

Danby DDR50A2GP Portable Dehumidifier User Guide

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Danby DDR50A2GP Portable Dehumidifier



Product Information

Description

- [Product Name] is a versatile and innovative product designed to
- [product's purpose]. With its [unique features], it offers
- [benefits of using the product]. Whether you are a professional or a beginner, [Product Name] is designed to meet your needs and enhance your experience.

Product Usage Instructions

- **Step 1: Unboxing**
Remove the packaging materials and carefully unpack the product. Ensure all included accessories are present.
- **Step 2: Assembly**
Follow the provided assembly instructions to put together the different components of the product. Make sure to tighten all screws and connections securely.
- **Step 3: Powering On**
Connect the power cord to the designated power source and plug it in. Press the power button to turn on the product.
- **Step 4: Initial Setup**
Follow the on-screen prompts or refer to the user manual for the initial setup process. This may include language selection, connecting to a network, or setting up user preferences.
- **Step 5: Basic Operation**
To use [Product Name], [provide basic operation instructions].

- **Step 6: Advanced Features**

Once you are familiar with the basic operation, explore the advanced features of [Product Name] to enhance your experience. Refer to the user manual for detailed instructions on utilizing these features.

- **Step 7: Maintenance and Care**

To ensure optimal performance and longevity of the product, follow these maintenance and care guidelines:

- [Maintenance Guideline 1]
- [Maintenance Guideline 2]
- [Maintenance Guideline 3]

CAUTION:

Read and follow all safety rules and operating instructions before first use of this product.

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE: If the Dehumidifier changes ownership, be sure this manual accompanies the unit.

Danby Products Limited, Guelph, Ontario, Canada N1H 6T9
Danby Products Inc. Findlay, Ohio, U.S.A. 45840

WELCOME

- Thank you for choosing a Danby appliance to provide you and your family with all of the “Home Comfort” requirements of your homes as are a price arises. Since you may have, your Danby appliance will give you many years of trouble free operation. Please take a few moments to read the instructions thoroughly and familiarize yourself with all of the operational aspects of this appliance.
- This unit can be conveniently moved from room to room within your home and set up in just minutes.
- For easy reference, may we suggest you attach a copy of your sales slip/receipt to this page, along with the following information, located on the rear wall of the water tank compartment.

Model Number: _____

Serial Number: _____

Date of Purchase: _____

- This information will be necessary if your unit requires servicing and/or for general inquiries.
- To contact a Customer Service Representative, call Danby TOLL FREE:
 - 1-800-263- Danby
 - (1-800-263-2629)

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.

CAUTION: Do not leave this unit unattended or operate in an area where people or animals may not be able to react quickly. A failed unit may cause over-heating, resulting in personal injury or property damage.

IMPORTANT SAFETY INFORMATION

NOTE

The WARNING instructions issued in this manual are not meant to cover all possible conditions and situations that

may occur. It must be understood that common sense, caution, and carefulness are factors that cannot be built into all appliances. These factors must be supplied by the person(s) installing, maintaining, or operating the appliance. Failure to install, maintain, and/or operate the equipment according to the manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage. Contact your dealer, service agent, or the manufacturer about any problems or conditions you do not fully understand. For Danby Customer Service call 1-800-26-Danby® (1-800-263-2629)

ELECTRICAL REQUIREMENTS

- To be connected with the applicable local or National Electrical code grounding
- Let the customer at pose is to have the wiring and fuses checked by a qualified electrician to make effectively grounded receptacle rated 110/120 V.A.C.
- **FOR YOUR SAFETY:** To reduce the risk of fire or explosion, do not store or use gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.

GROUNDING INSTRUCTIONS

Improper connection of the equipment-grounding conductor can result in a risk of electrical shock. Check with a qualified electrician or serviceman if you are in doubt as to whether your appliance outlets are properly grounded. of electrical shock by providing a path of least resistance for electrical current. This appliance is equipped with a cord having an equipment-grounding conductor and 3 prong grounding plug. The plug must be connected into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.

- Do not modify the plug provided with this appliance. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.
- If the household electrical supply does not meet the above specifications, or if you are not sure your home has an effective ground, have a qualified electrician or your local electrical utility company check it and

INSTALLATION INSTRUCTIONS

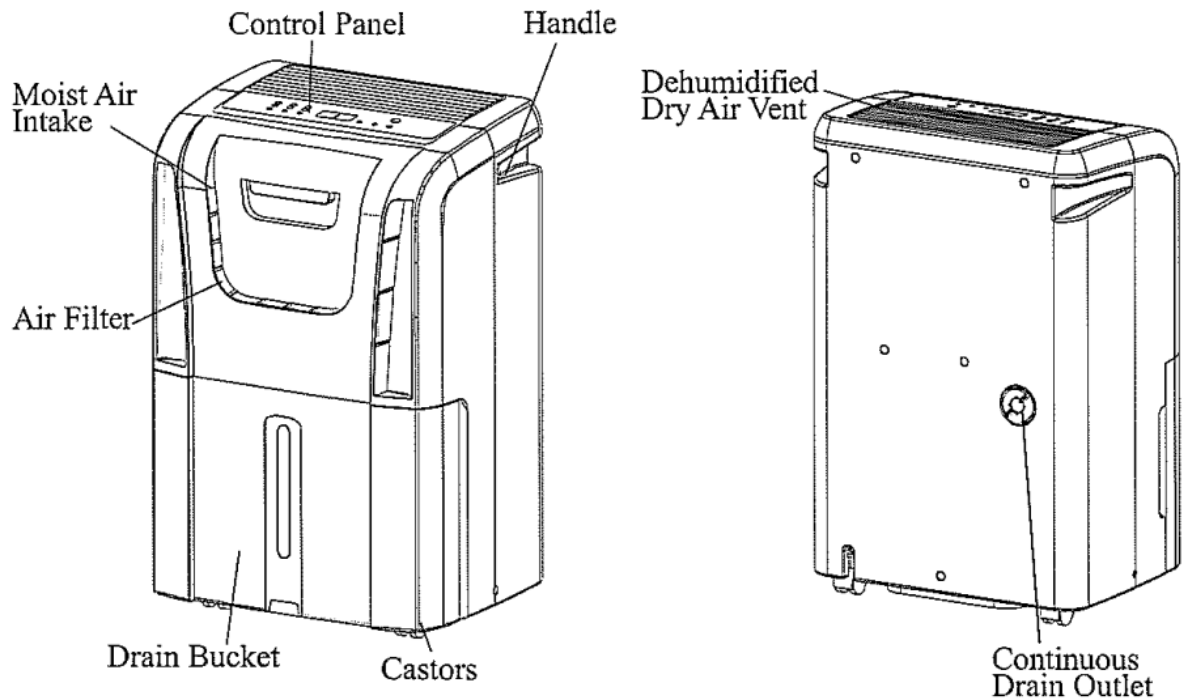
LOCATION

- Select a suitable location, making sure you have easy access to an electrical outlet (avoid the use of extension cords). If it is absolutely necessary to use an extension cord, use an approved "air conditioner" heavy duty extension cord ONLY (available at most local hardware stores).
- Make sure there are no obstructions restricting airflow through the front air intake grill. Maintain a minimum clearance at least 10 cm. Do not place anything in front of the unit. The recommended (room ambient) operating temperatures should be between 6°C (42.8°F) – 35°C (95°F).
- It is important to remember the efficiency of a dehumidifier will be affected/influenced by the rate at which new humid air (moisture) is allowed to infiltrate the same space/area. To maintain efficiency, the dehumidifier must be operated in an enclosed area. Keep all doors and windows closed.

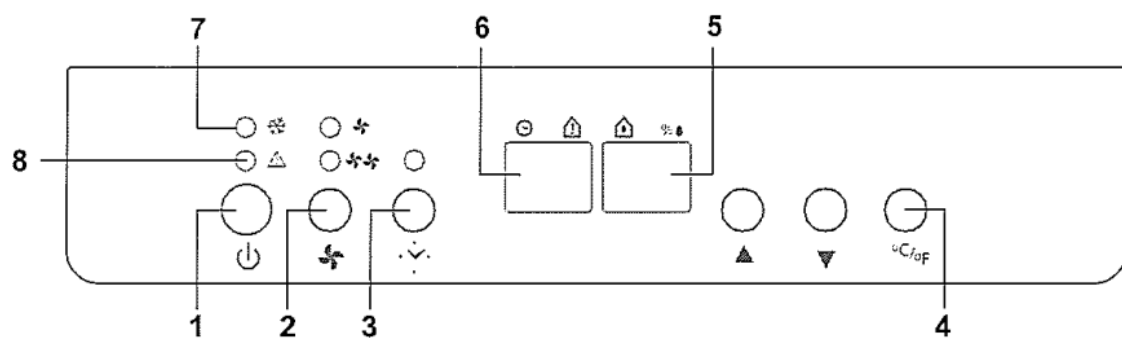
FEATURES

- Soft touch (Electronic) Control Key Pads
- Auto-Sensing Humidity Control
- Adjustable Humidity Settings (30% – 90%)
- 2 Fan Speed Settings (High / Low)

- Delay Start Protection (Compressor)
- Auto-Defrost (De-Icer)
- Full Bucket Indicator Light
- Easy Roll Castors (4)
- Front Mounted Water Tank (Removable)
- Direct Drain Option
- Quiet Operation
- Removable Air Filter



OPERATING INSTRUCTIONS



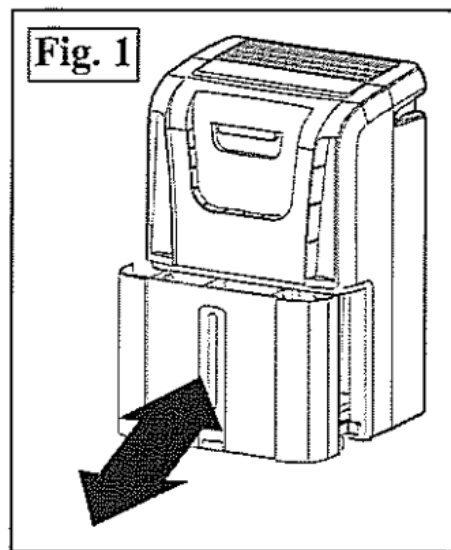
1. **POWER Button:** On / Off
2. **FAN SPEED Button:** High / Low
3. **TIMER Button:** When unit is operating, press TIMER to set number of hours desired until unit will shut off. When is in stand-by, press TIMER to set number of hours desired until will turn on.
4. **°C/°F Button:** Press the °C/°F button to toggle between Celsius and Fahrenheit.
5. **SET HUMIDITY/CURRENT HUMIDITY DISPLAY:** When machine is running, it displays the current humidity. Press UP of DOWN buttons to select humidity setting. The humidity is adjusted in increments of 5% by each press. Adjustable range is within 30% RH to 90% RH. 10 seconds after setting humidity, the display will change back to the current humidity.
6. **CURRENT TEMP/ TIMER SET DISPLAY:** When machine is running, it displays the current temperature. Press

the TIMER button to set the machine to shut off automatically after specified amount of time. 10 seconds after displaying the timer, the display will change back to current temperature

7. **DEFROST LIGHT:** When temperature is low, unit enters defrost mode and defrost light illuminates..
8. **BUCKET FULL LIGHT:** When water tank is full, bucket full light illuminates.

START OPERATION

1. Place the product in an upright position surface, Make sure there is nothing flammable or heat sensitive within 100cm (39 inches). Operating the product in any other position could cause a hazard.
2. Insert the plug into a suitable wall socket. The dehumidifier is suitable for operating on an electricity supply having the same voltage as that shown on its rating label.
3. Make sure the water tank is correctly Located the Astray, ichie Bucket machine light illuminates, pull out the water tank and check that the “float” lever is able to move freely, then return the water tank to the correct position (Fig. 1).



WATER FULL INDICATOR LIGHT (RED)

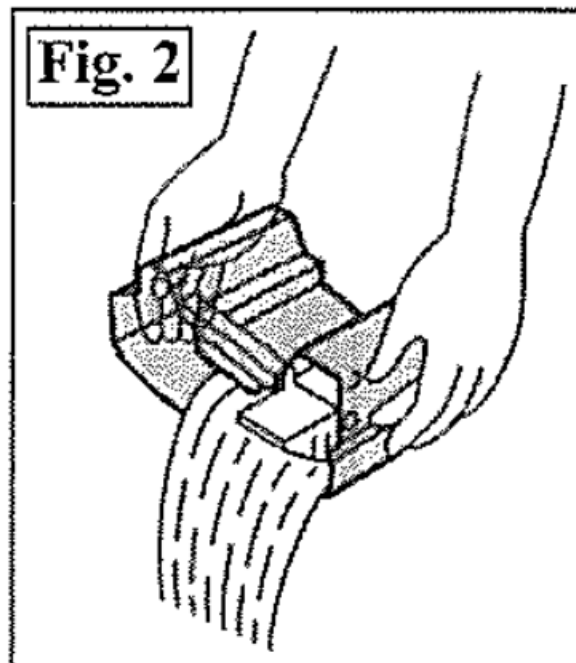
- When the water tank is full and/or incorrectly positioned inside the cabinet, the water full red light turns on and remains on until such time that the tank is emptied and/or correctly re-positioned.
- This condition will result in the immediate shut down of the dehumidifying system (both compressor and fan motor operation, the are terminated will resume operation a matic ile, water tank is emptied and/or correctly

NOTE: It may take several minutes before operating conditions resume.

BUCKET FULL LIGHT

When the water tank is full the machine will stop and the” Bucket Full” light will illuminate. time the terror should a fly remove fro. the a chine ding replaward properly in the machine, the unit will start up and run normally (Fig. 2).

NOTE: Please use both hands to carefully empty the water tank.



MEMORY SETTING

Each time the unit is disconnected/reconnected and/or in the event of a power failure, the electronic circuitboard automatically defaults to the last program setting that was set by the user.

WATER TANK OPERATION

- Proper installation of the water tank is crucial in maintaining reliable dehumidifier operation. The water tank holds accumulated condensed water and, by means of a safety switch, controls both the water level and operation of the dehumidification process.
- When the water can is late at night dips into the tank the float switch (inside compressor and fan motor system, preventing moisture from being condensed.

NOTE: Never tamper with or attempt to defeat the water level (safety) float switch system.

DEFROST

When the machine is operated at low temperatures (less than 18°C(64.4°F)), the surface of the evaporator may accumulate a layer of frost which would reduce the efficiency of the machine. When this happens the machine will go into periodic defrost mode. The machine will operate in temperatures down to 5°C(41°F). The time taken to defrost may vary. If the machine freezes up, it should be turned off at the power supply and re-started. If the room temperature remains below 5°C (41°F) the machine should be switched off.

DEHUMIDIFYING

Dehumidifying is a means of removing moisture from the air. A dehumidifier will help to protect your home and valued possessions from damage (swelling) caused by moisture in the air. Essentially a dehumidifier removes moisture from the air as the moist air passes over a dehumidifying (evaporator) coil and is condensed on the removable water tank located at the front of the unit. The exhausted air being returned into the room environment is elevated several degrees, causing the surrounding air temperature to increase (slightly). This process also contributes to lowering the relative humidity of the surrounding air.

DEHUMIDIFYING MODE SELECTION:

1. To turn the unit on, press the ON / OFF button.
2. Press the humidity buttons to select a desired RH operating value (30%-90%).

FAN SPEED SELECTION:

Select a fan speed on (lunated, he gator gh ocate directly above the selection made.

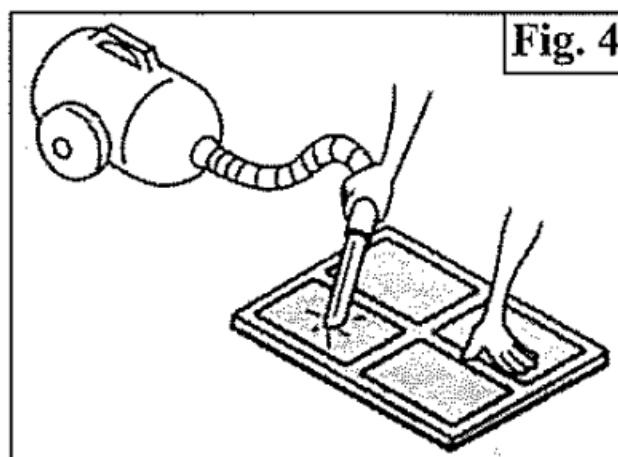
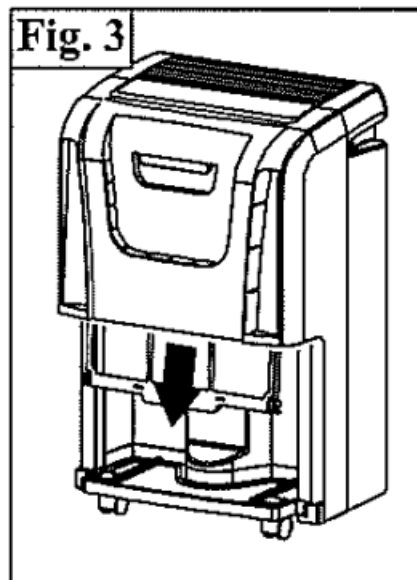
AIR FILTER

Your dehumidifier features a removable Air Filter. This filter is located at the front of the unit (behind the air intake grill) directly above the water tank compartment. The air filter plays an important role in helping to reduce (minimize) dust/dirt particles from the surrounding environment. A blocked / clogged air filter reduces air intake, impacting negatively on operating efficiency. To maintain maximum operating efficiency, the filter must be checked and cleaned regularly (every 2 weeks). More frequent cleaning may be required depending upon indoor air quality.

IMPORTANT: Never operate the unit without the air filter in place.

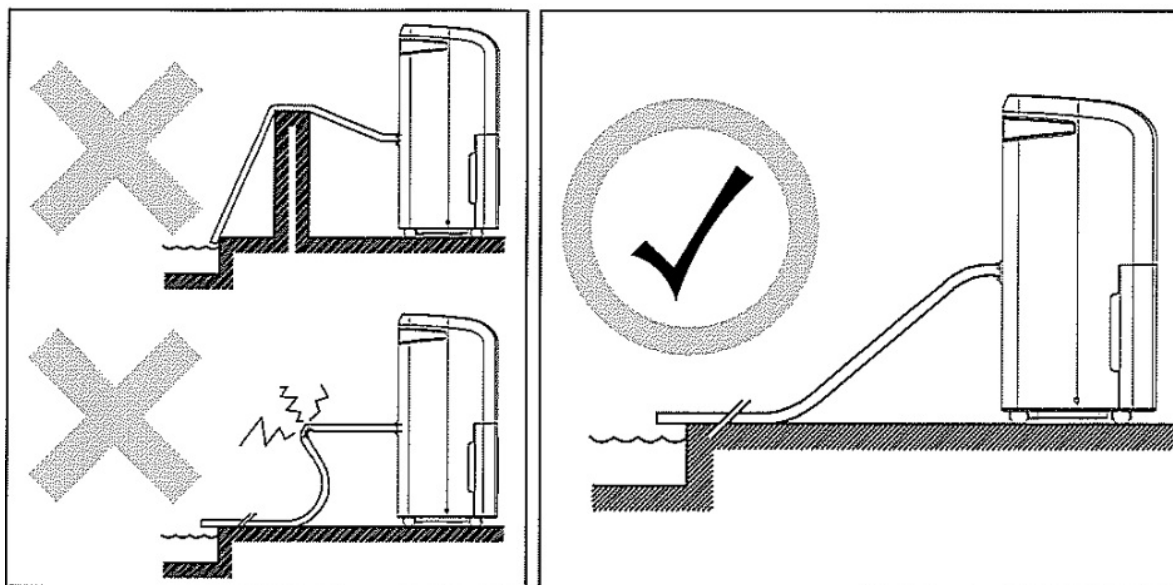
AIR FILTER CLEANING STEPS:

1. Pull the air filter out gently (Fig. 3).
2. Clean the filter with a vacuum cleaner, or wash it with clean water and dry with a dry cloth.
3. Put the clean air filter back in place and continue to operate the dehumidifier.



INSTALLING PVC DRAIN HOSE

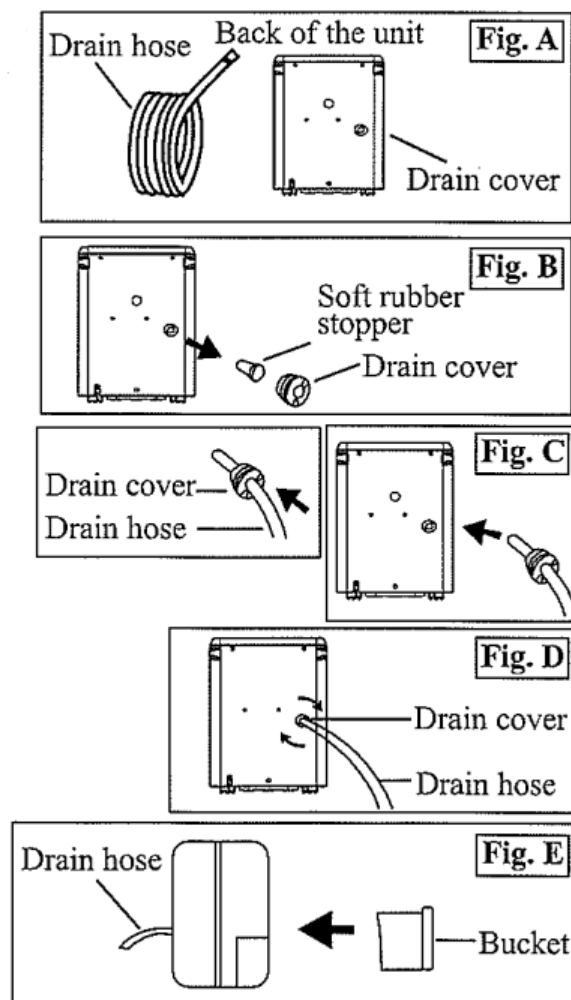
When using the continuous drain function, the PVC hose must be placed horizontally below the drainage hole. Avoid uneven ground and folding the hose. NOTE: Should you damage or misplace the pvc drain hose, a standard garden hose can be used.



CONTINUOUS DRAIN

The function of continuous drain can be performed using the following steps:

1. To save having to periodically empty the water tank, this unit can be configured for continuous drain. You can use the supplied drain hose to connect to the continuous drain connector.
2. Unscrew and remove the drain cover at the rear of the unit (Fig. B).
3. Remove the soft rubber stopper, and place it in the water tank for safe keeping (Fig. B).
4. Insert the drain hose through the hole of the drain cover (Fig. C).
5. Ensure the rubber seal ring is properly seated in the end of the hose as shown in Fig. C.
6. Connect the drain hose to the drain port (Fig. D).
7. Tighten the drain cover in clockwise direction onto the rear of the unit (Fig. D).
8. Place the bucket in its original location (Fig. E).



CAUTION

1. DO NOT pull on the power cord to avoid breakage, potential danger or injury.
2. DO NOT use insect/oil/paint spray around the machine; these products might cause damage to plastic parts or start a fire.
3. DO NOT place the unit on uneven ground to avoid shaking, noise, and water leakage.
4. Always keep the unit 20cm or more from the wall to dissipate heat properly.
5. DO NOT drop anything into the machine.
6. Close all windows to allow for the maximum possible efficiency or removal of moisture.
7. Keep the machine away from any type of heat source.
8. When moving or putting in storage, do not place the dehumidifier on its side, or upside down, to avoid shaking.

CARE AND MAINTENANCE

CLEANING

CAUTION: Before attempting to clean and/or service this unit, always disconnect the power supply cord from the electrical supply outlet.

1. DO NOT use gasoline, benzene, paint thinner, or any other chemicals to clean this unit, as these substances will damage or deform both plastic components and luster finish.
2. Never attempt to clean the unit by pouring water directly over any of the surface areas, as this will cause deterioration of electrical components and wiring insulation.

3. Use only a mild dish washing detergent, lukewarm water, and a soft cloth to wipe the exterior surface of the unit and dry thoroughly.

STORAGE

When the dehumidifier is not being used for long time periods, please follow these instructions:

1. Disconnect the power cord from the power supply.
2. Empty the water tank and wipe (clean) thoroughly.
3. Clean air filter thoroughly.
4. Re-package the unit in the original carton.
5. Store the unit upright in a dry location.

TROUBLESHOOTING

Occasionally, you may encounter some problems that are of a minor nature and a service call may not be necessary. Use this troubleshooting guide to identify possible problems you may be experiencing. If the unit continues to operate improperly, call your local Danby Service Depot or 1-800-26-Danby (1-800-263-2629).

• Unit will not operate

- Check power cord connection.
- Check electrical outlet for blown fuse.
- Check if water tank is full (if yes, empty).
- Check water tank is properly installed.

• Dehumidifying capacity (moisture removal) low.

- Air filter is dirty and/or blocked.
- Ambient (room) temperature too low (below 5°C/41°F).
- Poor air flow circulation/obstruction of front grill.
- Relative humidity in surrounding environment very low.

• Relative humidity setting not reached after long period of operation.

- Check all doors and windows are closed.
- Area/room is too large for the capacity of the dehumidifier.

LIMITED APPLIANCE WARRANTY

This quality product is warranted to be free from manufacture/s defects in material and workmanship, provided that the unit is used under the normal operating conditions intended by the manufacturer.

This warranty is available only to the person to whom the unit was originally sold by Danby Products Limited (Canada) or Danby Products Inc. (U.S.A.) (hereafter "Danby") or by an authorized distributor of Danby, and is non-transferable.

TERMS OF WARRANTY

Plastic parts, are warranted for thirty (30) days only from purchase date, with no extensions provided.

- **First 24 Months** During the first twenty four (24) months, any functional parts of this product found to be defective, will be repaired or replaced, at warrantor's option, at no charge to the ORIGINAL purchaser.
- **To obtain Service**
 - It will be the consumer's responsibility to transport the appliance (at their own expense) to the original

retailer (point of purchase) or a service depot for repair. Contact your dealer from whom your unit was purchased, or contact your nearest authorized Danby service depot, where service must be performed by a qualified service technician.

- If service is performed on the unit by anyone other than an authorized service depot, or the unit is used for commercial application, all obligations of Danby under this warranty shall be void.

Nothing within this warranty shall imply that Danby will be responsible or liable for any spoilage or damage to food or other contents of this appliance, whether due to any defect of the appliance, or its use, whether proper or improper.

EXCLUSIONS

Save as herein provided, Danby, there are no other warranties, conditions, representations or guarantees, express or implied, made or intended by Danby or its authorized distributors and all other warranties, conditions, representations or guarantees, including any warranties, conditions, representations or guarantees under any Sale of Goods Act or like legislation or statute is hereby expressly excluded. Save as herein provided, Danby shall not be responsible for any damages to persons or property, including the unit itself, howsoever caused or any consequential damages arising from the malfunction of the unit and by the purchase of the unit, the purchaser does hereby agree to indemnify and hold harmless Danby from any claim for damages to persons or property caused by the unit.

GENERAL PROVISIONS

No warranty or insurance herein contained or set out shall apply when damage or repair is caused by any of the following:

1. Power failure.
2. Damage in transit or when moving the appliance.
3. Improper power supply such as low voltage, defective house wiring or inadequate fuses.
4. Accident, alteration, abuse or misuse of the appliance such as inadequate air circulation in the room or abnormal operating conditions (extremely high or low room temperature).
5. Use for commercial or industrial purposes (ie. If the appliance is not installed in a domestic residence).
6. Fire, water damage, theft, war, riot, hostility, acts of God such as hurricanes, floods etc.
7. Service calls resulting in customer education.
8. Improper Installation (ie. Building-in of a free standing appliance or using an appliance outdoors that is not approved for outdoor application).

Proof of purchase date will be required for warranty claims; so, please retain bill of sale. In the event warranty service is required, present this document to our AUTHORIZED SERVICE DEPOT.

ABOUT COMPANY

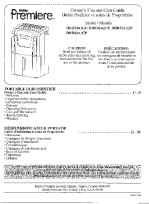
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• Danby Products Inc.

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Documents / Resources

	<p>Danby DDR50A2GP Portable Dehumidifier [pdf] User Guide DDR50A2GP Portable Dehumidifier, DDR50A2GP, Portable Dehumidifier, Dehumidifier</p>
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References

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