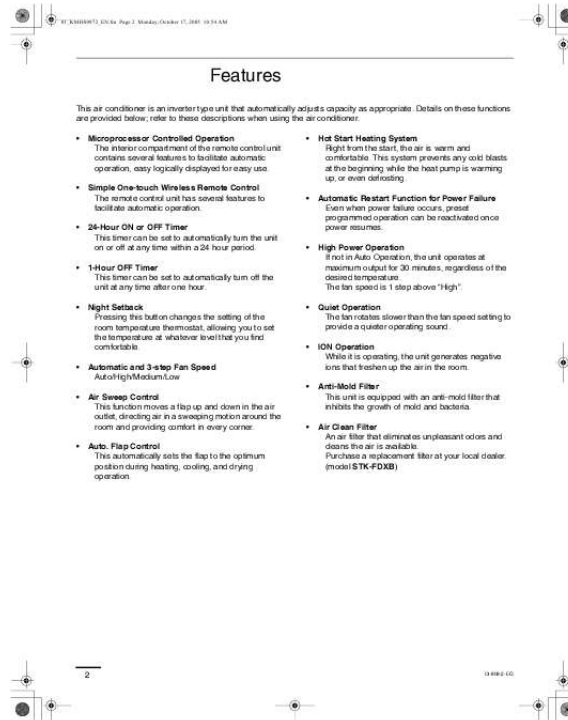




# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for SANYO KMHS1272. You'll find the answers to all your questions on the SANYO KMHS1272 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual SANYO KMHS1272  
User guide SANYO KMHS1272  
Operating instructions SANYO KMHS1272  
Instructions for use SANYO KMHS1272  
Instruction manual SANYO KMHS1272



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**Manual abstract:**

*1-Hour OFF Timer This timer can be set to automatically turn off the unit at any time after one hour. Night Setback Pressing this button changes the setting of the room temperature thermostat, allowing you to set the temperature at whatever level that you find comfortable. Automatic and 3-step Fan Speed Auto/High/Medium/Low · Air Sweep Control This function moves a flap up and down in the air outlet, directing air in a sweeping motion around the room and providing comfort in every corner. Auto. @@@@High Power Operation If not in Auto Operation, the unit operates at maximum output for 30 minutes, regardless of the desired temperature. The fan speed is 1 step above "High". Quiet Operation The fan rotates slower than the fan speed setting to provide a quieter operating sound. ION Operation While it is operating, the unit generates negative ions that freshen up the air in the room. Anti-Mold Filter This unit is equipped with an anti-mold filter that inhibits the growth of mold and bacteria. Air Clean Filter An air filter that eliminates unpleasant odors and cleans the air is available.*

*Purchase a replacement filter at your local dealer. (model STK-FDXB) . . . . . 2 OI-808-2-EG 01\_KMHS0972\_EN.fm Page 3 Monday, October 17, 2005 10:54 AM Contents Page Features ...*

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....25 Product Information If you have problems or questions concerning your Air Conditioner, you will need the following information. Model and serial numbers are on the nameplate on the bottom of the cabinet. Model No. \_\_\_\_\_ Serial No. \_\_\_\_\_ Date of purchase \_\_\_\_\_ Dealer's address \_\_\_\_\_ Phone number \_\_\_\_\_ Alert Symbols The following symbols used in this manual, alert you to potentially dangerous conditions to users, service personnel or the appliance: This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death. CAUTION This symbol refers to a hazard or unsafe practice which can result in personal injury or product or property damage.

OI-808-3-EG 3 01\_KMHS0972\_EN.fm Page 4 Monday, October 17, 2005 10:54 AM Installation Location · · We recommend that this air conditioner be installed properly by qualified installation technicians in accordance with the Installation Instructions provided with the unit. Before installation, check that

the voltage of the electric supply in your home or office is the same as the voltage shown on the nameplate. · · Do not install this air conditioner where there are fumes or flammable gases, or in an extremely humid space such as a greenhouse. Do not install the air conditioner where excessively high heat-generating objects are placed. Avoid: To protect the air conditioner from heavy corrosion, avoid installing the outdoor unit where salty sea water can splash directly onto it or in sulphurous air near a spa. Electrical Requirements 1. All wiring must conform to the local electrical codes. Consult your dealer or a qualified electrician for details. 2.

Each unit must be properly grounded with a ground (or earth) wire or through the supply wiring. 3. Wiring must be done by a qualified electrician. Safety Instructions · · Read this Instruction Manual carefully before using this air conditioner. If you still have any difficulties or problems, consult your dealer for help.

This air conditioner is designed to give you comfortable room conditions. Use this only for its intended purpose as described in this Instruction Manual. · ·

Never use or store gasoline or other flammable vapor or liquid near the air conditioner -- it is very dangerous. This air conditioner has no ventilator for intaking fresh air from outdoors. You must open doors or windows frequently when you use gas or oil heating appliances in the same room, which consume a lot of oxygen from the air.

Otherwise there is a risk of suffocation in an extreme case. CAUTION · · · Do not turn the air conditioner on and off from the power mains switch. Use the ON/OFF operation button. Do not stick anything into the air outlet of the outdoor unit. This is dangerous because the fan is rotating at high speed. Do not let children play with the air conditioner. Do not cool or heat the room too much if babies or invalids are present. 4 OI-808-4-EG 01\_KMHS0972\_EN.fm Page 5

Monday, October 17, 2005 10:54 AM Names of Parts Air intakes INDOOR UNIT Air outlet Remote control unit Drain hose Refrigerant tubes OUTDOOR UNIT Air outlet NOTE This illustration is based on the external view of a standard model. Consequently, the shape may differ from that of the air conditioner which you have selected.

This air conditioner consists of an indoor unit and an outdoor unit. You can control the air conditioner with the remote control unit. Air Intake Air Outlet Remote Control Unit Refrigerant Tubes Drain Hose Outdoor (Condensing) Unit Air from the room is drawn into this section and passes through air filters which remove dust. Conditioned air is blown out of the air conditioner through the air outlet. The wireless remote control unit controls power ON/OFF, operation mode selection, temperature, fan speed, timer setting, and air sweeping. The indoor and outdoor units are connected by copper tubes through which refrigerant gas flows. Moisture in the room condenses and drains off through this hose. The outdoor unit contains the compressor, fan motor, heat exchanger coil, and other electrical components. OI-808-5-EG 5 01\_KMHS0972\_EN.fm Page 6 Monday, October 17, 2005 10:54 AM Unit Display and Operation

Button INDOOR UNIT IMPORTANT Avoid using radio equipment such as mobile phone near (within 4 ft.

) the remote control receiver. Some radio equipment may cause malfunction of the unit. If the trouble happens, disconnect power and restart the air conditioner after a few minutes. OPERATION lamp TIMER lamp QUIET lamp ION lamp OPERATION button QUIET REMOTE CONTROL receiver REMOTE CONTROL receiver OPERATION button This section picks up infrared signals from the remote control unit (transmitter). When the remote control cannot be used, pressing this button enables heating and cooling operation.



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Each time this button is pressed, the type of operation conducted is indicated by the changing color of the OPERATION lamp. Press the button and select the lamp color that suits your preference for operation. Cooling operation (green) Heating operation (red) Stop (lamp off) OPERATION lamp This lamp lights when the system is in the continuous AUTO (red or green), HEAT (red), DRY (orange) and COOL (green) mode. The OPERATION lamp lights up red and orange alternately when the system is defrosting. This lamp lights when the system is being controlled by the timer.

This lamp lights during operation in the QUIET mode. This lamp lights during operation in the ION mode while the indoor unit is operating. TIMER lamp QUIET lamp ION lamp NOTE The unit's display lamps are dimmed during operation in the NIGHT SETBACK mode. 6 OI-808-6-EG 01\_KMHS0972\_EN.fm Page 7 Monday, October 17, 2005 10:54 AM Remote Control Unit (Display) Displayed when transmitting data Displayed when indoor unit sensor is in use Displayed when setting temperature Displayed when temperature is shown Displayed when setting timer Displayed when the time display is set to 12-hour time. Symbols (1) Operation mode AUTO .....

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..... (4) Timer 24-hour clock with ON/OFF program Timer....

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... HEAT .....

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. ON Timer....

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.. MILD DRY .....

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..... OFF Timer. ...

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1-hour OFF Timer.....

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... COOL .....

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.... (2) Fan speed Automatic operation .....

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... (5) NIGHT SETBACK .....

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HIGH .....

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another heating appliance together with it. When the outdoor temperature is low, frost or ice may form on the heat exchanger coil, reducing heating performance.

When this happens, a microcomputer defrosting system operates. At the same time, the fan on the indoor unit stops and the OPERATION lamp lights up red and orange alternately until defrosting is completed. Heating operation restarts after several minutes. (This interval will vary slightly depending upon the outdoor temperature and the way in which frost forms.) For several minutes after the start of heating operation, the indoor fan runs at lower speed until the indoor heat exchanger coil has warmed up sufficiently.

However, the fan may remain stopped when the room temperature is low. This is because the COLD DRAFT PREVENTION SYSTEM is operating. In the event of power failure, the unit will stop. When the power is resumed, the unit will restart automatically within 15 minutes by the remote control unit. Heating performance Defrosting · Cold draft prevention · Power failure during operation · Clicking Sound Clicking sound is heard from the air conditioner · In heating or cooling operation, any plastic parts may expand or shrink due to a sudden temperature change.

In this event, a clicking sound may occur. This is normal, and the sound will soon disappear. The remote control unit sends the setting condition to the air conditioner regularly at five minute intervals. Remote Control Unit · OI-808-17-EG 17 01\_KMHS0972\_EN.fm Page 18 Monday, October 17, 2005 10:54 AM Setting the Timer NOTE In the descriptions below, the following settings are used for the temperature and time indicator selector button on the bottom front section of the remote control. · Temperature: °F · Time: AM, PM (Example) To set to 10:30 pm. 1. How to set the present time Operation 1. Press the CLOCK button once if the time indicator is not flashing.



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Press the Advance, Return ( , ) button until PM 10:30 is displayed. 3. Press the CLOCK button again. Indication The time indication alone flashes. The time can be set in 1-minute increments. Holding down the button advances the time rapidly in 10-minute increments. This completes the setting of the current time.

2. How to set the OFF time (Example) To stop the air conditioner at 11:00 am. 1.

Press the OFF TIME setting button once. 2. Press the Advance, Return ( , ) button until AM 11:00 is displayed. The timer indication is displayed, and the present OFF time is shown. The timer indication blinks.

The time can be set in 10-minute increments. Holding down the button advances the time rapidly in 10-minute increments. The timer indication stops blinking and the present time is displayed. 3. Wait a few seconds, and then the setting is complete.

18 OI-808-18-EG 01\_KMHS0972\_EN.fm Page 19 Monday, October 17, 2005 10:54 AM Setting the Timer (continued) 3. How to set the ON time (Example)

To start operation at 7:10 am. Operation 1. Press the ON TIME setting button once. 2. Press the Advance, Return ( , ) button until AM 7:10 is displayed.

Indication The timer indication is displayed, and the present ON time is shown. The timer indication blinks. The time can be set in 10-minute increments.

Holding down the button advances the time rapidly in 10-minute increments. The timer indication stops blinking and the present time is displayed. 3. Wait a few seconds, and then the setting is complete. 4. How to set DAILY ON/OFF REPEAT timer (Example) To start operation at 7:10 am. and stop the air

conditioner at 11:00 am. 10:30 pm. Present time 7:10 am. ON 11:00 am.

OFF 1. Set the timer ON/OFF times as shown in 2-1, 2, 3 and 3-1, 2, 3. NOTE · The present time 10:30 pm.

@@@TIMER button. appears in the display.

@@The 1-Hour Timer function is now cancelled and the unit operates normally. NOTE · If, while the 1-Hour Timer function is operating, the 1HR. TIMER button is pressed once to cancel the function and then again, the unit continues to operate for one hour from that point in time and then stops. It is not possible to use the OFF Timer and 1-Hour OFF Timer together. Whichever function is set last takes precedence.

If the 1 HR. TIMER button is pressed while the TIMER OFF function operates, the OFF Timer is cancelled and the unit will stop operating one hour later. · 2.

Operation together with the DAILY ON/OFF REPEAT Timer The 1-Hour OFF Timer setting is given priority over the DAILY ON/OFF REPEAT setting. Tips

for Energy Saving Do not · Block the air intake and outlet of the unit. If they are obstructed, the unit will not work well, and may be damaged. Let direct sunlight into the room. Use sunshades, blinds or curtains. If the walls and ceiling of the room are warmed by the sun, it will take longer to cool the room.

Always try to keep the air filter clean.

(Refer to "Care and Cleaning".) A clogged filter will impair the performance of the unit. To prevent conditioned air from escaping, keep windows, doors and any other openings closed. Do · 20 OI-808-20-EG 01\_KMHS0972\_EN.fm Page 21 Monday, October 17, 2005 10:54 AM Adjusting the Airflow Direction 1.

Horizontal The horizontal airflow can be adjusted by moving the vertical vanes with your hands to the left or right. CAUTION When the humidity is high, the vertical vanes should be in the front position during the cooling or dehumidifying operation. If the vertical vanes are positioned all of the way to the right or left, condensation may begin to form around the air vent and drip down. The vertical airflow can be adjusted by moving the flap with the remote control unit.

Do not move the flap with your hands.

Confirm that the remote control unit has been turned on. Use the FLAP button to set either the sweep function or one of the six airflow direction settings. 2.

Vertical SWEEP COOL DRY SWEEP HEAT A. Sweep function The flap starts moving up and down to deliver air over the sweep range.

C. Auto flap function The flap is set to the recommended position. B. Setting the airflow manually Referring to the above illustration, use the FLAP button to set the airflow direction within the range used during the heating, cooling, or dehumidifying operation. NOTE · The flap automatically closes when the unit is off.

During the heating operation, the fan speed will be very low and the flap will be in the horizontal position (position ) until the air being blown out of the unit begins to warm. Once the air warms up, the flap position and fan speed change to the settings specified with the remote control. Use the FLAP button on the remote control to adjust the position of the flap. If you move the flap by hand, the flap position according to the remote control and the actual flap position may no longer match. If this should happen, shut off the unit, wait for the flap to close, and then turn on the unit again; the flap position will now be normal

again. Do not have the flap pointed down during cooling operation. Condensation may begin to form around the air vent and drip down. CAUTION · OI-808-21-EG 21 01\_KMHS0972\_EN.fm Page 22 Monday, October 17, 2005 10:54 AM Operation without the Remote Control Unit INDOOR UNIT If you

have lost the remote control unit or it has trouble, follow the steps below. When the air conditioner is not running Each time the OPERATION button is pressed, the type of operation conducted is indicated by the changing color of the OPERATION lamp.

Press the button and select the lamp color that suits your preference for operation. Cooling operation (green) OPERATION button NOTE The temperature is set to the room temperature minus 4 °F during the cooling operation and to the room temperature plus 4 °F during the heating operation, and the fan speed

and flap are set to Auto. Heating operation (red) Stop (lamp off) Care and Cleaning 1. For safety, be sure to turn the air conditioner off and also to disconnect the power before cleaning. 2. Do not pour water on the indoor unit to clean it. This will damage the internal components and cause an electric shock hazard. Casing and Grille (Indoor Unit) Clean the casing and grille of the indoor unit with a vacuum cleaner brush, or wipe them with a clean, soft cloth. If these parts are stained, use a clean cloth moistened with a mild liquid detergent. @@1.

Never use solvents, or harsh chemicals when cleaning the indoor unit. Do not wipe the plastic casing using very hot water. 2. @@3. @@@@1.

Grasp both ends of the air intake grille, and remove it by opening towards the front and pulling towards you. Air intake grille How to remove the anti-mold filter 2. Remove the anti-mold filter attached to the rear of the air intake grille. Anti-mold filter Cleaning How to replace the anti-mold filter Use a vacuum

cleaner to remove light dust. If there is sticky dust on the filter, wash the filter in lukewarm, soapy water, rinse it in clean water, and dry it.



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1. With the FRONT mark of the anti-mold filter at the front, align the two indentions near the mark with the hooks at the rear of the air intake grille, and then mount the anti-mold filter. FRONT mark Hook 2. @@Groove Air intake grille Pin Anti-mold filter 3. @@@@Otherwise there is a risk of suffocation in extreme cases. How to install the air clean filter The air clean filter needs to be installed behind the air intake grille. 1. Remove the air intake grille. 2. Install the air clean filter in the position shown in the figure.

3. Remount the air intake grille. Air clean filter How to clean the air clean filter . . . NOTE . . . . Removing and remounting the air intake grille In general, the filter should be sucked to remove dust in low fan speed of a vacuum cleaner once every three months. If there is heavily grime on the filter, soak the filter in lukewarm water with neutral detergent diluted 1:500 for 1 to 2 minutes then wash it. Rinse the filter in clean water, then let it dry on the towel in room temperature. Do not bend nor give excessive force onto the air clean filter. If the filter surface is heavily blocked with dirt or damaged, replace it with new one. Purchase a replacement filter at your local dealer. (model STK-FDXB) Wipe clean using a soft, dry cloth. To remove stubborn dirt, moisten a cloth in warm water no hotter than 104 °F, wring thoroughly, and then wipe.

The air intake grille can be removed in order to wash it with water. Cleaning the main unit and remote control unit Refer to "How to remove the anti-mold filter" and "How to replace the anti-mold filter" on page 23. When using a footstool or the like, be careful not to let it tip over. CAUTION Washing the grille with water . . Clean the grille gently using a soft sponge, or the like. Then wipe away any remaining moisture.

Neutral detergent may be used to remove stubborn dirt. Then rinse thoroughly with water and wipe away any remaining moisture. Cleaning the negative ion generator Follow the steps below when the generator has become dirty. For safety, be sure to turn the air conditioner off and also to disconnect the power before cleaning. Remove the dust on the negative ion generator.

· Use a toothbrush, etc. to dust off the end. · Use a cotton swab, etc., to clean around the generator inside the plastic case, taking care not to touch the electrodes. Negative ion generator (metal electrodes inside plastic case) NOTE . . . During use, the negative ion generator and other metal parts may become discolored: this is normal and not indicative of malfunctioning. If the dirt on and around the negative ion generator is left to build up, a puffing or sputtering sound will eventually be heard. In this case, clean the generator immediately. Do not apply excessive force while performing maintenance. 24 OI-808-24-EG 01\_KMHS0972\_EN.fm Page 25 Monday, October 17, 2005 10:54 AM Troubleshooting If your air conditioner does not work properly, first check the following points before requesting service.

If it still does not work properly, contact your dealer or service center. Trouble Air conditioner does not run at all. Possible Cause 1. Power failure. 2. Leakage circuit breaker tripped. 3. Line voltage is too low. 4. Batteries in remote control unit have run down. OPERATION lamp blinks and air conditioner does not operate. Compressor runs but soon stops. Poor cooling (or heating) performance. Trouble in system. Obstruction in front of condenser coil.

1. Dirty or clogged air filter. 2. Heat source or many people in room. 3. Doors and/or windows are open. 4. Obstacle near air intake or air discharge port. 5. Thermostat is set too high for cooling (or too low for heating). 6. (Outdoor temperature is too low for heating.) Clicking sound is heard from the air conditioner. In heating or cooling operation, any plastic parts may expand or shrink due to a sudden temperature change. In this event, a clicking sound may occur.

1. The use of cellular phones near the air conditioner may cause disturbance to its normal operation. Remedy 1. Restore power. 2. Contact service center. 3. Consult your electrician or dealer. 4. Replace batteries. Contact service center. Remove obstruction. 1. Clean air filter to improve airflow. 2. Eliminate heat source if possible. 3. Shut them to keep the heat (or cold) out. 4. Remove it to ensure good airflow. 5. Set the temperature lower (or higher). 6. (Consult your dealer or try to use another heat appliance.) This is normal, and the sound will soon disappear. OPERATION lamp lights but outdoor unit will not run. 1. Turn off the power then restart the air conditioner after a while. 2. Consult your dealer.

Operating Range The air conditioner is operable within the temperature ranges as listed below: Temperature COOLING Max. Min. HEATING Max. Min. Indoor air temperature 95 °F DB / 71 °F WB 67 °F DB / 57 °F WB 80 °F DB / 67 °F WB DB / WB Outdoor air temperature 115 °F DB 67 °F DB 75 °F DB / 65 °F WB 0 °F DB OI-808-25-EG 25 .



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