



pure indoor living



DIGITAL
DEHUMIDIFIER

MODEL: BD20S-CN



Instruction Leaflet

Read instructions before operating. Retain for future reference.



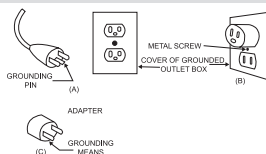
Questions? Comments? Call 1-800-253-2764 in North America.

PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Read all instructions before using the appliance.
2. To avoid fire or shock hazard, plug the appliance directly into a 120V AC electrical outlet.
3. Keep the cord out of heavy traffic areas. To avoid fire hazard, NEVER put the cord under rugs or near heat registers.
4. DO NOT place dehumidifier near heat sources such as stoves, radiators, and heaters. Locate your dehumidifier on an inside wall near an electrical outlet. The dehumidifier should be at least 4 inches (10cm) away from the wall for best results.
5. NEVER place dehumidifier in an area where it is accessible to children.
6. Never place anything over the grill when the unit is running.
7. NEVER drop or insert any object into any openings.
8. DO NOT operate any appliance with a damaged cord or plug, after the appliance malfunctions, or if it has been dropped or damaged in any manner. Return appliance to manufacturer for examination, electrical or mechanical adjustment, or repair.
9. Use appliance only for intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons. The use of attachments not recommended or sold by the manufacturer may cause hazards.
10. DO NOT use outdoors.
11. Always place dehumidifier on a firm, flat, level surface. A waterproof mat or pad is recommended for under the dehumidifier. NEVER place it on a surface that may become damaged by exposure to water and moisture (i.e. finished floor).
12. Dehumidifier should be unplugged when not in use.
13. NEVER tilt, move, or attempt to empty unit while it is operating. Shut off and unplug before cleaning or moving the dehumidifier. DO NOT attempt to remove the water tank within 15 minutes after the dehumidifier is turned off and unplugged. Serious injury may result. Be sure to unplug the appliance by pulling on the plug and not the cord.
14. NEVER use detergents, gasoline, glass cleaner, furniture polish, paint thinner, or other household solvents to clean any part of the dehumidifier.
15. DO NOT attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void your warranty. The inside of this dehumidifier contains no user serviceable parts. All servicing should be performed by qualified personnel only.
16. Never place housing under water flow or immerse in liquids.
17. Do not plug in the cord with wet hands: electric shock could result.
18. NEVER operate the dehumidifier without the water reservoir in place.
19. Use both hands when carrying the water reservoir.
20. This dehumidifier requires regular maintenance to operate appropriately. Refer to cleaning and maintenance procedures.
21. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person.
22. 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.

THIS PRODUCT IS EQUIPPED WITH A 3-PRONG PLUG



This product is for use on 120 volts. The cord has a plug (A) as shown. An adapter (C) (not included) is available for connecting three-blade grounding-type plugs to two-slot receptacles (B). The green grounding lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available.

FEATURES - OPERATIONS

23. **CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

HOW YOUR DEHUMIDIFIER WORKS

Your Bonaire® dehumidifier draws moisture laden air through the intake grills on the appliance. Humid air passes through refrigerated coils where the moisture is removed and collected in the water reservoir.

For optimum performance, it is not recommended to use this appliance in environments where the temperature exceeds 37 °C or is lower than 5 °C.

The unit should only be used indoors in such areas as a living room or bedroom. Never use it outdoors. Make sure doors and windows are closed before using the appliance.

PRE-OPERATING INSTRUCTIONS

1. Select a location for your dehumidifier, on a flat/level surface, about 4 inches (10cm) away from the wall.
2. Place unit on a stable and flat floor surface. If the floor surface is not even, there is a risk the unit might be unstable or topple over. Also, it may result in excessive vibration and noise.
3. Plug the power cord into a 120V AC electrical outlet.

OPERATING INSTRUCTIONS

Automatic Dehumidifying

1. Plug unit into an appropriate electrical outlet. The unit will beep 3 times. If open, the air oscillator will return to its closed position.

2. Press the on/off button to start the unit. The air oscillator will open to its maximum position and the unit will start the automatic dehumidification function.
3. The auto button enables you to select between automatic dehumidification and automatic whisper quiet dehumidification.
4. Press the auto button once to switch the unit between automatic dehumidification and whisper quiet dehumidification.
5. In automatic dehumidification mode, the unit will monitor the relative humidity of the environment and adjust its functionality accordingly, cycling on and off to maintain your desired comfort level.
6. In whisper quiet mode, the unit will operate as in the automatic dehumidification mode but at low speed. The quiet icon will be highlighted in the LCD display.
7. The default humidity level is set at 60% relative humidity (RH). Press the humidity control buttons up and down to adjust the humidity level as desired. Please refer to the humidity control instructions below for additional operating instructions.
8. To turn the unit off, press the On/Off button again. The air oscillator will close and the unit will stop working.

Continuous Dehumidifying

To set the unit to operate continuously, turn the unit on and then press the continuous operation button. The unit will operate in high speed, at 60% RH. When you activate this mode, the continuous icon will be shown in the LCD display.

NOTE: If you adjust the humidity control buttons during the continuous operation, the unit will resume the automatic dehumidification mode.

NOTE: If continuous drain function is not in use and the water reservoir is not manually emptied, the unit will automatically shut off when the water reservoir becomes full.

Using The Timer

Once the unit is powered on and an operating mode is selected, press the timer button continuously, choosing from 1 to 8 hours as desired. The timer icon will be highlighted on the LCD display and show the number of hours remaining until the unit shuts off.

FEATURES - OPERATIONS

Oscillating Function

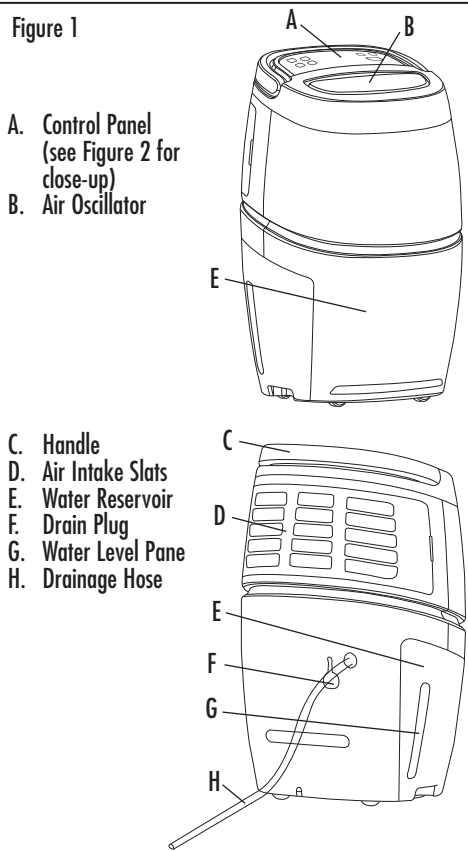
Press the oscillation button to set the air oscillator to oscillate automatically between 45 and 90 degrees. Press again to select a stationary position for the air oscillator at the desired angle between 45 and 90 degrees.

Humidity Control

When the unit starts, the humidity level of the environment will be shown on the LCD display.

- For automatic or whisper quiet modes, press the humidity control buttons to select the desired humidity level. The control allows you to adjust level in 5% intervals from 40% to 80%.

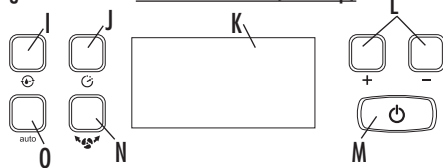
Figure 1



- If the unit humidity level sensor detects humidity levels in the environment that are lower than the selected humidity level, the compressor will shut off and the fan will work on low speed. The humidity level of the environment must be higher than the humidity level selected in order for the unit to start operating again.

Figure 2

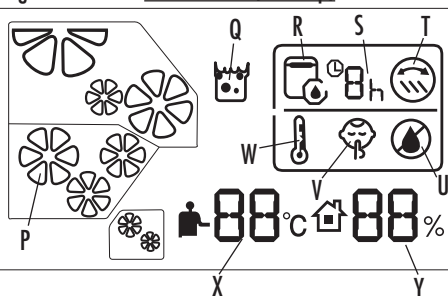
CONTROL PANEL (close-up)



- | | |
|--|-----------------------------|
| I. Continuous Operation Button | L. Humidity Control Buttons |
| J. Timer Button | M. On/Off Button |
| K. LCD Display (see Figure 3 for close-up) | N. Oscillation Button |
| O. Auto Button | |

Figure 3

LCD DISPLAY (close-up)



- | | |
|--------------------------------|-------------------------------|
| P. Speed | V. Whisper Quiet Automatic |
| Q. Water Reservoir Full | W. Automatic Dehumidification |
| R. Continuous Dehumidification | X. Ambient Temperature |
| S. Timer | Y. Ambient Humidity Level |
| T. Oscillation | |
| U. Automatic Defrost | |

FEATURES - OPERATIONS CLEANING / MAINTENANCE

Automatic Defrosting

If the room temperature drops down to 16 °C or lower, the unit's temperature sensor will set the compressor to dehumidify for 25 minutes and then shut off automatically. The fan will keep running for 7 minutes to defrost in a cycle.

NOTE: When the defrost icon is shown on the LCD display, the compressor will shut off and the fan will run at high speed.

Water Full Protection & Auto-Shutoff

When the water reservoir is full, the unit will sound an alarm beeping 10 times (for about 5 seconds). The water reservoir full icon will be displayed on the screen and the unit will shut off automatically. This indicates that it is time to empty the water reservoir before using the unit again. Once the empty water reservoir is placed back into the unit, it will take up to 3 minutes for the dehumidifier compressor to work again. This is a protection feature. If you wish to restart the unit without waiting, unplug it from the electrical outlet and plug it in again.

Water Drip Protection

When the water reservoir is removed for emptying, this device will keep the condensed water that continues to drip. Once the water reservoir is placed back in the unit, it will release this water into the reservoir.

Continuous Drainage

For added user convenience, this dehumidifier includes a hose that can be attached to it to operate with continuous drainage. To use it, simply remove the drain plug located in the back of the unit and connect the PVC hose that comes with the unit. Find a suitable location for the unit where the open end of the hose can drain the outgoing water into an appropriate receptacle or outside of your home, far enough away from the foundation to ensure proper drainage. The unit will now direct water from the bypass port and through the hose, rather than into the water reservoir.

NOTE: Please make sure to place the open end of the hose flat on the ground ensuring it is not entangled.

CAUTION: The drain hose must be below the drain plug in order for the unit to drain properly.

NOTE: To help prevent leakage, you should use a marker to denote the location where the hose meets the housing on the rear of the unit. Periodically check to make sure this indicator has not moved away from the housing to ensure that your hose will not leak. Leakage inside the unit will fall into the water reservoir. If this happens you can empty the water reservoir by following the instructions above in the "Emptying the Water Reservoir" section.

CLEANING AND MAINTAINANCE

1. Turn the unit off and unplug it from the electrical outlet.
2. Carefully remove water reservoir to empty it. Rinse the reservoir with warm water.
3. Use a soft clean cloth to wipe the unit. Do not use gasoline, paint thinner or other cleaning products to clean the unit.
4. To clean the mesh filter, carefully remove the filter and clean it with a vacuum cleaner or rinse with cool water. Place it in a well-ventilated location and allow to dry before replacing filter into unit.

NOTE: Do not expose unit to direct sunlight.

TROUBLESHOOTING

TROUBLESHOOTING		
Trouble	Probable Cause	Solution
<ul style="list-style-type: none"> Dehumidifier shuts off automatically. 	<ul style="list-style-type: none"> ☛ Reservoir is full. ☛ The compressor starts to malfunction during the operation. 	<ul style="list-style-type: none"> ✓ Follow Water Full Protection & Auto-Shutoff instructions in this manual. ✓ Wait for 3 minutes and then restart the unit again. If you wish to restart the unit without waiting for 3 minutes, unplug it from the electrical outlet and plug it again.
<ul style="list-style-type: none"> Signal with 3 long beep sounds followed by 2 short ones, and then the dehumidifier automatically shuts off. 	<ul style="list-style-type: none"> ☛ The unit's sensor detects the room temperature is below 0 °C or above 40 °C. 	<ul style="list-style-type: none"> ✓ Wait until room temperature is within safe operating temperature (0-40 °C). ✓ Relocate your dehumidifier to another room and operate normally. To restart the unit it will be necessary to unplug it from the electrical outlet and plug it back in.
<ul style="list-style-type: none"> EO Code on Display. 	<ul style="list-style-type: none"> ☛ The sensor malfunctions. 	<ul style="list-style-type: none"> ✓ Restart the unit after troubleshooting.
<ul style="list-style-type: none"> Appliance cycles on/off. 	<ul style="list-style-type: none"> ☛ This is normal operation when using the automatic dehumidification setting. The humidistat within the appliance adjusts to maintain your desired comfort level. To run continuously, select the continuous mode (see operating instructions). 	<ul style="list-style-type: none"> ✓ This is normal operation.
<ul style="list-style-type: none"> Warm air coming from outlet grill. 	<ul style="list-style-type: none"> ☛ Heat exchange while the compressor is on. 	<ul style="list-style-type: none"> ✓ This is normal operation.

WARRANTY INFORMATION

2 YEAR LIMITED WARRANTY

Sunbeam Products, Inc. doing business as Jarden Consumer Solutions or if in Canada, Sunbeam Corporation (Canada) Limited doing business as Jarden Consumer Solutions (collectively "JCS") warrants that for a period of two years from the date of purchase, this product will be free from defects in material and workmanship. JCS, at its option, will repair or replace this product or any component of the product found to be defective during the warranty period.

Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This is your exclusive warranty. Do NOT attempt to repair or adjust any electrical or mechanical functions on this product. Doing so will void this warranty.

This warranty is valid for the original retail purchaser from the date of initial retail purchase and is not transferable. Keep the original sales receipt. Proof of purchase is required to obtain warranty performance. JCS dealers, service centers, or retail stores selling JCS products do not have the right to alter, modify or any way change the terms and conditions of this warranty.

This warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use on improper voltage or current, use contrary to the operating instructions, disassembly, repair or alteration by anyone other than JCS or an authorized JCS service center. Further, the warranty does not cover: Acts of God, such as fire, flood, hurricanes and tornadoes.

What are the limits on JCS's Liability?

JCS shall not be liable for any incidental or consequential damages caused by the breach of any express, implied or statutory warranty or condition.

Except to the extent prohibited by applicable law, any implied warranty or condition of merchantability or fitness for a particular purpose is limited in duration to the duration of the above warranty.

JCS disclaims all other warranties, conditions or representations, express, implied, statutory or otherwise.

JCS shall not be liable for any damages of any kind resulting from the purchase, use or misuse of, or inability to use the product including incidental, special, consequential or similar damages or loss of profits, or for any breach of contract, fundamental or otherwise, or for any claim brought against purchaser by any other party.

Some provinces, states or jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights that vary from province to province, state to state or jurisdiction to jurisdiction.

How to Obtain Warranty Service

In the U.S.A.

If you have any questions regarding this warranty or would like to obtain warranty service, please call 1-800-253-2764 and a convenient service center address will be provided to you.

In Canada

If you have any questions regarding this warranty or would like to obtain warranty service, please call 1-800-253-2764 and a convenient service center address will be provided to you.

In the U.S.A., this warranty is offered by Sunbeam Products, Inc. doing business as Jarden Consumer Solutions located in Boca Raton, Florida 33431. In Canada, this warranty is offered by Sunbeam Corporation (Canada) Limited doing business as Jarden Consumer Solutions, located at 20 B Hereford Street, Brampton, Ontario L6Y 0M1. If you have any other problem or claim in connection with this product, please write our Consumer Service Department. **PLEASE DO NOT RETURN THIS PRODUCT TO ANY OF THESE ADDRESSES OR TO THE PLACE OF PURCHASE.**

STORAGE INSTRUCTIONS

STORAGE INSTRUCTIONS

If you will not be using your dehumidifier for an extended period of time, please follow these instructions to properly store it:

1. Turn the dehumidifier off and unplug it from the electrical outlet.
2. Clean and dry the dehumidifier thoroughly as per the cleaning instructions above.
3. Make sure all parts are dry before storing. Do not store the appliance with any water in the reservoir.
4. Store upright in a cool, dry location.

If you have any questions regarding your product or would like to learn more about other Bonaire® products, please contact our Consumer Service Department at 1-800-253-2764 or visit our website at www.bonaire.com.