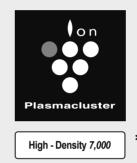


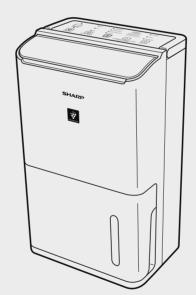
DEHUMIDIFIER DW-D12A

OPERATION MANUAL

SHARP[®] DEHUMIDIFIER **OPERATION MANUAL**

Model **DW-D12A**





* The number in this technology mark refers to the approximate quantity of ions per cm³ of air released from the dehumidifier equipped with a high-concentration Plasmacluster ion generating unit which was measured at the center point (1.2 meter height above the floor) of high-concentration Plasmacluster 7,000 applicable floor area room(temperature 28°C, humidity 50%) when the dehumidifier was placed against the wall and runs in laundry mode and the swing louver is set to full open position.

Device of this mark is a trademark of Sharp Corporation. Plasmacluster is a registered trademark or a trademark of Sharp Corporation.

Do not use the product for commercial purposes.



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CONTENTSPAGEFEATURES2SAFETY PRECAUTIONS3PARTS NAME7• FRONT VIEW7• BACK VIEW8• BACK VIEW8• INSTALLATION LOCATION9• WHEN MOVING9• WHEN MOVING11• COMPRESSOR STOP/START PROTECTION11• CONTROL PANEL• EASY-TO-USE FUNCTIONS13
 FRONT VIEW BACK VIEW BEFORE USE INSTALLATION LOCATION WHAT YOU NEED TO KNOW WHEN MOVING AUTO DEFROST COMPRESSOR STOP/START PROTECTION
 FRONT VIEW BACK VIEW BEFORE USE INSTALLATION LOCATION WHAT YOU NEED TO KNOW WHEN MOVING AUTO DEFROST COMPRESSOR STOP/START PROTECTION
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 INSTALLATION LOCATION WHAT YOU NEED TO KNOW WHEN MOVING AUTO DEFROST COMPRESSOR STOP/START PROTECTION
WHAT YOU NEED TO KNOW 9 • WHEN MOVING 4000000000000000000000000000000000000
WHEN MOVING AUTO DEFROST COMPRESSOR STOP/START PROTECTION
AUTO DEFROST COMPRESSOR STOP/START PROTECTION
COMPRESSOR STOP/START PROTECTION
11
HOW TO OPERATE 11 • CONTROL PANEL • EASY-TO-USE FUNCTIONS
• CONTROL PANEL • EASY-TO-USE FUNCTIONS
• EASY-TO-USE FUNCTIONS
C OTHER FUNCTIONS 13
• AUTO STOP AT TANK FULL
POWER FAILURE MEMORY
LOW/HIGH TEMPERATURE PROTECTION
HOW TO DRAIN 14
WATER TANK
CONTINUOUS DRAINPIPE
≤ CARE AND MAINTENANCE 16
CARE AND MAINTENANCE 16 • AIR INLET • FOR HEAVY DUST • WATER TANK • MAIN UNIT
• FOR HEAVY DUST
• WATER TANK
• MAIN UNIT
WHEN NOT USING FOR A LONG
PERIOD OF TIME
SPECIFICATIONS 19
SPECIFICATIONS 19 TROUBLESHOOTING 20
HCA
-Tio
S

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FEATURES



The dehumidifier deodorizes, cleans and quickly dries clothes hung up in the room by using the high-concentration Plasmacluster Ion (PCI) technology and the powerful dehumidifying function.

CLOTHES DRYING

Quickly dry laundry with maximum air flow, and stop automatically. The dehumidifying and air supply functions work together to effectively dry clothes hung up in the room. The dehumidifier will stop automatically after the clothes are dried.

LAUNDRY DRYING

PLEASANT

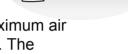
Maintain desired

room atmosphere.

DEHUMIDIFYING

humidity for a pleasant

AUTO DEHUMIDIFYING



AUTO SWING

The dehumidifier swings its louvers over a wide angle to dry and dehumidify a large area.

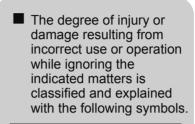
LARGE WATER TANK

The dehumidifier comes with a 4.0L water tank which can fully meet the dehumidifying requirement. Continuous drainage is enabled.

* The number in this technology mark refers to the approximate quantity of ions per cm³ of air released from the dehumidifier equipped with a high-concentration Plasmacluster ion generating unit which was measured at the center point (1.2 meter height above the floor) of high-concentration Plasmacluster 7,000 applicable floor area room(temperature 28°C, humidity 50%) when the dehumidifier was placed against the wall and runs in laundry mode and the swing louver is set to full open position.

SAFETY PRECAUTIONS

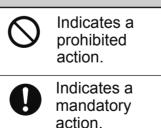
To prevent any possible injury to persons or damage to property, be sure to follow the basic safety precautions, including the following:



Indicates a potentially hazardous situation which, if not avoided, could result in serious injuries or even death.

Indicates a potentially hazardous situation which, if not avoided, could result in personal injury or property damage.

The precautions to be observed are indicated with the following symbols and signs.



Power Plug, Power Cord

 Do not connect the unit from extension cord or multiple wiring with other electronic appliances.

(Otherwise, electric shock, fire or overheat may be caused.)

•Do not damage the power cord.

•Do not process, forcibly bend, pull by force, twist or bind the power cord.

 Do not place heavy objects on the power cord, or apply too much force to it.

•Do not attempt to replace the power cord on your own.

• Do not damage the power cord while moving the unit on its casters.

(Otherwise, fire or electric shock may be caused.)

•Do not use other than the rated voltage 220V (50Hz).

• Do not operate or stop the unit by using the power plug.

(Otherwise, electric shock or fire may be caused.)

- In case of an exception (e.g., burnt smell), be sure to immediately shut the unit down and remove its power plug.
- Make sure there is no dust on the power plug and insert it into the outlet completely. Any dust around the power plug should be wiped off with a dry cloth periodically.

(Accumulated dust may result in poor insulation from humidity, etc., thereby causing fire or electric shock.)

- 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.
- 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 in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Main Unit

- Do not make modifications. Disassembly, repairing, modifications shall not be made by a person other than the service engineer. (Otherwise, fire, electric shock or injury may be caused.)
- Do not place spray cans close to the main unit. (Besides, do not use flammable hazardous materials (gasoline, thinner, etc.) near the main unit. Otherwise, ignition of fire, explosion may occur.)
- Do not put fingers or foreign objects (pin, needle, stick, etc.) into the air outlet or air intake.

(The fan is rotating at high speed inside. Injury, electric shock and malfunction may occur.)

• Do not place the unit near heating appliances. (Otherwise, plastic parts will melt and fire ignition may occur.)

Power Plug, Power Cord

- Always hold the power plug when unplugging the unit. (Otherwise, fire, electric shock, short circuit may occur.)
- If you are planning not to use the unit for a long time, unplug the power plug from outlet for safety.
- plug from the socket.

During Usage

when you move it. (Otherwise, the floor or carpet may be scratched).

- Do not overturn or drop the main unit. Do not store or move the dehumidifier when the main unit is overturned. (Otherwise, equipment damage or malfunction such as water/electric leakage may be caused.)
- closet or furniture.
- (Poor ventilation may lead to overheating or fire.)
- Do not rinse the main unit with water.
- location exposed to rain and wind.
- Do not leave the unit where oil or flammable gas may leak. (Otherwise, electric shock, overheating, electric leakage or fire may be caused.)
- Do not expose the air from this product directly to heating appliances. (Otherwise, incomplete combustion of heating may be caused.)
- Do not stand or lean on the main unit. (Otherwise, injury may be caused from moving or falling.)
- Do not use the drained water for drinking or feeding. (Otherwise, health problems may be caused.)
- Do not use for storage/special purpose for artworks or academic materials. (Otherwise, guality degradation of stored materials may be caused.)

(Otherwise, electric shock, electric leakage or fire may be caused.) • During maintenance, be sure to power off the dehumidifier and remove the power

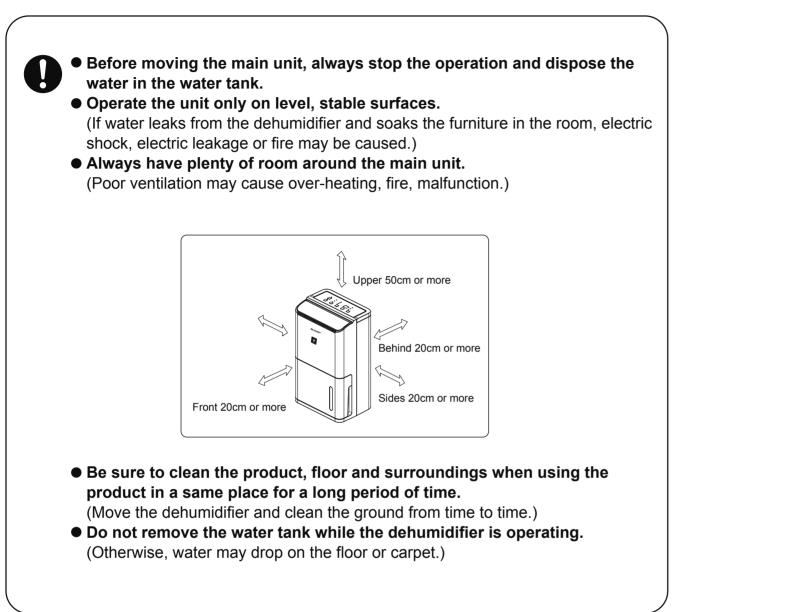
• For the vulnerable floor, uneven floor or long wool carpet, lift the main unit

• Do not use the dehumidifier in a narrow place, for example, the gap of a

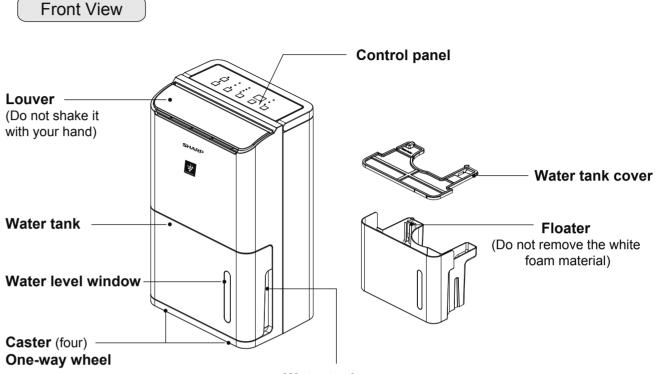
• Prevent cloth or other objects from obstructing the air outlet or inlet.

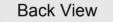
• Do not place an object with water such as a vase on top of the main unit. • For indoor use only. Do not use the unit under direct sunlight or in any

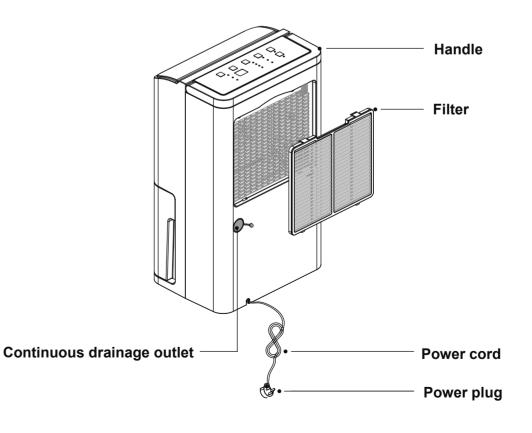
PARTS NAME



b

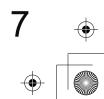








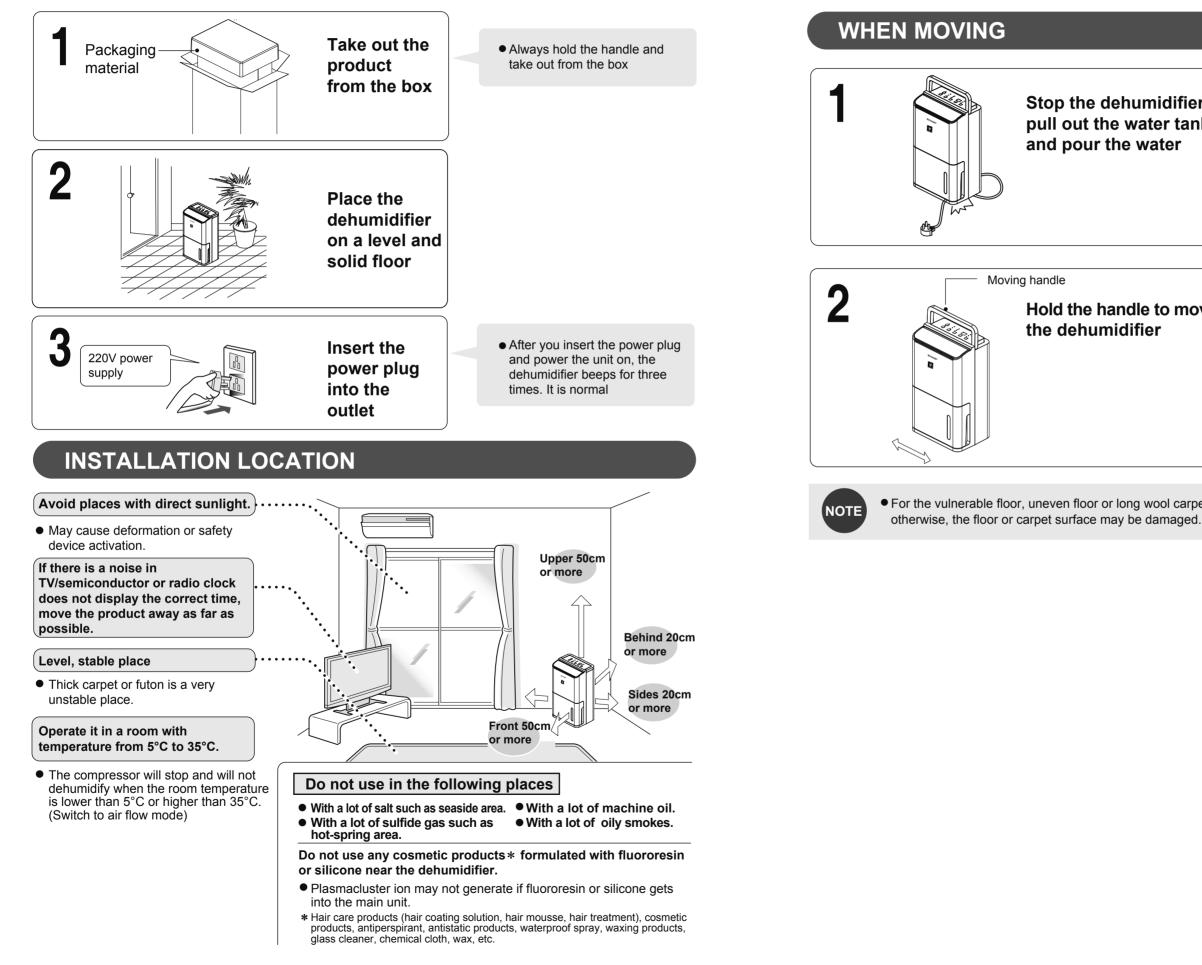




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BEFORE USE

WHAT YOU NEED TO KNOW



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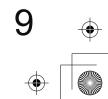
Stop the dehumidifier, pull out the water tank,

• Bind the power cord, and move it together with the handle. The power cord may be scratched if you drag it on the floor

BEFORE USE\WHAT YOU NEED TO KNOW

Hold the handle to move

• For the vulnerable floor, uneven floor or long wool carpet, lift the main unit when you move it;



AUTO DEFROST

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When the dehumidifier operates at a low temperature, the evaporator surface may be frosted. To ensure normal operation, the dehumidifier provides the automatic defrosting function.

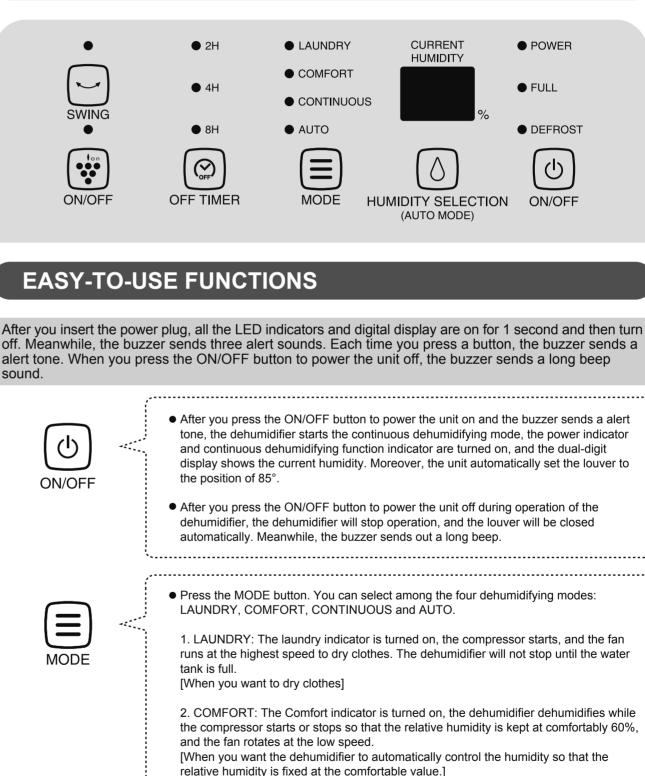
- During defrosting, the defrosting indicator is on, the compressor stops, and the fan keeps rotating at the highest speed. After the defrosting ends, the dehumidifying function starts, the compressor restarts, and the fan resumes the preset speed.
- When the temperature sensor fixed on the copper pipe of evaporator detects that the dehumidifier temperature is lower than or equal to -1°C (and the relative room temperature is lower than or equal to 13°C), the dehumidifier will start the automatic defrosting procedure, namely, the dehumidifier defrosts automatically after the dehumidifying mode runs for 20 minutes; when the evaporator surface is defrosted completely, the temperature sensor detects that the temperature is higher than or equal to 2°C and the defrosting duration is longer than or equal to 10 minutes, the dehumidifier will stop defrosting and enable the dehumidifying function.

COMPRESSOR STOP/START PROTECTION

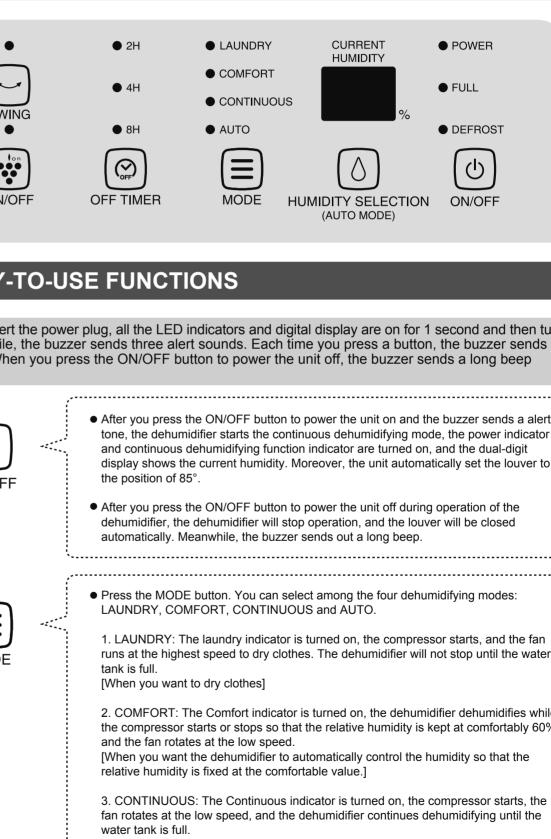
- During operation, if the compressor stops due to any operation, the dehumidifier will automatically switch to the function of restarting the compressor after stopping it for 3 minutes, namely, the compressor cannot be restarted in 3 minutes, but other functions are available.
- In the dehumidifying mode, if you remove and replace the water tank or power off and power back on the dehumidifier, the dehumidifying function will start after an interval of 3 minutes.

HOW TO OPERATE

CONTROL PANEL



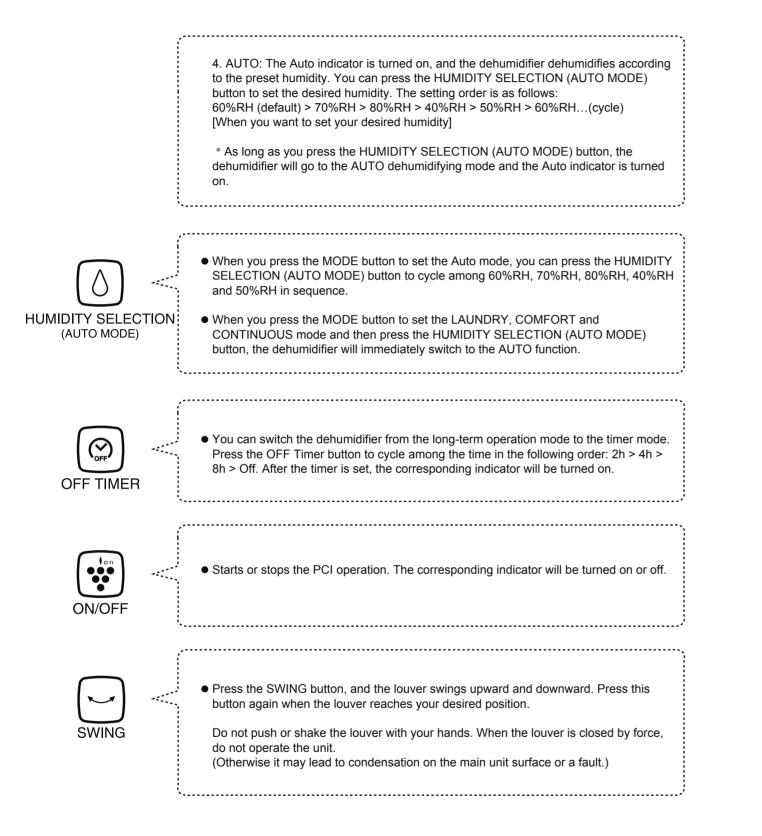
sound.



[When you want to always keep dry]

WHAT YOU NEED TO KNOWHOW TO OPERATE





OTHER FUNCTIONS

AUTO STOP AT TANK FULL

warning sounds, and only the Tank full indicator is on.

POWER FAILURE MEMORY

- same button, the dehumidifier will begin operating with the mode before it is powered off.
- powered back on.

LOW/HIGH TEMPERATURE PROTECTION

- digital display blinks and shows C1.
- or equal to 40°C within two continuous minutes, the dehumidifier will stop running and enable the dehumidifier.

• If the water in the water tank reaches the set level when the dehumidifier operates in the dehumidifying mode, both the compressor and the fan motor stop running, the unit stops operation the buzzer sends out ten

• After you power off the unit by pressing the ON/OFF button, when you power it back on by pressing the

• If power fails while the dehumidifier is operating (i.e. the power plug is removed), the dehumidifier will memorize the operating mode before the power failure and resume this mode automatically after it is

• The function eliminates the risk that the dehumidifier may operate in an abnormal environment. When the temperature/humidity sensor of the air inlet detects that the current ambient temperature is lower than or equal to 0°C or higher than or equal to 40°C (including open circuit or short circuit of the temperature sensor (NTC)), the dehumidifier will stop running and enable the over-temperature protection function. The buzzer keeps sending out three long and two short warning tones, all the indicators turn off, and only the

• When the temperature sensor of the copper pipe of evaporator detects that its temperature is higher than over-temperature protection function. All the indicators turn off, only the digital display blinks and shows C2, none of the buttons work, and the buzzer does not beeps. In this case, you must power off and back on the **HOW TO OPERATE OTHER FUNCTIONS**

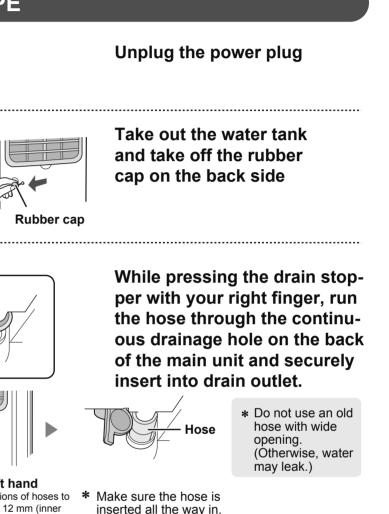
HOW TO DRAIN

After the water tank is removed, the Tank full indicator is on and the operation stops.

WATER TANK **CONTINUOUS DRAINPIPE** When the water tank is full, the dehumidifier will stop running FULL automatically. You need to empty the water tank and put it back into d On ⊲ 2 the main unit. Otherwise, the dehumidifier cannot be restarted. Beep, beep Water tank Remove the • To prevent water overflow, pull water tank the water tank out slowly and carry it around carefully. Do not tilt or drop the water tank Water tank groove (left) Tank groove Water tank groove (right) Pull it out straightly Drain outlet Empty the 2 Drain stoppe water tank Continuous drainage hole Uncover the drainage outlet of the water tank to pour the water away Press with your Insert with your left hand right finger Recommended specifications of hoses to Put the water • Push in the water tank reliably 3 be purchased separately: 12 mm (inner and properly diameter); 16 mm (outer diameter). tank back into • Do not push in the water tank the unit rashly (otherwise malfunction may be caused) • For continuous drainage, remove the rubber plug of water line with your Continuous hands and connect a proper soft plastic pipe to the drainage mouth drainage through the drainage hole in the rear cover. The water tank will not be filled with water when the dehumidifier operates continuously. In this Drainage case, the dehumidifier can operate continuously and will not stop due to hole plug protection when the water tank is full of water. • During continuous drainage, the drainpipe must be kept flat on the floor. Continuous drainpipe No part of the drainpipe can be folded or upturned, and the outlet of the drainpipe cannot go deep under the liquid surface of another container; otherwise water cannot be drained smoothly or drainage may stop. • Always stop the operation and dispose water before moving the main unit. ΝΟΤΕ (Water in the tank may spill and damage household goods.)

• Clean the inside of water tank periodically (about once a week). (Failing to clean for a long period of time may increase mold and bacteria which causes bad odor.)

14



Set the water tank to the main unit

HOW TO DRAIN

CARE AND MAINTENANCE

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We recommend periodical cleaning for a long, clean and sanitary use!

caused

Remove the filter

Blocking the air inlet cover may

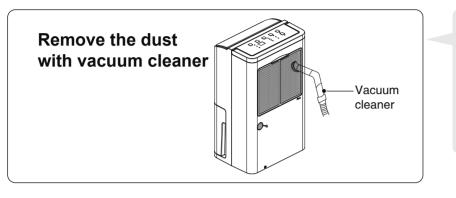
deteriorate the dehumidifying

without the air inlet cover, dust

will be accumulated in the main unit and malfunction may be

capability and waste energy • If the dehumidifier operates

AIR INLET Once a week



FOR HEAVY DUST

Pull the plug out of the socket



(For the sake of safety, be sure to stop the dehumidifier and remove the power plug from the socket.)

2 Wash off the dust from

3

16

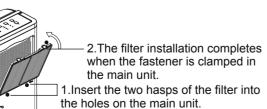
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the net and dry it (Remove gently with a small brush)

Use mild detergent (dishwashing soap) in lukewarm water for heavier dusts.



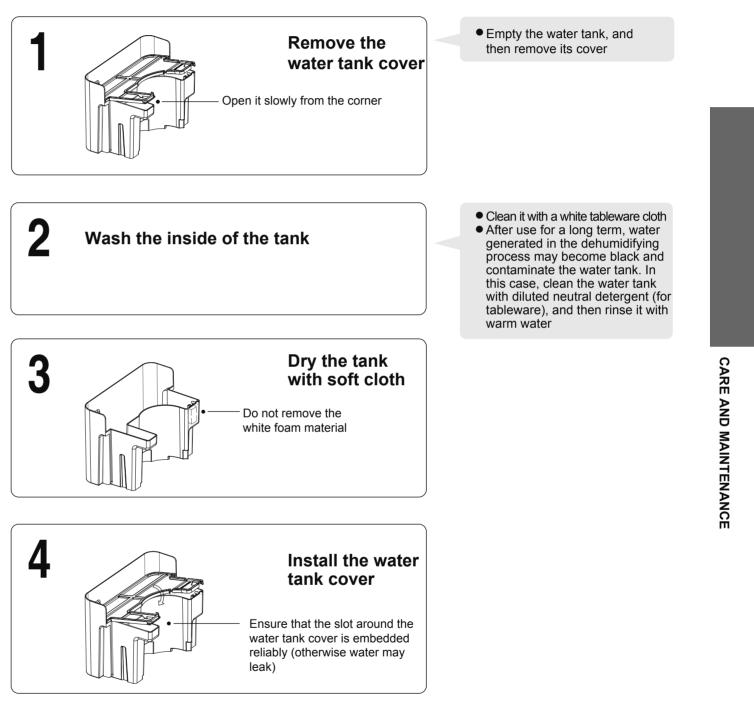
Install the filter as it was back into the main unit

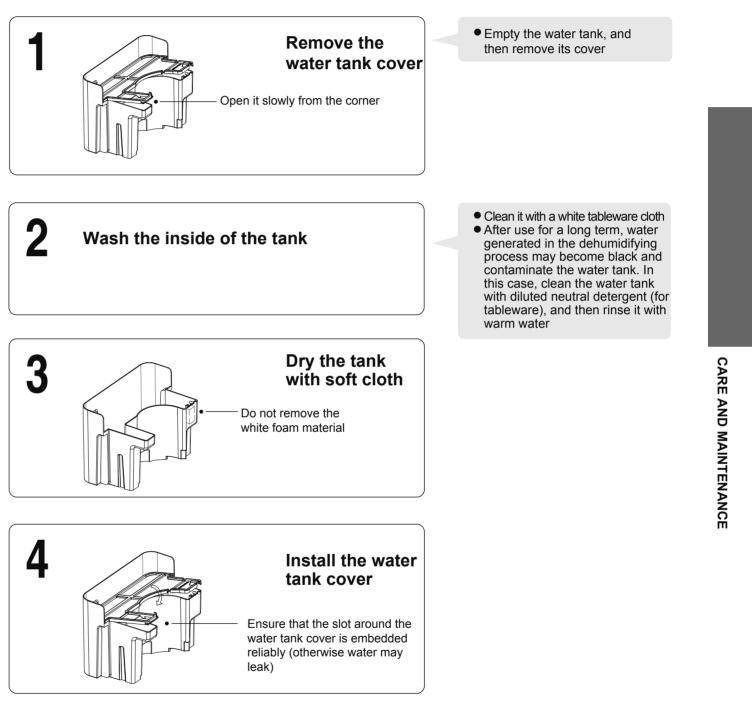


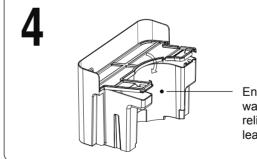
when the fastener is clamped in .Insert the two hasps of the filter into

the holes on the main unit.

WATER TANK









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NOTE

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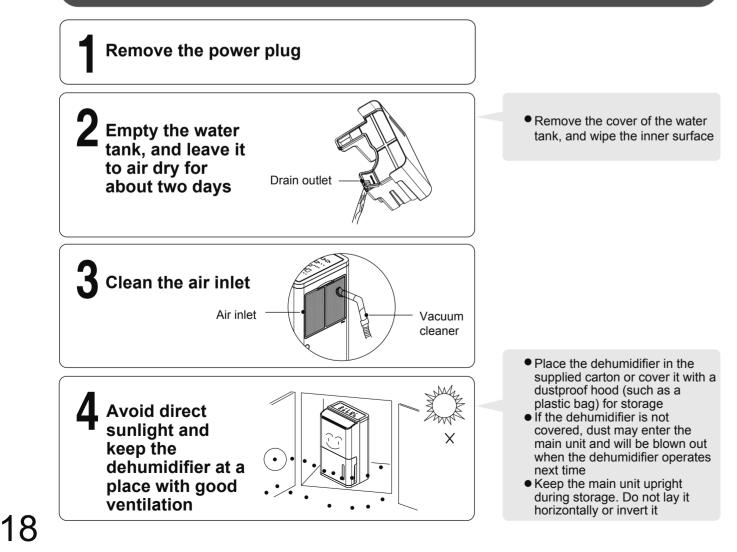
Use a soft cloth soaked with warm water (lower than 35°C) or neutral detergent (for tableware) to wipe dirt from the surface.



• Poor insulation or rust may occur if the main unit gets wet. • When using chemical agent, please follow the direction for use.

• Do not use materials that harm plastics, for example, diluent, gasoline, alcohol, petroleum, soap, lapping powder, alkaline detergent, hot water and acid.

WHEN NOT USING FOR A LONG PERIOD OF TIME



SPECIFICATIONS

Model		DW-D12A
Power Supply		220V-240V/50Hz
Dehumidifying Capacity	30°C/80%RH	12L/day
	26.7°C/60%RH	6.5L/day
Power Consumption	26.7°C/60%RH	160W
Standby Status		0.45W
Dehumidification Area		13-26m ²
Water Tank Capacity		Approx. 4L
Length of Power Cord		Approx. 1.8m
Dimensions		314mm(W)×225mm(D)×527mm(H)
Weight		About 10kg

* According to standards of Japan Electrical Manufacturers' Association (JEMA).

respectively.

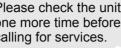
Please be well noted that the product specifications are subject to change without a prior notice.

• The dehumidifying capability: the amount of humidity that a dehumidifier removes from the air in a day when room temperature and relative humidity are kept at 30°C/80%RH and 26.7°C/60%RH

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TROUBLESHOOTING Please check the use one more time before calling for services



e unit efore es.	A	
	21	\vee

	RA	
Problem	Solution R	eference Page
The room becomes hot	 Warm air will come out from the air outlet in the front during dehumidifying operation. If the unit is used in an enclosed room, the room temperature will rise. 	-
The unit does not dehumidify	 The dehumidification level varies with the temperature and humidity level of the room. When room temperature or humidity level is low, the dehumidification level will be low in general. 	-
Dehumidification amount is low (Water does not accumulate in the tank)	 The compressor stops and only the fan rotates during auto dehumidi- fying operation when humidity level is lower than the set level, and the unit will not dehumidify. 	-
	 When the room temperature is below 5°C, the compressor stops and only the fan rotates to prevent the water tank's water from freezing, and the unit does not dehumidify. 	8
	 When the room temperature is high, the protective device is activated, the compressor stops and only the fan rotates, and the unit does not dehumidify. 	8
	• When the room temperature is 13°C or below, the unit will automatically defrost, the compressor stops and only the fan rotates. Therefore, water may be harder to collect.	10
	 Check to see if the air inlet cover is clean. If it is dirty, clean the air inlet cover. 	-
	 Check to see if the air outlet or air inlet is blocked. ⇒ Remove whatever blocks the port. 	-
The water leaks	 Make sure you do not tilt, knock over or drop the main unit. ⇒ Use the unit at a level and stable place, free of vibration. 	_
The air volume increases automatically	• When the ambient temperature is above 32°C, the unit will automatically increase the air volume with high fan speed to reduce the temperature in the main unit even operating in operation mode with low fan speed.	-
	 When the ambient temperature is below 32°C, the unit will operate according to the preset mode (where the transition phase is 30°C to 32°C). 	-
When the currently displayed humidity is abnormal	• When the humidity setting button is not pressed during operation of the unit, the dual digital display shows the ambient humidity value (30, 35, 4085, 90) of the unit. LO is displayed when the humidity value is lower than 30%RH; HI is displayed when the humidity value is higher than 90%RH.	_

	Problem	Solution Re	eference Page
	Alert sound	• When the power plug is inserted, the buzzer beeps three times. The buzzer beeps once each time you press a button; the buzzer sounds a long beep when you press the ON/OFF button to turn off the unit.	11
Sound	Sound at the start of operation/during operation/when the unit stops	 Whipping, howling soundThis is the sound of refrigerant (coolant) circulation. Buzzing soundThis is the operating sound of the compressor. 	_
	The sound is too loud	• The unit will sound loudly for the first few seconds upon power-on when the room temperature is too low. (This duration varies with the temperature.)	_
		 Check to see if the dehumidifier is properly placed on the floor. Check to see if the floor is flat. Use the unit at a level and stable place, free of vibration. 	8
		 Check to see if the air inlet cover is clogged. ⇒ Clean it. 	16
	The operation stops	 Check the power plug. ⇒ If not inserted, insert the power plug into an outlet. 	-
The operation stops		 Check to see if there is a power outage. ⇒ If there is a power outage, wait until the power is resumed. 	-
	The tank FULL indicator light is on	 Check to see if the water tank is properly placed. ⇒ If not, place the water tank correctly. 	14
	Tank FULL indicator	 Check to see if the water tank is full. ⇒ If the tank is full, drain the water. 	14
	When the digital display shows other values such as C0 and C3	 When the ambient temperature is between 5°C and 35°C, the indicator is still blinking. The unit may malfunction. ⇒ Please contact SHARP authorized service centre. 	-

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TROUBLESHOOTING

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