

DIPLOMAT™

USE AND CARE MANUAL MANUEL D'UTILISATION

Model • Modèle

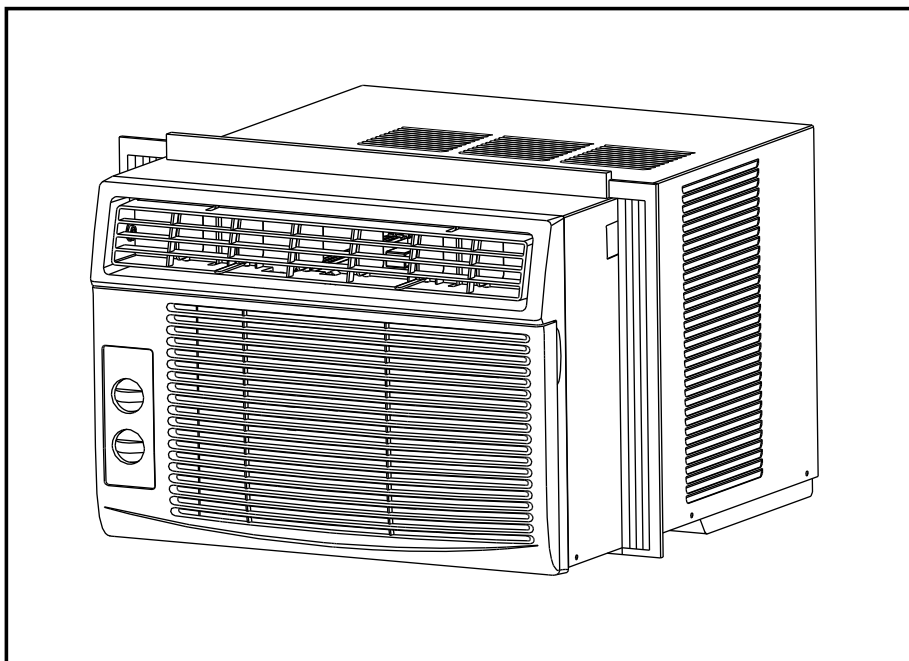
DAC7037M

CAUTION:

Read and Follow All Safety Rules
and Operating Instructions Before
First Use of This Product.

PRÉCAUTION:

Veuillez lire attentivement
les consignes de sécurité et les
instructions d'utilisation avant
l'utilisation initiale de
ce produit.



DIPLOMAT™

Room Air Conditioner

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DIPLOMAT™

Climatiseur de pièce

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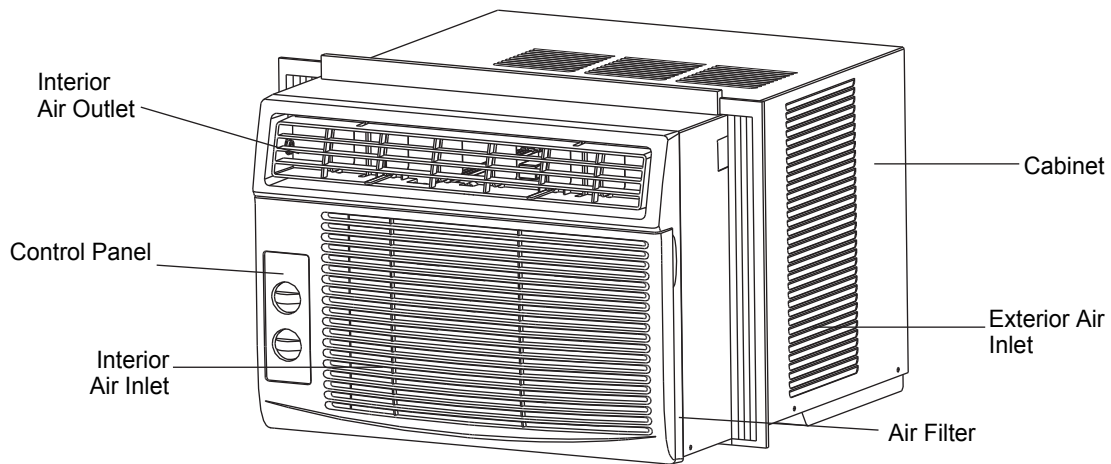


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Parts Identification Model DAC7037M



Specifications		
Voltage		115V/60Hz
Cooling Capacity (Btu/h)		7,000
Input Wattage		820w
Energy Efficiency Rating (EER)		9.8
Fan/Cooling Speeds		3/3
Cooling Area Coverage		200Sq.ft.(18.6m ²)
Noise Level (dB)		61
Unit Dimensions		
	Width	18-8/16"(470mm)
	Depth	16-5/16"(415mm)
	Height	12-10/16"(320mm)
Window Kit Dimensions		
	Maximum Width	34-8/16"(876mm)
	Minimum Width	21-8/16"(546mm)
	Minimum Height	13-6/16"(340mm)
Unit Weight		52.8 lbs(24kg)

NOTE: Specifications are subject to change without notice for further improvement.

Introduction

Thank you for choosing a Diplomat Room Air Conditioner to cool your home. This Use and Care Manual provides information necessary for the proper care and maintenance of your new Room Air Conditioner. If properly maintained, your air conditioner will give you many years of trouble free operation. To avoid installation difficulties, read these instructions completely before installing/operating your unit.

NOTE: This unit is NOT designed for through-the-wall installation.

For easy reference, you may want to attach a copy of your sales receipt to this page. Note following information provided (on the manufacturer's nameplate located on the right side of the unit). This information will be needed when you contact a Customer Service Representative.

Model Number: DAC7037M

Serial Number: _____

Date of Purchase: _____

Dealer's Name and Address: _____

Refer to the trouble shooting section of this Use and Care Manual if the unit is not operating correctly. If these suggestions do not solve the problem, contact an authorized service representative or call Danby TOLL FREE: 1-800-26-**Danby**®

Keep these instructions for future reference.
This symbol denotes a caution or warning



CAUTION




Do not leave a room air conditioner unattended in a space where people or animals who cannot react to a failed unit are located. A failed unit can cause extreme overheating and fire in an enclosed, unattended space.

Electrical Specifications

1. All wiring must comply with local and national electrical codes and must be installed by a qualified electrician. If you have any questions regarding the following instructions, contact a qualified electrician.
2. Check available power supply and resolve any wiring problems BEFORE installing and operating this unit.
3. This 115V air conditioner uses 12.0 or less nameplate amps and may be used in any properly wired, general purpose household receptacle. See Table 1 for specifications for individual branch circuit.
4. For your safety and protection, this unit is grounded through the power cord plug when plugged into a matching wall outlet. If you are not sure whether your wall outlet is properly grounded, please consult a qualified electrician.
5. The wall outlet (3-pin) must match the plug (3-pin) on the service cord supplied with the unit. DO NOT use plug adapters. See Table 2 for receptacle and fuse information. If it is necessary to use an extension cord to connect your air conditioner, use an approved "air conditioner" extension cord only. (available at most local hardware stores)
6. The rating plate on the unit contains electrical and other technical data. The rating plate is located on the right side of the unit, above the power cord.

Table 1: Suggested Individual Branch Circuit	
Nameplate Amps	AWG Wire Size*
5.0 to 12	14
AWG- American Wire Gage * Based on copper wire at 60 °C temperature rating.	

Table 2: Receptacle and Fuse Types	
Rated Volts	125
Amp	15
Wall Outlet	
Fuse Size	15
Time Delay Fuse (or circuit breaker)	Plug Type

⚠ Important Safety Instructions ⚠

The power cord supplied with this air conditioner contains a current leakage detection device designed to reduce the risk of fire. Please refer to the section " Power Supply Cord" for details. In the event the power supply cord is damaged, it cannot be repaired it must be replaced with a new cord from the Product Manufacturer.

- Under no circumstances should this device be used to turn the air conditioner on or off.
- The 'RESET' button must always be pushed in (engaged) for correct operation.
- The power supply cord must be replaced if it fails to reset when the 'TEST' button is pushed in.
- If the power supply cord is damaged, it cannot be repaired. It must be replaced with a new cord obtained from the Product Manufacturer.

Power Supply Cord

The power cord supplied with this air conditioner contains a device that senses damage to the power cord. To test if your power supply cord is working properly, you must do the following;

1. Connect the power supply cord to an electrical outlet.
2. The power supply cord is inclusive of two buttons located on the head of the plug. One button is marked 'TEST', the other button is marked 'RESET'. Press the 'TEST' button, you will hear a click as the 'RESET' button pops out.
3. Press the 'RESET' button, you will hear a click as the button engages.
4. The power supply cord is now energized and supplying electricity to the air conditioner. (On some products this is also indicated by a light on the plug head).

Energy-Saving Tips

Your Room Air Conditioner is designed to be highly efficient in energy savings. Follow these recommendations for greater efficiency.

1. Select thermostat setting that suits your comfort needs and leave thermostat at that chosen setting.
2. The filter is very efficient in removing airborne particles. Keep air filter clean. Normally, filter should be cleaned every 2 weeks. More frequent cleaning may be necessary depending on indoor air quality.
3. Use drapes, curtains, or shades to keep direct sunlight from heating room, but **DO NOT** obstruct the air conditioner. Allow air to circulate around the unit without obstruction.

4. Start your air conditioner before outdoor air becomes hot and uncomfortable. This avoids an initial period of discomfort while unit is cooling off the room.
5. When outdoor temperatures are cool enough, use **HIGH** or **LOW FAN** only. This circulates indoor air, providing some cooling comfort, and utilizes less electricity than when operating on a cooling setting.

Installation Notes



Electric Shock Hazard

To avoid the possibility of personal injury, disconnect power to the unit before installing or servicing.

Tools Needed for Installation

Screw Drivers: Both Phillips and flat head
Power Drill: 1/8 inch(3mm) diameter drill bit
Pencil
Measuring Tape
Scissors
Carpenters Level



CAUTION

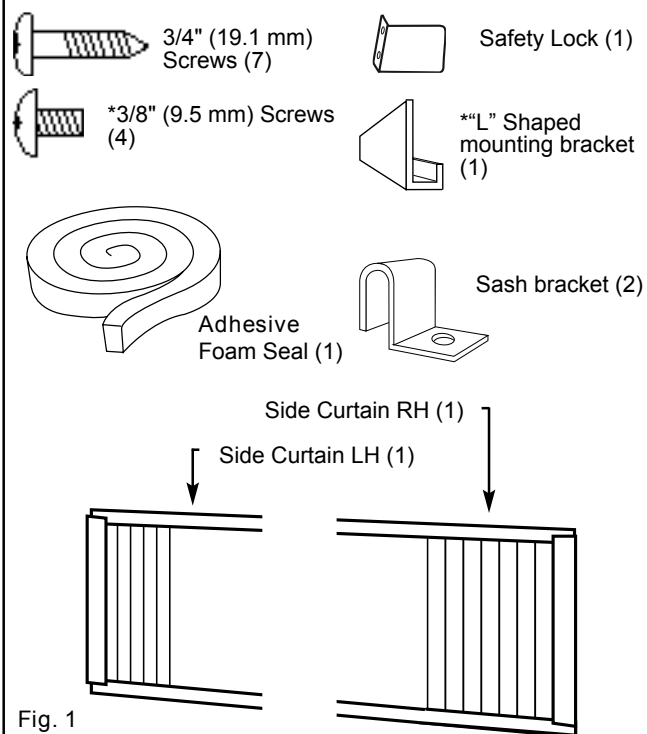


To avoid installation/operation difficulties, read these instructions thoroughly.

Your Room Air Conditioner is designed for easy installation in a single or double-hung window. This unit is **NOT** designed for vertical (slider type) windows and/or through-the-wall applications.

NOTE: Save the shipping carton and packing materials for future storage or transport of the unit. Remove from carton, the plastic bag containing the installation hardware kit necessary for the installation of your air conditioner. Please check the contents of hardware kit against the corresponding model check list, prior to installation of the unit. See *Fig. 1*

Installation Hardware





CAUTION



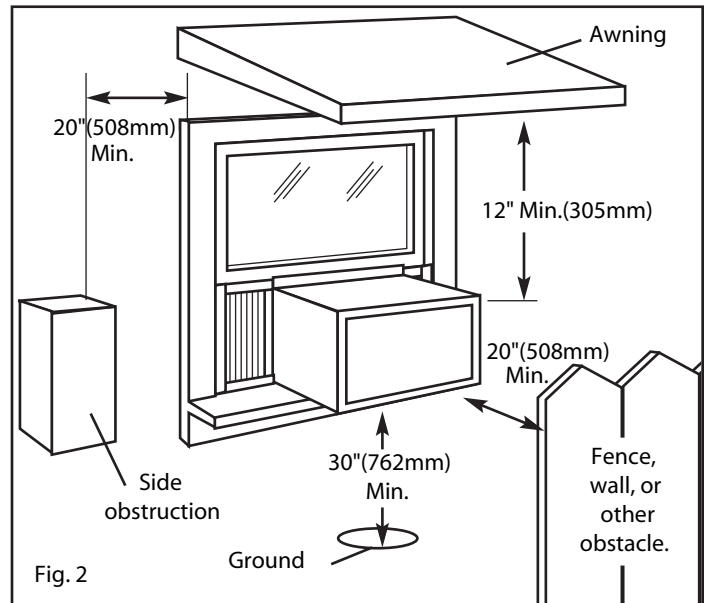
Because the compressor is located on the controls side of the unit (left side), this side will be heavier and more awkward to manipulate. Inadequate support on control side of the unit can result in personal injury and damage to your unit and property. Therefore, it is recommended to have someone assist you during the installation of this unit.

Your unit is designed to evaporate condensation under normal conditions. However, under extreme humidity conditions, excess condensation may cause basepan to overflow to the outside. The Unit should be installed where condensation run-off cannot drip on pedestrians or neighboring properties.

Installation

Select the Best Location

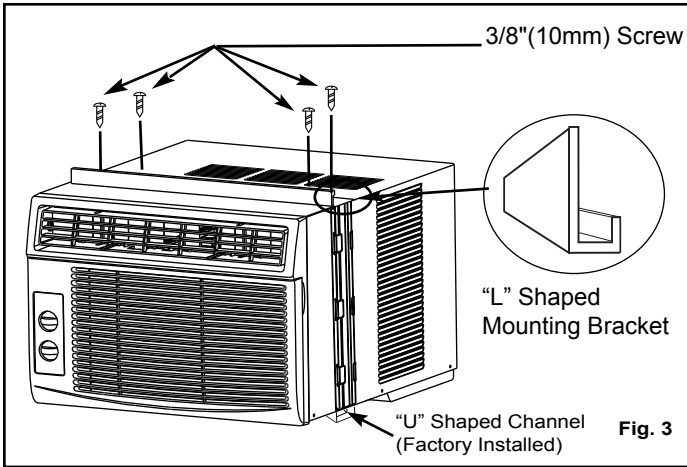
- A. This room air conditioner is designed to fit easily into a single or double hung window. However, since window designs vary, it may be necessary to make some modifications for safe, proper installation.
- B. Make sure window and frame are structurally sound and free from dry and rotted wood.
- C. For maximum efficiency, install the air conditioner on a side of a house or building which favors more shade than sunlight. If the unit is in direct sunlight, it is advisable to provide an awning over the unit.
- D. Provide sufficient clearance around the cabinet to allow for ample air circulation through the unit. See Fig. 2. The rear of the unit should be outdoors and not in a garage nor inside a building. Keep unit as far away as possible from obstacles/obstructions and at least 30" above the floor or ground. Curtains and other objects within a room should be prevented from blocking the air flow.
- E. Be certain the proper electrical outlet is within reach of the installation. Use only a single outlet circuit rated at 15 amps. All wiring should be in accordance with local and national electrical codes.
- F. **DO NOT USE "REGULAR" EXTENSION CORDS WITH THIS UNIT.** If it is necessary to use an extension cord to connect your air conditioner, use an approved "air conditioner" extension cord only. (available at most local hardware stores)
- G. **DO NOT** install unit where leakage of combustible gas is suspected. Your air conditioner may fail to operate in air containing oils (including machine oils), sulfide gas, near hot



springs, etc...

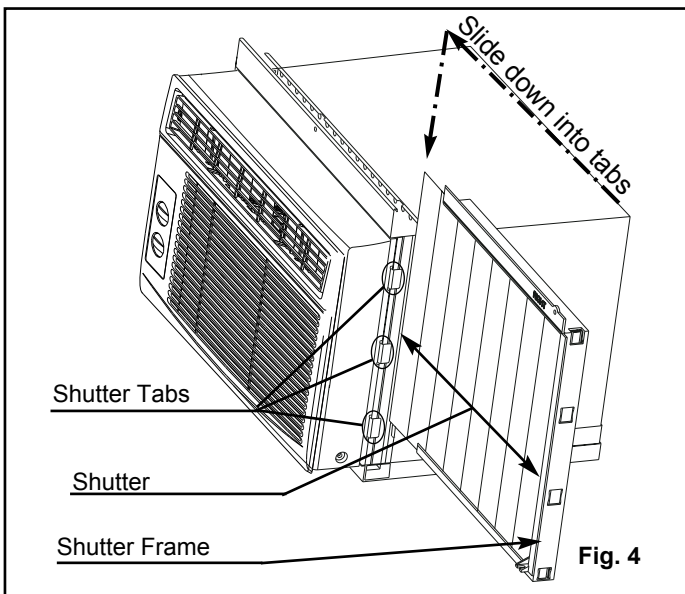
1. Assembly of the Upper Channel, to Cabinet.

- **"L" Shaped Top Channel:** Install the "L" shaped channel to the top of the cabinet as shown in Fig.3 using four(4)3/8"(10mm)screws.



2. Assembly of the Side Curtains to Cabinet.

- Extend the shutter from the shutter frame and slide it into the shutter tabs on the side channel of the air conditioner as shown in Fig. 4.
- Slide the shutters into the top ("L" Shaped) and bottom ("U" Shaped channels. The shutters are identified (on frame) as left & right.

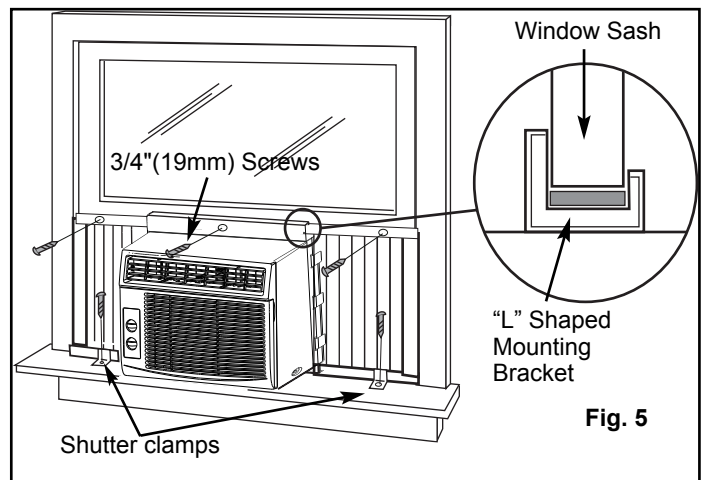


3. Completing the Installation

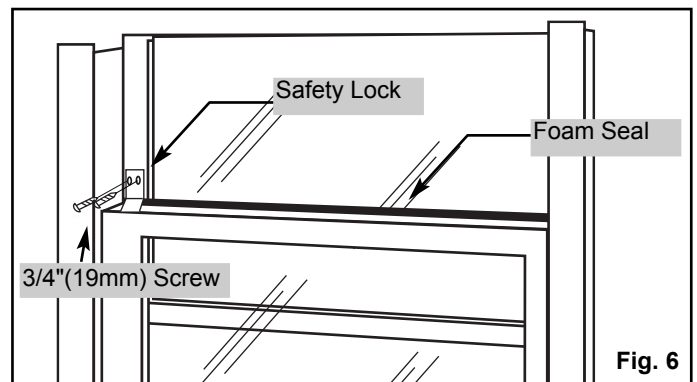
- Cut the **foam (non adhesive) sealing strip** to fit the area of the window sill that the air conditioner will rest on.

3a. Completing the Installation (cont'd)

- Carefully place the air conditioner into the window with the **"L" shaped mounting bracket** (on top) positioned in front of the upper window sash. The bottom of the cabinet should be positioned on the "recessed" portion of the window frame. Pull the window down until it rests just behind the front flange of the (top) **"L" shaped mounting bracket**. See Fig. 5.
- Expand the shutter frames (fully) on each side and secure the top of the frames to the window sash using one 3/4"(19mm)screw on each side and one in the "L" shaped mounting bracket. See Fig. 5
- Secure the shutter clamp on each side of the (lower) shutter and secure to window sill using one 3/4"(19mm)screw on each side. Fig.5



- Place the second **foam sealing strip** to fit the opening between the inside and outside windows then attach the safety lock to the outside window frame using one 3/4"(19mm) screw. See Fig. 6.



PLEASE NOTE: Window applications come in a variety of different styles. Therefore, it may be necessary to modify or improvise your particular installation.

Operating Instructions

SELECTOR SWITCH

The selector switch controls fan speed and/or cooling speed. To set desired cooling temperature, simply rotate the SELECTOR knob to the appropriate setting.

FAN SPEEDS

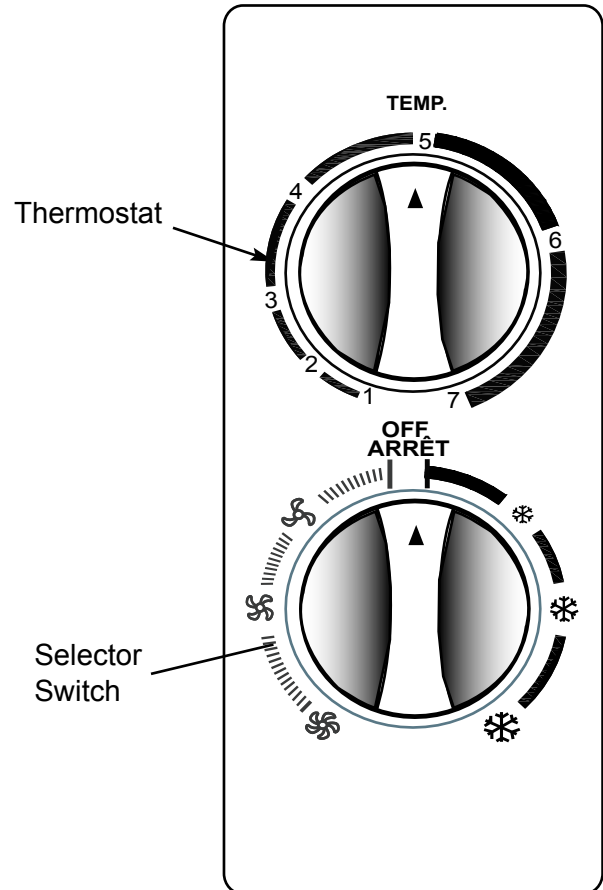
LOWFAN "🌀" will circulate air at minimum speed without cooling.

- MEDFAN "🌀" will circulate air at medium speed without cooling.
- HIGHFAN "🌀" will circulate air at maximum speed without cooling.

COOLING MODES

- LOW COOL "❄️" provides cooling with minimum air circulation. Recommended for night-time use.
- MED COOL "❄️" provides cooling with medium air circulation. Recommended for night-time use.
- HIGHCOOL "❄️" provides cooling with maximum air circulation. Recommended for quick cooling or for extremely hot days. Once room is cooled, reduce setting to LOW COOL.
- OFF shuts-down the unit completely.

NOTE: Always allow 3 minutes before switching from one mode to another.



THERMOSTAT

The thermostat automatically controls the (compressor) cooling cycle and maintains the selected room temperature. To set the thermostat, rotate the thermostat knob to the desired cooling setting (1 warmest ~ 7 coldest). The fan motor will continue to operate after the compressor (cooling) has cycled off. This is normal.

CAUTION

When using FAN control, turn selector switch slowly allowing unit to adjust.

When using THERMOSTAT, be sure to allow three minutes before changing temperature. Adjusting too quickly may cause compressor to overload.

Care and Maintenance

When cleaning the air conditioner, be sure to turn the **SELECTOR** knob to the “**OFF**” position and disconnect the power cord from the electrical outlet.

1. **DO NOT** use gasoline, benzene, thinner or other chemicals on the air conditioner as these substances may cause damage to the paint finish and deformation of plastic parts.
2. Never attempt to pour water directly on unit as this will cause deterioration of the electrical insulation.

Air Filter Information

If the air filter becomes clogged with dust, air flow is obstructed and reduces efficiency. The air filter should be cleaned every 2 weeks.

Air Filter Removal:

The air filter is located behind the air intake front grill. To remove the air filter, grasp the sides of the front grill and pull forward to open and access the filter.

To reinstall the air filter, reverse the above procedures. The air filter may be vacuumed or washed by-hand in warm water. Dry thoroughly before installing.

Cleaning Air Filter

1. Use a vacuum cleaner with soft brush attachment.
2. Wash the filter in lukewarm water below 40°C (104°F): To get better results, wash with soapy water or a neutral cleaning agent.
3. Rinse the filter with clean water and dry thoroughly before re-installing.

End-of-Season Care

1. Operate the fan alone for half a day to dry out the inside of the unit.
2. Turn off power and remove plug from wall socket.
3. Clean filter.
4. Store (covered) air conditioner in a dry location.



CAUTION



When installing and/or removing the air conditioner from the window, ensure that caution is taken to prevent the from falling backward. It is recommended that installation or removal of the air conditioner is done with assistance to prevent injury to persons or damage to the unit or property.



IMPORTANT



DO NOT forget to install the air filter. If the air conditioner is left to operate without the air filter, dust is not removed from the room air and may result in machine failure.

When the air inlet grill and cabinet are dirty, wipe with lukewarm water (below 40°C). Use of a mild detergent is recommended.

Trouble shooting Guide

Frequently, a problem is minor and a service call may not be necessary, use this trouble shooting guide for a possible solution. If the unit continues to operate improperly, call **Danby's Toll Free Number 1-800-263-2629** for assistance, or call one of our service depots listed in the enclosed "Authorized Service Depot" listing provided with this unit.

Difficulty	Possible Cause	Suggested Solution
Air conditioner will not operate.	No power to unit.	Check connection of power cord to power source. Check fuse or circuit breaker. Set SELECTOR SWITCH to position other than "OFF".
Inefficient or no cooling.	Dirty air filter. Unit size inappropriate for application. Blocked air flow. Power interruption, settings changed too quickly, or compressor overload tripped.	Clean or replace air filter. Check with dealer to determine proper unit capacity for application. Remove obstruction from grill or outdoor louvers. Turn the unit off and wait 5 minutes before attempting to re-start.
Noisy unit.	Loose parts. Inadequate support.	Tighten loose parts. Provide additional support to unit.
Odors.	Formation of mold, mildew, or algae on wet surfaces.	Clean unit thoroughly. Place algacide tablet in base pan.
Water dripping outside.	Hot and humid weather.	Condensation run-off is normal under these conditions.
Water dripping inside.	Unit is not properly angled to allow water to drain outside.	Unit must be installed on an angle for proper condensation run-off. Check the unit and make any adjustments.
Ice or frost build-up.	Low outside temperature. Unit air filter is dirty.	When outdoor temperature is approximately 65°F or below, frost may form when unit is in cooling mode. Switch unit to FAN (only) operation until frost melts. Remove and clean filter.

- NOTES:**
1. *If circuit breaker is tripped repeatedly, or fuse is blown more than once, contact a qualified technician.*
 2. *When unit is installed using proper installation steps, unit is properly tipped towards the outdoors to allow for condensation run-off.*

DIPLOMAT™

LIMITED AIR CONDITIONER WARRANTY

This quality product is warranted to be free from manufacturer'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 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 12 Months During the first twelve (12) months, any electrical parts of this product found to be defective, including any sealed system units, will be repaired or replaced, at warrantor's option, at no charge to the ORIGINAL purchaser.

Additional 48 Months During the next forty-eight (48) months any part of the sealed system found to be defective (consisting of compressor, condenser, evaporator, dryer and all related tubing) will be replaced without charge. The purchaser shall pay for all labor and return freight during this period for repair or replacement of any sealed system components. Any unit being diagnosed as non-functional due to sealed system failure and warranting an exchange will be subject to an appropriate depreciation or user fee, including any and all freight charges being levied against the consumer.

To obtain Service Danby reserves the right to limit the boundaries of "In Home Service" to the proximity of an Authorized Service Depot. Any appliance requiring service outside the limited boundaries of "In Home 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 units 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 at an end.

EXCLUSIONS

Save as herein provided, Danby Products Limited (Canada) or Danby Products Inc. (U.S.A.), there are no other warranties, conditions, representations or guarantees, express or implied, made or intended by Danby Products Limited 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 Products Limited (Canada) or Danby Products Inc. (U.S.A), 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 save harmless Danby Products Limited 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.
- 6) Fire, water damage, theft, war, riot, hostility, acts of God such as hurricanes, floods etc.
- 7) Service calls resulting in customer education.

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

Warranty Service
In-home

Danby Products Limited
PO Box 1778, 5070 Whitelaw RD, Guelph, Ontario, Canada N1H 6Z9
Telephone: (519) 837-0920 FAX: (519) 837-0449

Danby Products Inc.
PO Box 669, Findlay, Ohio, U.S.A. 45839-0669
Telephone: (419) 425-8627 FAX: (419) 425-8629

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DAC7037M

For service, contact your nearest service depot or call:

**1-800-26-Danby®
(1-800-263-2629)**

Pour obtenir le service, consultez votre succursale régionale de service ou téléphonez:

**1-800-26-Danby®
(1-800-263-2629)**

Room Air Conditioner

The model number of your room air conditioner is found on the serial plate located on the right side of the unit above the power cord.

All repair parts are available for purchase or special order when you visit your nearest service depot. To request service and/or the location of the service depot nearest you, call the TOLL FREE NUMBER: **1-800-263-2629**

When requesting service or ordering parts, always provide the following information:

- Product Type
- Model Number
- Part Number
- Part Description

Climatiseur de pièce

Le numéro de modèle de votre climatiseur se trouve sur la plaque d'information qui se trouve sur le côté droit de l'appareil par dessus le cordon d'alimentation.

Toutes les pièces de rechange ou commandes spéciales sont disponibles de votre centre régional de service autorisé. Pour exiger le service et/ou le nom de votre centre de service régional, signalez le NUMÉRO SANS FRAIS: **1-800-263-2629**

Ayez les renseignements suivants à la portée de la main lors de la commande de pièce ou service:

- Genre de produit
- Numéro de modèle
- Numéro de pièce
- Description de la pièce