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You can read the recommendations in the user guide, the technical guide or the installation guide for MITSUBISHI MSY-A17NA. You'll find the answers to all your questions on the MITSUBISHI MSY-A17NA in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MITSUBISHI MSY-A17NA
User guide MITSUBISHI MSY-A17NA
Operating instructions MITSUBISHI MSY-A17NA
Instructions for use MITSUBISHI MSY-A17NA
Instruction manual MITSUBISHI MSY-A17NA



OPERATING INSTRUCTIONS

English

MS-A09WA
MS-A12WA
MSY-A15NA
MSY-A17NA

Mr. SLIM

For customers

- Thank you very much for purchasing this Mitsubishi room air conditioner.
- To use this unit correctly and safely, be sure to read this operating instructions before use. Keep this manual carefully for later reference.
 - Be sure to receive a guarantee card from your dealer and check that the purchased date and shop name, etc. are entered correctly.
 - This air conditioner should not be installed by the customer. (Safety and performance functions cannot be assured.)

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7 POWERFUL OPERATION.....

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.....8 ECONOCOOL OPERATION.....

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.9 TIMER OPERATION (ON/OFF TIMER)....

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.9 WHEN THE AIR CONDITIONER IS NOT GOING TO BE USED FOR A LONG TIME.....

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.....9 MAINTENANCE...

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.....9CLEANINGTHEFRONTPANEL..

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..10CLEANINGTHEAIRFILTER(CATECHIN).....

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...10CLEANINGTHEAIRCLEANINGFILTER..

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..11REPLACEMENTOFTHEAIRCLEANINGFILTER...

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..11BEFORECONTACTINGTHESERVICEREPRESENTATIVE,CHECKTHEFOLLOWINGAGAIN.....

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..12WHENYOU THINK THAT TROUBLE HAS OCCURRED...

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..... @@@@ - A fire or an electric shock may result from poor contact, poor insulation, exceeding the permissible current, etc.

Do not scratch or process the power supply cord, etc. Do not put heavy object on the power supply cord and do not scratch or process the cord. The cord may be damaged and this may cause a fire or an electric shock. Do not turn the breaker off/on during operation. This may cause a fire due to spark, etc. Be sure to turn off the breaker absolutely after switching the indoor unit off with the remote controller. Do not expose your skin directly to cool air for a long time. This could damage your health. Installation, repairs or relocation should not be done by the customer. If this is done incorrectly, it may cause a fire, an electric shock, or injury from the unit falling, water leaking, etc.

Consult your dealer. If the power supply cord is damaged, it must be replaced by the manufacturer or its service agent in order to avoid a hazard. Do not insert your finger or a stick, etc. into the air inlet/outlet. Since the fan rotates at high speed, this may cause an injury. Young children should be supervised to ensure that they do not play with the air conditioner. When an abnormality (burning smell, etc.) occurs, stop the air conditioner and turn off the breaker. If the unit continues to be operated in an abnormal condition, it may cause a fire, trouble, etc. In this case, consult your dealer.

Marks and their meanings **WARNING: CAUTION:** Incorrect handling could cause a serious hazard, such as death, serious injury, etc. with a high probability. Incorrect handling could cause a serious hazard depending on the conditions. Meanings of symbols used in this manual : Be sure not to do. : Be sure to follow the instruction. : Never insert your finger or stick, etc. : Never step onto the indoor/outdoor unit and do not put anything on them. : Danger of electric shock. Be careful. : Be sure to shut off the power.

After reading this manual, keep it together with the installation manual in a handy place for easy reference. Warning positions **ENCLOSURE FRONT PANEL CAUTION** When the air filter is to be removed, do not touch the metal parts of the indoor unit. This may cause an injury. Do not touch the air inlet or aluminum fin of the outdoor unit. This may cause an injury. Do not put a vase or glass on the indoor unit. Water dropping into the indoor unit may deteriorate the insulation, causing electric shock. Do not use an insecticide or flammable spray. This may cause a fire or deformation of the cabinet. Do not put a pet or houseplant where it will be exposed to direct airflow.

This could injure the pet or plant. Do not place other electric appliances or furniture under the indoor/outdoor unit. Water may drip down from the unit, and this may cause damage or malfunction to them. Do not leave the unit on an installation stand which is damaged. The unit may fall and this may cause an injury.

Do not step onto an unstable bench when maintaining the unit, etc. This may cause an injury, etc. if you fall down. Do not pull the power supply cord. The core wire of the power supply cord may be disconnected and this may cause a fire.

Do not charge or disassemble the batteries and do not throw them into a fire. This may result in leakage, fire or an explosion. Do not operate the unit for a long time in high humidity, e.g. leaving a door or window open. In the cooling mode, if the unit is operated in a room with high humidity (80% RH or more) for a long time, water condensed in the air conditioner may drop and wet or damage furniture, etc. **AIR OUTLET ENCLOSURE 2 SAFETY PRECAUTIONS**

CAUTION Do not operate the unit at low outside temperature (less than 14°F) in the cooling mode. In the cooling mode, if the unit is operated at low outside temperature (less than 14°F), water condensed in the air conditioner may drop and wet or damage furniture, etc. Do not use the unit for special purposes. Do not use this air conditioner to preserve precision devices, food, animals, plants and art objects.

This may cause deterioration of quality, etc. Do not put a stove, etc. where they are exposed to direct airflow. This may cause imperfect combustion. When the unit is to be cleaned, switch it off and turn off the breaker. Since the fan rotates at high speed during operation, this may cause an injury. When the unit is not going to be used for a long time, turn off the breaker. Otherwise, dirt may collect and this may cause a fire. Replace the 2 batteries of the remote controller with new ones of same type.



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· Using an old battery together with a new one may result in heat generation, leakage or an explosion.

If liquid from the batteries gets onto your skin or clothes, wash it well with clean water. · If liquid from the batteries gets into your eyes, wash them well with clean water and consult a doctor at once. Ventilate well in using the unit with a stove, etc. · An oxygen shortage may occur. Do not operate switches with wet hands.

· This may cause an electric shock. Do not clean the air conditioner with water or put a vase or glass on it. · Water may enter the unit and degrade the insulation. This may cause an electric shock. Do not step or put anything on the indoor/outdoor unit.

· This may cause an injury, etc. if you or something falls down. NAME OF EACH PART Indoor unit Air inlet Heat exchanger Air cleaning filter (Anti-Allergy Enzyme Filter, Blue bellows type) Air filter (Catechin) Front panel Air outlet Vertical vane Horizontal vane Fan Remote controller Operation section (When the front panel is opened) Display section Operation Indicator lamp For installation WARNING · Consult your dealer for installation of the air conditioner.

Since special techniques and work are required, installation should not be done by the customer. If this is done incorrectly, it may cause a fire, an electric shock, injury or water leaking. Do not install the unit where flammable gas could leak. · If gas leaks and collects around the unit, it may cause an explosion.

Emergency operation switch Remote control receiving section Outdoor unit MU-A09WA MUY-A15/17NA Air inlet (back and side) MU-A12WA CAUTION Ground the unit. · Do not connect the ground to a gas pipe, water pipe, lightning rod or the ground of a telephone. If the grounding is incorrect, it may cause an electric shock.

Install a Ground Fault Interrupt (GFI) circuit breaker depending on the place where the air conditioner is to be installed (humid places, etc.). · If the Ground Fault Interrupt (GFI) circuit breaker is not installed, it may cause an electric shock. Drain should be fully drained. · If the drainage route is incomplete, water may drop from the unit. This may wet and damage the furniture. Piping Drainage hose Air outlet Drain outlet 3 NAME OF EACH PART Remote controller Signal transmitting section PREPARATION BEFORE OPERATION Auto restart function I These models are equipped with an auto restart function. If you do not want to use this function, please consult the service representative because the setting of the unit needs to be changed. Operation display section Auto restart function is ..

. @@@@ · Replace the 2 batteries with new ones of the same type. @@@@ · Pressing those buttons longer increases/decreases the set time by 10 minutes. HR. 5 Press the CLOCK set button again a (Med.

) (High) (AUTO) · If the operating sound of the air conditioner disturbs your sleep, use the (Low) notch. Each time this button is pressed, the operation mode is changed in sequence: (I FEEL...) (COOL) (DRY) (FAN) To stop operation: I I ON/OFF To change the AIR FLOW blowing direction vertically, press the VANE button.

Each time the button is pressed, the angle of the horizontal vane is changed in sequence: (1) (2) (3) (4) (SWING) (AUTO) Press the button. After the operation mode is set once, the operation starts in the same mode as ON/OFF the one set previously from the next time by simply pressing the button. SWING OPERATION Use the swing operation for the air flow to reach all corners of the room. @@@@In this case, change the fan speed to Med. @@One press lowers the temperature by about 1°F. button to raise the temperature. @@@@or upper 7 AIR FLOW VELOCITY AND DIRECTION ADJUSTMENT Movement of the horizontal vane COOL/DRY/FAN NOTE: · Adjust the vertical AIR FLOW direction using the remote controller. Moving the horizontal vane manually can cause trouble. POWERFUL OPERATION Use this operation when you want to cool your room within a short time period. Perform the following operations while the unit is operating in the MANUAL COOL mode.

I AUTO Horizontal position To change the horizontal direction of the air flow, move the vertical vane manually. I Press the button. · The vane automatically moves to horizontal position. It will not swing. NOTE: Air blows out upper than position (1). · To constantly change the air flow direction, select VANE (SWING) with the button. The air conditioner automatically adjusts the fan speed and the set temperature, and operates the POWERFUL mode. The POWERFUL mode is automatically released 15 minutes after operation starts, and the operation mode returns to the mode prior to POWERFUL operation.

@@@@@Horizontal position VANE When to use this function? @@@@@@3 minutes after the vane has moved to the horizontal position.

@@The timer of the set time that is reached first will operate first.

@@@@@ · The button, the are available. FAN TOO WARM TOO COOL VANE 3 or button and ON/OFF timer (explained below) Remove the batteries from the remote controller. CAUTION: Ground the unit. Do not connect the ground to a gas pipe, water pipe, lightning rod or the ground of a telephone. If the grounding is incorrect, it may cause an electric shock.

CAUTION: To prevent liquid leakage, take out all batteries when the remote controller is not going to be used for a long time. MAINTENANCE Before starting maintenance Cleaning the indoor unit How to set the OFF timer 1 2 Press the STOP button during operation. Each time the button is pressed, the OFF timer mode alternates between ON and OFF. I Turn off the breaker. I Clean the unit using a soft dry cloth.

· If the dirt is noticeable, wipe the unit with a cloth soaked in a solution of mild detergent diluted in lukewarm water. · Do not use gasoline, benzine, thinner, polishing powder, or insecticide. The unit may be damaged. · The front panel may come off if it is lifted up past its level position. If the front panel comes off, refer to step 3 in CLEANING THE FRONT PANEL. Set the time of the timer using the TIME buttons (Forward) and (Backward). Each time the button is pressed, the set time increases by 10 minutes; each time the button is pressed, the set time decreases by 10 minutes. CAUTION: When the unit is to be cleaned, switch it off and turn off the breaker. Since the fan rotates at high speed during operation, it may cause an injury. To release the OFF timer: I Press the STOP button.

9 CLEANING THE FRONT PANEL Front panel CLEANING THE AIR FILTER (CATECHIN) Cleaning the air filter (about once every 2 weeks) 2 1 Hold both ends of the front panel and lift the panel up until a "click" is heard. (1) Holding the hinges, lift the panel up until it is level, and pull the hinges forward to remove the front panel.



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(2) 1 Wipe the front panel with a soft dry cloth or wash it with water. After washing the panel, wipe up the remaining water with a soft dry cloth and let it dry out of direct sunlight. · If the dirt is noticeable, wipe the front panel with a cloth soaked in a solution of mild detergent diluted in lukewarm water. · Do not use gasoline, benzine, thinner, polishing powder, or insecticide and do not wash the front panel with a scrubbing brush or the hard surface of a sponge. · Do not soak the front panel in water/lukewarm water longer than two hours and do not expose the panel to direct sunlight, heat, or flames when drying it. The panel may be deformed or discolored. 1 Remove the air filter. Open the front panel, then remove/replace the filter.

3 After washing with water/lukewarm water, dry the air filter well in the shade. · Do not expose the air filter to direct sunlight or heat from a fire when drying it. Air filter Remove. 2 CAUTION: When the air filter is to be removed, do not touch the metal parts of the indoor unit. This may cause an injury.

Hinge Hole CAUTION: · Do not drop the front panel or pull it out forcibly. The panel may be damaged. · Do not step onto an unstable bench when removing or installing the front panel. This may cause an injury, etc. if you fall down.

3 Hold both ends of the front panel, keep the panel level, and insert the hinges into the holes on the upper part of the indoor unit until they click into place. Then, close the front panel securely and press the three positions on the front panel as indicated by the arrows. 2 4 Install the air filter. (Securely install its tabs.) Remove dirt from the air filter using a vacuum cleaner or by washing the filter with water. · Do not wash with scrubbing brush or hard surface of sponge. Otherwise, the filter may deform. @@@@I Do not use a scrubbing brush or sponge. This may damage the surface of the filter.

@@@@@ · The air cleaning filter is disposable.

The standard usable term is about 1 year. Optional parts Optional parts are available from your local dealer. @@ · Is the fuse blown? be operated. · Is the ON timer set? @@not move. · Is the fan guard deformed? @@(Page 7) · Are the filters clean? (Page 10, 11) sufficiently. · Are there any obstacles blocking the air inlet or outlet of the indoor or outdoor unit? · Is a window or door open? The air from the indoor unit · Are the filters clean? (Page 10, 11) smells strange. The display on the remote · Are the batteries exhausted? (Page 5) controller does not appear · Is the polarity (+, -) of the batteries correct? (Page 5) or it is dim. The indoor unit does not respond to the re- · Are any buttons on the remote controller of other electric appliances being pressed? mote control signal. When a power failure oc- · Does the air conditioner start operating again? If the air conditioner had operated before the curs. power failure, as these models are equipped with an auto restart function, the air conditioner should start operating again.

(Refer to Description of "AUTO RESTART FUNCTION" on page 6.) WHEN YOU THINK THAT TROUBLE HAS OCCURRED Question Answer (not a malfunction) Question Answer (not a malfunction) The air conditioner cannot · This protects the air conditioner according to instructions from the microprocessor. Please wait. be operated for about 3 minutes when restarted. Cracking sound is heard.

· This sound is generated by the expansion/contraction of the front panel, etc. due to change in temperature. · When the air conditioner is operated in COOL The air flow direction or DRY mode, if the operation continues with air changes during operation. blowing down for 1 hour, the direction of the air The direction of the horiflow is automatically set to position (1) to prezontal vane cannot be advent condensed water from dropping. justed with the remote controller.

Water leaks from the out- · During COOL and DRY operations, pipe or pipe connecting sections are cooled and this causes door unit. water to condense. The air conditioner starts · These models are equipped with an auto restart function. When the main power is turned off withthe operation only with the out stopping the air conditioner with the remote main power turned on, controller and is turned on again, the air condithough you do not operate tioner will start operation automatically in the the unit with the remote same mode as the one set with the remote concontroller. troller just before the shutoff of the main power. The air from the indoor unit · The air conditioner may suck in an odor adhering to the wall, carpet, furniture, cloth, etc. and smells strange. blow it out with the air. The fan of the outdoor unit · When the outside temperature is low, the fan may not operate to maintain sufficient cooling does not rotate even though capacity. (Only MSY) the compressor is running.

Even if the fan starts to rotate, it stops soon. The sound of water flowing · This is the sound of refrigerant flowing inside the air conditioner. is heard. · This is the sound of condensed water flowing in the heat exchanger. · This is the sound of the heat exchanger defrosting. The sound as burbling is · This sound is heard when the outside air is absorbed from the drain hose in turning on the heard. range hood or the ventilation fan and that makes water flowing in the drain hose spout out. This sound is also heard when the outside air blows into the drain hose in case the outside wind is strong. The room cannot be cooled · When a ventilation fan or a gas cooker is used in a room, the cooling load increases, resulting sufficiently. in an insufficient cooling effect.

· When the outside air temperature is high, the cooling effect may not be sufficient. @@into mist. @@from the indoor unit. @@@@In the following cases, stop using the air conditioner and consult your dealer. · When water leaks or drops from the indoor unit.

· When the left operation indicator lamp blinks. · When the breaker trips frequently. · The remote control signal may not be received in a room where an electronic ON/OFF type fluorescent lamp (inverter-type fluorescent lamp, etc.) is used. · Operation of the air conditioner may interfere with radio or TV reception in areas where the reception is weak.

An amplifier may be required for the affected device. · When thunder is heard, stop operation and turn off the breaker. @@ · Where flammable gas could leak. CAUTION: Do not install the unit where flammable gas could leak. If gas leaks and collects around the unit, it may cause an explosion. · Where there is much machine oil. · Salty places such as the seaside. · Where sulfide gas is generated such as a hot spring. @@@@away from the antennas for TV sets, radios, etc. In areas where the reception is weak, provide greater space between the outdoor unit and the antenna of the affected device if operation of the air conditioner interferes with radio or TV reception.



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wall, etc. Wellventilated dry place CAUTION: · Ground the unit. Do not connect the ground to a gas pipe, water pipe, lightning rod or the ground of a telephone. If the grounding is incorrect, it may cause an electric shock. · If the air conditioner is installed in a high humidity area or near a water source, a Ground Fault Interrupt (GFI) circuit breaker should be installed to protect against an electric shock. Keep a space to prevent the picture distortion or the noise. 3 ft. or more 3 ft. or more Cordless phone or Portable phone Radio TV Inspection and maintenance 4 in. or more 8 in.

or more 10 ft. or more · When the air conditioner is used for several seasons, the capacity may be lowered due to dirt inside the unit. · Depending on the condition, an odor may be generated or dehumidified water may not drain out smoothly due to dirt, dust, etc. · It is recommended that the unit be inspected and maintained (charged) by specialist in addition to normal maintenance. Consult your dealer.

WARNING: If the air conditioner operates but does not cool or heat (depending on model) the room, consult your dealer since there may be a refrigerant leak. Be sure to ask the service representative whether there is refrigerant leakage or not when repairs are carried out. The refrigerant charged in the air conditioner is safe. Refrigerant normally does not leak, however, if refrigerant gas leaks indoors, and comes into contact with the fire of a fan heater, space heater, stove, etc., harmful substances will be generated.

Operating sound considerations · Do not put an object around the air outlet of the outdoor unit. This may lower the capacity or increase the volume of the operating sound. · If an abnormal sound is heard during operation, consult your dealer. Electrical work · Provide an exclusive circuit for the power supply of the air conditioner. · Be sure to observe the breaker capacity. · Use the correct power (voltage and frequency) indicated on the unit to operate the air conditioner and use only fuses or breakers with specified capacity. Do not use pieces of wire instead of fuses. WARNING: · The customer should not install this unit. If installation is done incorrectly, it may cause a fire, an electric shock, or injury from the unit falling, water leaking, etc. · Do not use intermediate connection of the power supply cord or the extension cord and do not connect many devices to one AC outlet.

A fire or an electric shock may result from poor contact, poor insulation, exceeding the permissible current, etc. Consult your dealer. · The unit should be installed by licensed contractor according to local code requirements. Relocation · When the air conditioner is to be removed or re-installed because of rebuilding, moving, etc., special techniques and work are required. WARNING: Repairs or relocation should not be done by the customer. If this is done incorrectly, it may cause a fire, an electric shock, or an injury from the unit falling, water leaking, etc. Consult your dealer. Disposal To dispose of this product, consult your dealer. If you have any questions, consult your dealer.

13 HEAD OFFICE: TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN SG79Y638H01 .



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