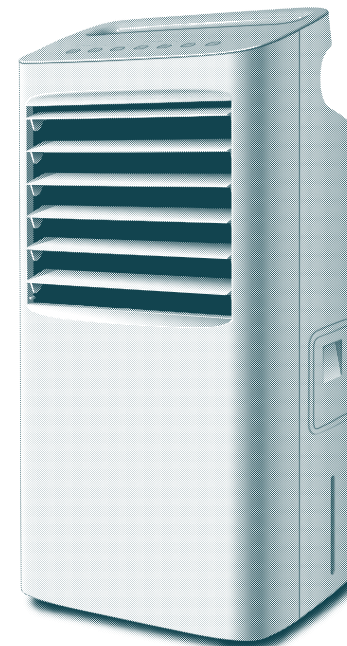


SHARP
SHARP CORPORATION

SHARP[®]



AIR COOLER

PJ-A100TV-W

OPERATION MANUAL



The product is subject to change without notice.
The graphs in this instruction manual may be different
from the actual products; please refer to the actual products.

Please read these instruction carefully before
operating the appliance.

If you have lost the Owner's Manual, please contact
the local agent or visit https://my.sharp/contact_us or
send email to sharpcs_support@my.sharp-world.com
for electronic version.



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Thank you for choosing our product.
Wish you have a good operation.

Content

Safety Regulation

Safety Regulation 2

Product Instruction

Parts' Name 4

Main Technical Parameters 5

Product Operation

Installation Method 6

Control Panel 7

Operation Instruction 7

Maintenance

Clean and Maintenance 11

Troubleshooting 13

Exception Clauses

Exception Clauses 14

Please follow this instruction manual strictly for correct operation. In order to prevent personal injury and property loss, please follow those safety regulations as below.

Safety Notices

1. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

2. Please insert the power plug completely into the socket (same for inserting the other end of power cord to the unit socket).

3. Please hold the plug when pulling out the power socket and prohibit dragging the power cord.

4. Do not remove or insert the power plug with wet hands (same for inserting and removing the other end of power cord from the unit socket).

5. Do not damage or alter the power cord arbitrarily. It should not be twisted, extended, bundled up or near hot places. Do not place heavy things on the power cord or place the cord in the gap between objects.

6. Do not put heavy objects on the top of the unit. Prohibit covering air outlet and air inlets at both sides. Do not block the unit by placing other objects in front the unit or 1m away from the air inlet at left and right sides.

7. This appliance is not applicable to be used in high-temperature environment. Do not place the unit at a high-temperature or low-temperature place. Water in the tank may be deteriorated easily, please replace water regularly.

Safety Notices

1. This product is only for household use.

2. If the unit is not being used for a long time, please pull out the power plug to avoid damaging the unit.

3. This appliance is with humidifying effect; please do not operate the unit in a closed environment. If this environment is unchangeable, please turn off the humidifying and cooling function.

4. Add water before the water level drops to the minimum water level. Do not exceed the maximum water level when refilling.

5. If the unit is to be packed or transported, drain the water out and operate normal wind mode for approximate 30 minutes. Make sure the evaporator completely dry before packing to avoid foul-smelling.

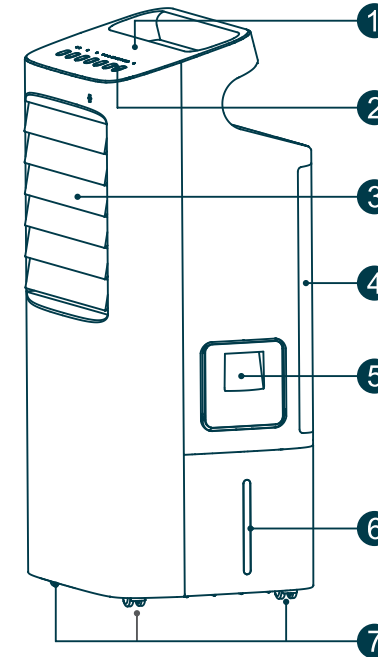
6. Use a damp cloth to wipe the surface of the unit. Do not use corrosive ambulant or solvent to clean the surface. Prohibit washing the unit directly with water.

7. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

8. **NOTE:** Ensure that the fan is switched off and power plug is removed from the supply mains before cleaning and when refilling the water. (bold this please)

9. Unplug the appliance during filling and cleaning.

Parts' Name



- | | |
|-------------------------|------------------|
| ① Control panel | ④ Wet Evaporator |
| ② Buttons | ⑤ Funnel |
| ③ Louvers, swing blades | ⑥ Water Tank |
| ⑦ Castor | |

Remark: the product structure chart is subject to change without further notice. Please refer to the material object.

Main Technical Parameters

Model	PJ-A100TV-W
Rated Voltage	220-240V~
Rated Frequency	50Hz
Rated Power Input	68W
Rated Air Volume	370m ³ /h
Rated Evaporation Capacity	1100mL/h
Noise	≤64dB(A)
Type	Cooling Only

- Note: ① Water consumption will be increased or decreased according to the ambient humidity.
- ② If the parameters above have been changed, please refer to the nameplate on the product.

Installation Method

1. Open the box and take out the unit. Check whether there are an operation manual, a remote control and four ice packs.
2. Do not tilt the unit during operation. Check whether the socket power meets the parameters on the nameplate of the unit.
3. Filling water:
Open the water funnel at the side of the unit, fill the water tank with water slowly. After that, close the water funnel at the original position.(Fig.1)

Notes

- Before filling water, please turn off the unit and unplug the power plug to prevent potential damage to the unit and electrical shock hazard.
- Please do use clean tap water.
- Fill water not exceeding maximum water level else water will overflow.

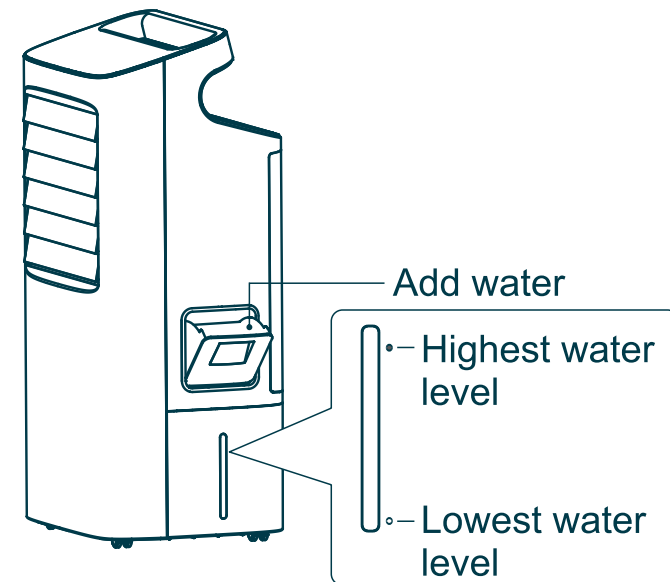
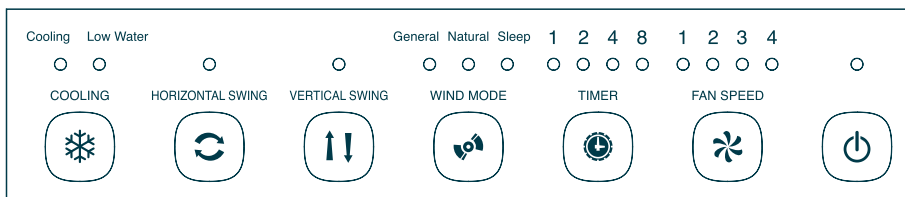


Fig.1

Control Panel




Operation Instruction

Button statement

■ Standby

First, insert power plug into the power socket. Once the unit is turned on, the appliance will emit sound. At the same time, the power indicators will be on and the unit will enter standby mode.

■

1. Press “

■ Fan Speed

Under ON status, press this button to set fan speed. Press this button repeatedly to select fan speed circularly as follows: soft → low → middle → high.

■ Timer

1. Timer

- Under ON status, press “Timer” button to set timer standby function.
- Press this button continuously to set timer standby time circularly in the sequence of 1h → 2h → 3h →15h → cancel.
- When timer time is reached, the unit will enter standby status.

2. Preset

- Under standby status, press “Timer” button to set preset on function.
- Press this button continuously to set timer on time circularly in the sequence of 1h → 2h → 3h →15h → cancel.
- When preset time is reached, the unit will turn on automatically and enter operation status.

■ Wind Mode

1. Under ON status, for every press of “Wind Mode” button, the mode will be shifted circularly in “General – Natural – Sleep”; Corresponding indicator is set for Normal wind, Natural wind and Sleep wind.
2. General wind: It blows wind in constant speed.

Natural wind: It blows wind by simulating natural wind according to the preset program, the fan speed will be increased or decreased naturally.
 Sleep wind: It blows wind based on the sleep demand according to the preset program. Auto notch reduction function is available, the fan speed will be reduced every hour, the minimum fan speed can be reduced to notch 1.

■ Horizontal Swing

Under working status, press this button for the first time to start horizontal swing. The corresponding indicator will be on. Press this button again to stop horizontal swing.

■ Vertical Swing

Under working status, press this button for the first time to start vertical swing. The corresponding indicator will be on. Press this button again to stop vertical swing.

■ Cooling

Under working status, press the button to turn on cooling function. The water pump will start working and the cooling indicator is on. Press this button again to turn off the cooling function, the water pump will stop and cooling indicator will off.

■ Low Water Level Protection Function

-When the water level is low, water pump will stop operation and low water indicator will blink simultaneously. Under cooling mode, fan motor would not be affected during low water level protection.

-When low water level protection activated, please refill the water tank and turn on cooling function again.

■ Half-light display

When there's no button operation for consecutive 40s, the unit will enter into half-light display. Press any button to exit from the half-light status.

■ Auto standby

Under working status, if no operation in 15 consecutive hours, the unit will enter standby status automatically.

■ Memory function

This unit will save the present operation setting when entering standby status. The saved setting will be resumed when the unit is being turn on again. (Memory function is only valid when the power supply is connected.)

■ Wet curtain protection

When taking off the wet curtain, the complete unit will be off automatically. Timer indicator 1, 2, 4 and 8 flashes for 6s and off for 3s and operation is not available; when putting back the wet curtain, the unit will enter into standby status again.

■ Remote controller

Please point the infrared transmitting tube at the remote control receiving window when operating. (please take the battery out if the remote control is not being used for a long time.)

■ Air Swing

Under working status, press Air Swing button to change air swing direction. Press this button continuously to set air swing direction circularly in the sequence of horizontal swing →vertical swing →horizontal swing & vertical swing →cancel.

■ Ice pack

1. During operation opening the ice pack cover or consuming the gel is the ice pack is strictly prohibited.

① Before using, please place the ice pack to the refrigerator for freezer for about 4 hours, then place it to the water of internal water tank.

② Place the ice pack: place the ice pack from the rear filter screen.

Take out the ice pack: take out the ice pack from the rear filter screen. (Fig.2)

■ Note

※ Before taking out the ice pack, please turn off the unit and unplug the power plug.

2. The provided ice pack can be used circularly.

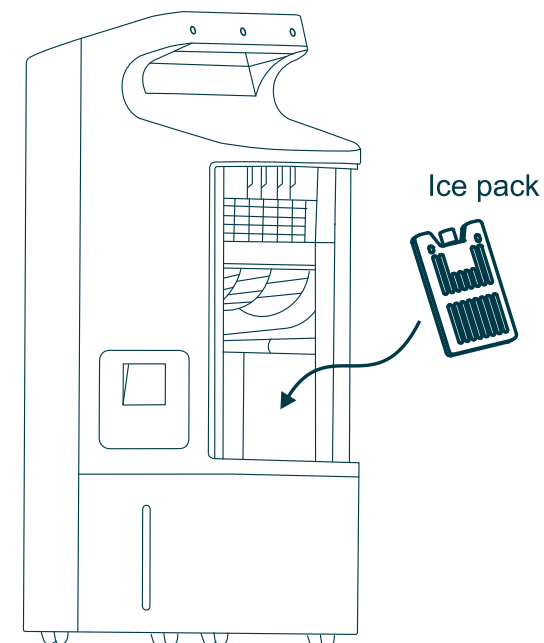


Fig.2

Clean and Maintenance

1. Unit maintenance

- ①. When the unit is not used for a long time, please drain the water inside water tank.
- ②. Operate the unit under general wind, dry the wet evaporator completely and then turn off the unit. Unplug the power plug.
- ③. Cover the unit with plastic bag and then put it at the ventilated place for storage.

2. Cleaning

- ①. Before cleaning the unit, please turn off the unit and unplug the power plug.
- ②. You are recommended to clean the water tank, filter and wet evaporator once every two weeks.

Cleaning method is as follow:

- 1) Take out the component of wet curtain through the clasp location of wet curtain frame. Break it from both sides of the wet curtain frame slightly from outward direction, then take out the wet curtain and its filter screen (Fig.3); wash the wet curtain with clean water, then dry it.
- 2) Pull out the filter screen: put your hands into the water tank and pull out the filter screen of submersible pump upwards (Fig.4).
- 3) Clean the filter screen with soft hairbrush or cloth, then wash it with clean water.

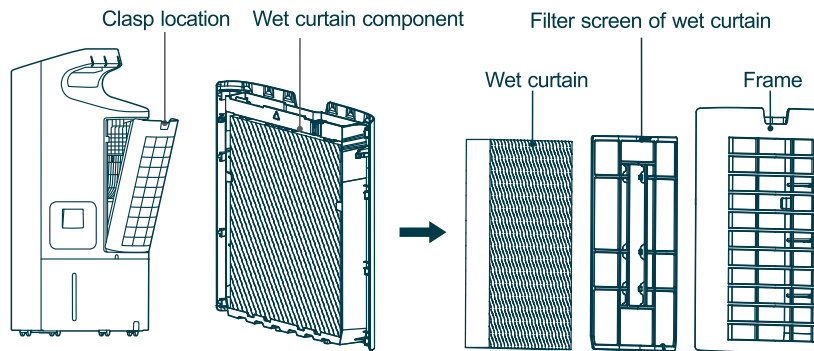


Fig.3

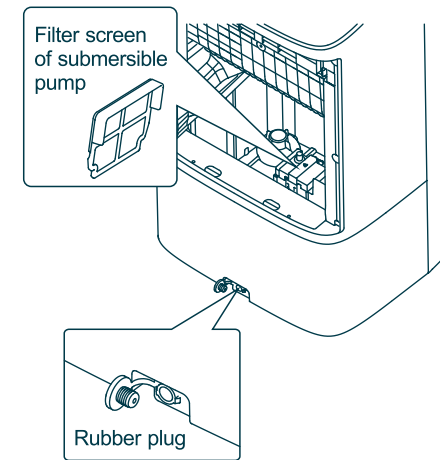


Fig.4 Integrated water tank

Cleaning of water tank

1. Pull out the rubber plug, drain the residual water inside the water tank and then reinstall the rubber plug.
2. Use cloth dipped with small amount of neutral detergent to clean the inner side of the water tank, wash it with clean water and then pull out the rubber plug to discharge the waste water.

Cleaning of unit body

1. Use wet cloth to wipe the surface of the unit. Washing the unit directly with water is prohibited.
2. Do not use corrosive detergent to clean the unit.
3. Please install the wet evaporator and filter correctly and securely after cleaning is done.

Troubleshooting

Error	Cause	Method
Not operating	<ol style="list-style-type: none"> 1. Not connected to power supply. 2. The wet curtain component is not well installed. 3. The unit is off. 4. Internal wiring is loose. 	<ol style="list-style-type: none"> 1. Energize the unit and make sure it is well connected. 2. Reinstall the wet curtain component. 3. Turn on the unit according to the operation guidance. 4. Send the unit to appointed Sharp service center.
No humidification /Submersible pump has abnormal sound	<ol style="list-style-type: none"> 1. No water inside water tank or water level is lower than minimum water level. 2. The submersible pump can't draw water. 3. The filter screen of submersible pump is blocked. 4. The water outlet hole of wet curtain component is blocked. 5. The submersible pump is damaged or internal wiring is loose. 	<ol style="list-style-type: none"> 1. Disconnect the power and add water, make sure the water level is higher than the minimum water level. 2. Repeat pressing "Humidify" button until the submersible pump can draw water normally. 3. Clean the filter screen of submersible pump. 4. Clean the wet curtain component. 5. Send the unit to appointed Sharp service center.
Abnormal sound of the unit	<ol style="list-style-type: none"> 1. There are sediments inside the unit. 2. The impeller is loosened. 3. Other causes. 	<ol style="list-style-type: none"> 1. Remove the filter and then remove the sundries. 2. Send the unit to appointed Sharp service center.
Timer indicator 1, 2, 4 and 8 flashes for 3s and off for 3s	Communication fault between main board and display board.	Send the unit to appointed Sharp service center.

Exception Clauses

Manufacturer will bear no responsibilities when personal injury or property loss is caused by the following reasons:

1. Damage the product due to improper use or misuse of the product;
2. Alter, change, maintain or use the product with other equipment without abiding by the instruction manual of manufacturer;
3. After verification, the defect of product is directly caused by corrosive gas;
4. After verification, defects are due to improper operation during transportation of product;
5. Operate, repair, maintain the unit without abiding by instruction manual or related regulations;
6. After verification, the problem or dispute is caused by the quality specification or performance of parts and components that produced by other manufacturers;
7. The damage is caused by natural calamities, bad using environment or force majeure.