center.)
Sound of water flow can be heard during the operation. 	<ul style="list-style-type: none"> While air conditioner is running for while the compressor get started or stopped, Refrigerated sound can be heard. This is a normal function.
In COOL mode, sometimes the mist emitted from the air outlet vent. 	<ul style="list-style-type: none"> When the indoor temperature and humidity are very high, this phenomenon would happen. This is caused by the room air is swiftly cooled down. After running for a while, indoor temperature and humidity will fall down, the mist will go away.
Creaking noise can be heard when start or stop the unit. 	<ul style="list-style-type: none"> This is caused by the deformation of plastic due to the changes in temperature.

Figure 6: Troubleshooting common issues (Part 2).

7.1 Common Issues and Solutions

Phenomenon	Troubleshooting
The unit does not run.	<ul style="list-style-type: none"> Has the power been shut down? Is the power plug loose? Is the circuit protection device tripped off or not? Is voltage higher or lower? (Tested by professionals) Is the TIMER correctly used?
Cooling efficiency is not good.	<ul style="list-style-type: none"> Is the temperature setting suitable? Are the inlet and outlet vents obstructed? Is the filter dirty? Are windows and doors closed? Is the fan speed set at low speed? Are there any heat sources in the room?
Wireless remote control is not available.	<ul style="list-style-type: none"> The unit may be interfered with by abnormal or frequent functional switcher. Pull out the plug, and reinsert it. Is it in its receiving range? Or obstructed? Check the batteries. If discharged, replace them. Check if the wireless remote control is damaged.

Phenomenon	Troubleshooting
If water leakage in the room.	<ul style="list-style-type: none"> • Is the air humidity high? • Is condensing water overflowed? • Is the connection position of the indoor unit drainage pipe loose?
If water leakage in outdoor unit.	<ul style="list-style-type: none"> • When the unit is running in COOL mode, the pipe and connection of pipe would be condensed due to the water cooled down. • When the unit is running in Auto Defrosting mode (ice on the outdoor unit), the water adhered on heat exchanger drips off.
Noise from indoor unit emitted.	<ul style="list-style-type: none"> • The sound of fan or compressor relay is switching on or off. • When defrosting is started or stopped, it can be the sound of refrigerant flow.
Does not operate immediately when the air conditioner is restarted.	Once the air conditioner is stopped, the compressor will take approximately 3 minutes to restart. This is a normal function.
There is an unusual smell blowing from the outlet after operation is started.	<ul style="list-style-type: none"> • The unit has no peculiar smell by itself. If it has, that is due to the smell accumulated in the ambient. • Solution: Clean the filter. If the problem persists, contact authorized maintenance center.
Sound of water flow can be heard during the operation.	While the air conditioner is running or while the compressor gets started or stopped, refrigerated sound can be heard. This is a normal function.
In COOL mode, sometimes the mist emitted from the air outlet vents.	When the indoor temperature and humidity are very high, this phenomenon could happen. This is caused by the room air being swiftly cooled down. After running for a while, indoor temperature and humidity will fall down, and the mist will go away.
Creaking noise can be heard when starting or stopping the unit.	This is caused by the deformation of plastic due to changes in temperature. This is normal.

CAUTION: Don't attempt to repair the air conditioner by yourself. It can cause an electric shock or fire. Please check the following items before asking for repair. It can save your time and money.

8. SPECIFICATIONS

Detailed technical specifications for the Sanyo 1.5 Ton 3 Star Dual Inverter Split AC (Model SI/SO-15T3SCIC).

Specification	Value
Brand	Sanyo
Model	SI/SO-15T3SCIC
Capacity	1.5 Tons
Energy Efficiency Rating	3 Star (as per BEE guidelines on or before 30th June 2022)
Annual Energy Consumption	1050.21 Kilowatt Hours
ISEER Value	3.80
Noise Level (Indoor Unit)	43 Decibels
Installation Type	Split System
Form Factor	Mini-Split
Special Features	Air Purification Filter, Dehumidifier, Dust Filter, Inverter, PM 2.5 Filter
Colour	White
Control Console	Remote Control
Voltage	230 Volts
Wattage	1680 Watts
Refrigerant Gas	R32
Cooling Capacity	5150 Watts
Manufacturer	Panasonic
Item Weight (Indoor Unit)	11.8 kg
Item Dimensions LxWxH (Indoor Unit)	100 x 23 x 29.5 Centimeters



Figure 7: Energy Efficiency Label (Power Savings Guide).

9. WARRANTY AND SUPPORT

Your Sanyo 1.5 Ton 3 Star Dual Inverter Split AC comes with the following warranty:

- **Product:** 1 year
- **Condenser:** 1 year
- **Compressor:** 5 years

For warranty claims, technical assistance, or service requests, please refer to the contact information provided on your warranty card or visit the official Sanyo service website. Ensure you have your purchase details and model number ready when contacting support.

Manufacturer: Panasonic

