

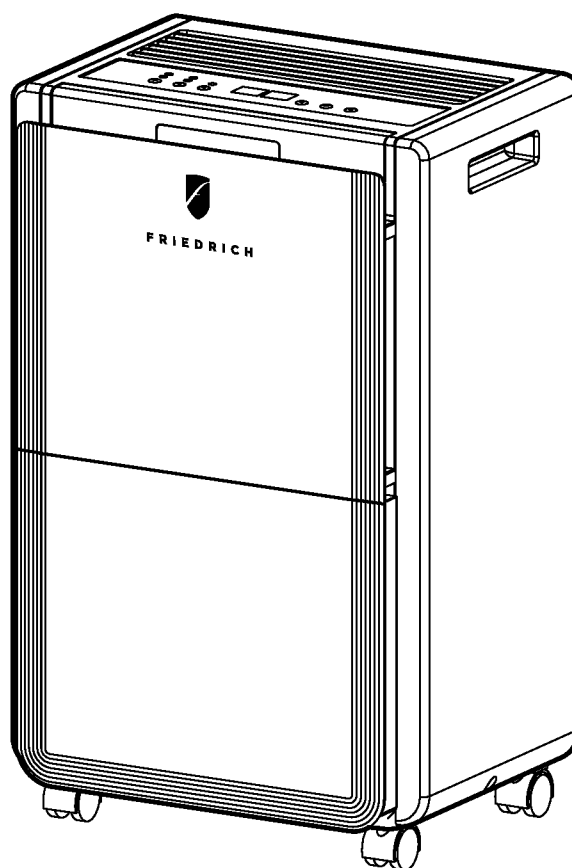
Installation and Operation Manual



F R I E D R I C H

Dehumidifier

D35B1B, D50B1B



Models

D35B1B	Volts: 115/60Hz	Capacity: 35 Pints	Moisture Removal: 35 Pint/Day
D50B1B	Volts: 115/60Hz	Capacity: 50 Pints	Moisture Removal: 50 Pint/Day

Congratulations!

Thank you for your decision to purchase the Friedrich Dehumidifier. Please read thoroughly of this Installation and Operation Manual.

**THANK YOU, on behalf of our entire company,
for making such a wise purchase.**

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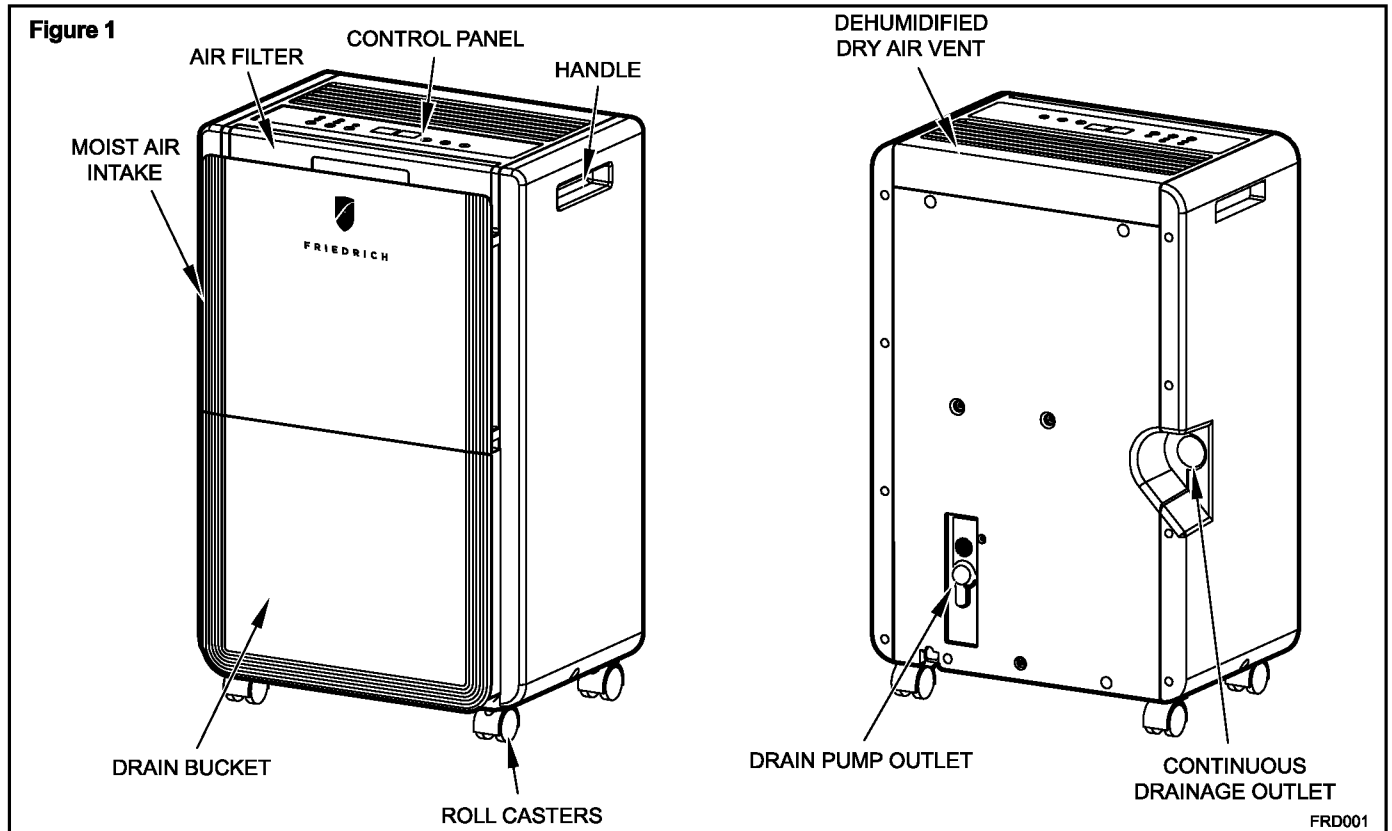
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	⚠ WARNING	⚠ AVERTISSEMENT	⚠ ADVERTENCIA
THINK SAFETY FIRST	Do not remove, disable or bypass this unit's safety devices. Doing so may cause, fire, injuries or death.	Ne pas supprimer, désactiver ou contourner cette l'unité des dispositifs de sécurité. faire vous risqueriez de provoquer, le feu, les blessures ou la mort.	No eliminar, desactivar o pasar por alto los dispositivos de seguridad de la unidad. Si lo hace podría producirse fuego, lesiones o muerte.

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DESCRIPTION OF COMPONENTS

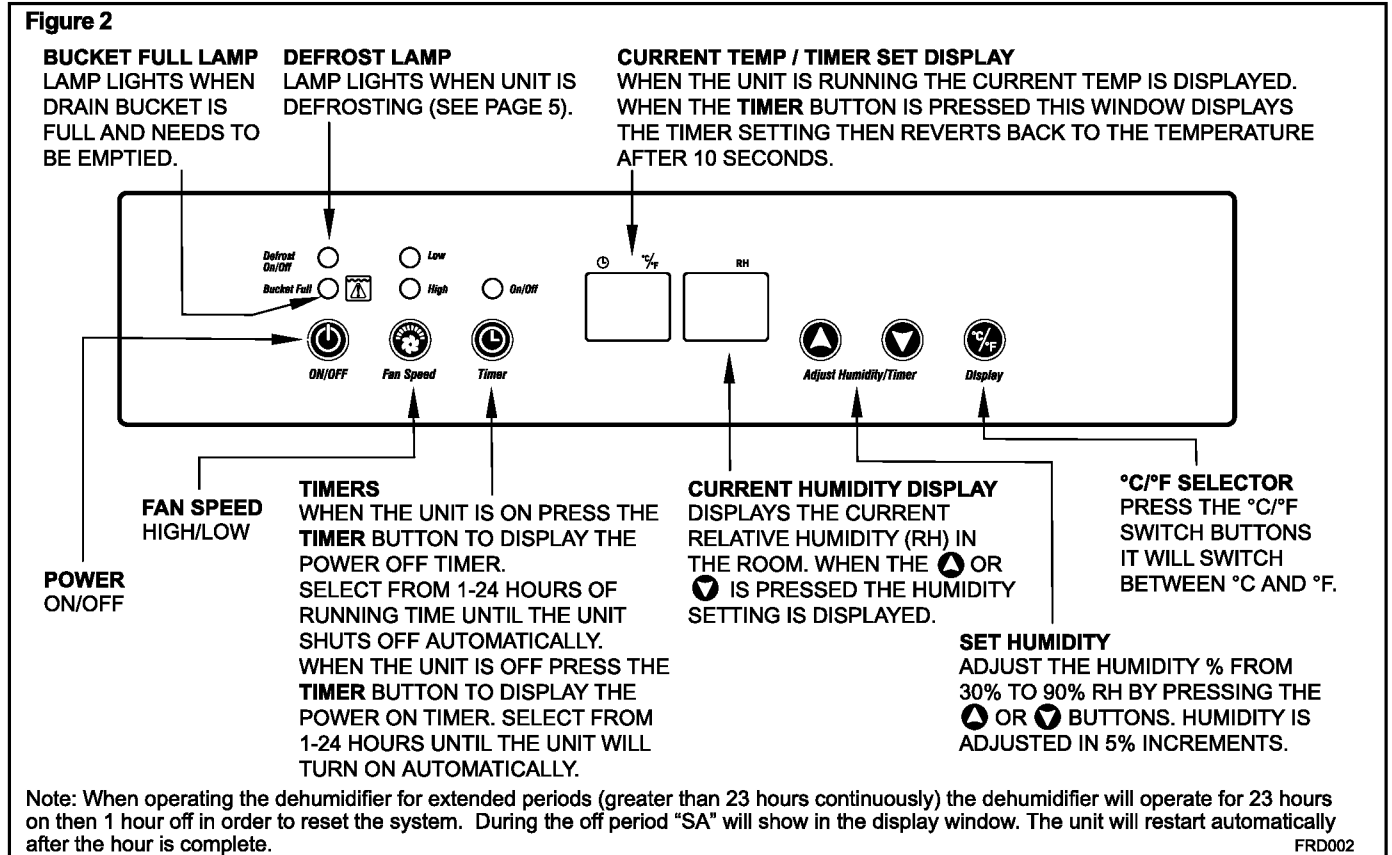
Figure 1



FRD001

FUNCTION EXPLANATION

Figure 2



FRD002

INSTALLATION INSTRUCTIONS

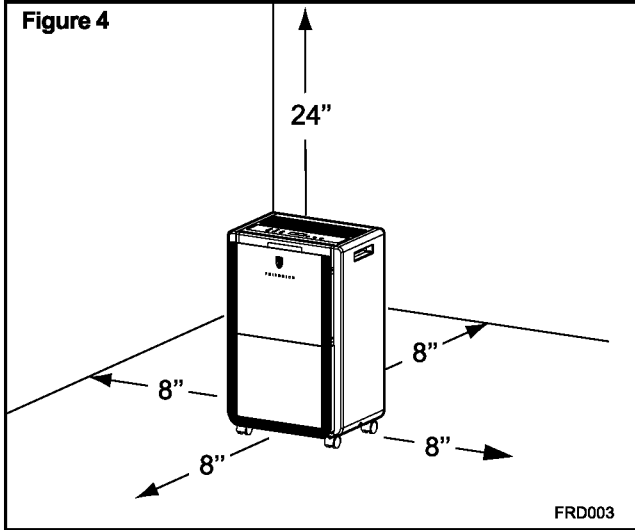
Follow the steps below for unpacking and set up your unit.

STEP 1. Remove unit from carton and inspect.

STEP 2. Remove accessories from drain bucket.

STEP 3. Set up unit in position with adequate clearance. Installation of unit is complete.

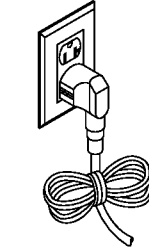
Allow at least 8 inches of space all around the unit and at least 24 inches of space above the unit.



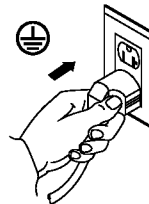
OPERATION INSTRUCTIONS

WARNING

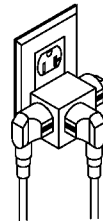
Electrical Hazards



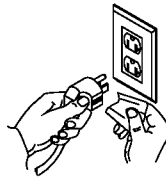
Do not fold power cord as shown at left.



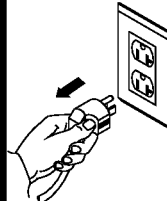
Make sure the plug is placed fully and firmly into the receptacle.



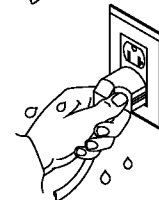
Do not use multiple sockets as shown at left.



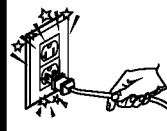
Make sure the plug is clean.



After turning the unit off please take plug out of the receptacle.



Do not have wet hands when connecting the power plug.



Do not pull the power cord to avoid a broken cord, which can lead to danger.

Start Operation

- STEP 1.** Place the unit in an upright position on a flat, steady, stable and heat resistant surface. Make sure there is nothing flammable or heat sensitive within 39 inches. Operating the product in any other position could cause a hazard.

⚠ WARNING



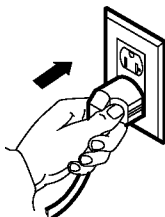
Electrical Shock Hazard

Make sure your electrical receptacle has the same configuration as your dehumidifier's plug. If different, consult a Licensed Electrician.

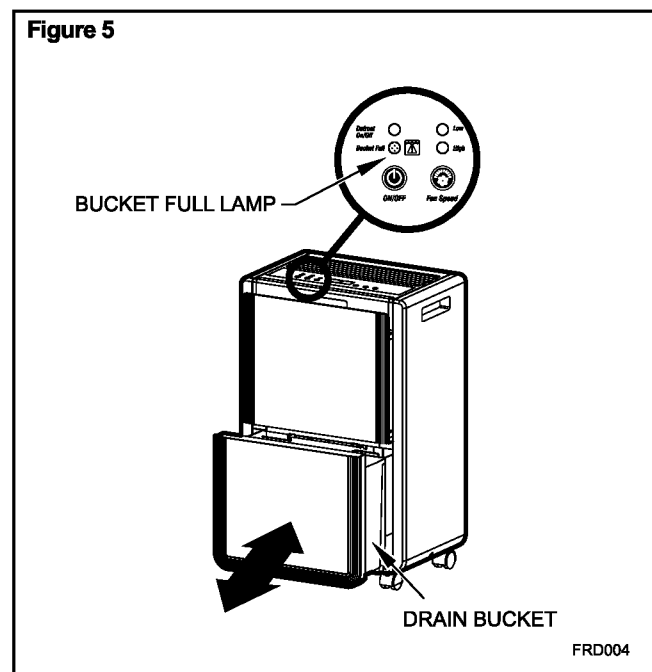
Do not use plug adapters.
Do not use an extension cord.
Do not remove ground prong.

Always plug into a grounded 3 prong outlet.
Failure to follow these instructions can result in death, fire, or electrical shock.

- STEP 2.** Insert the plug into a suitable wall socket. The dehumidifier is suitable for operation on an electricity supply having the same voltage as that shown on its rating label.



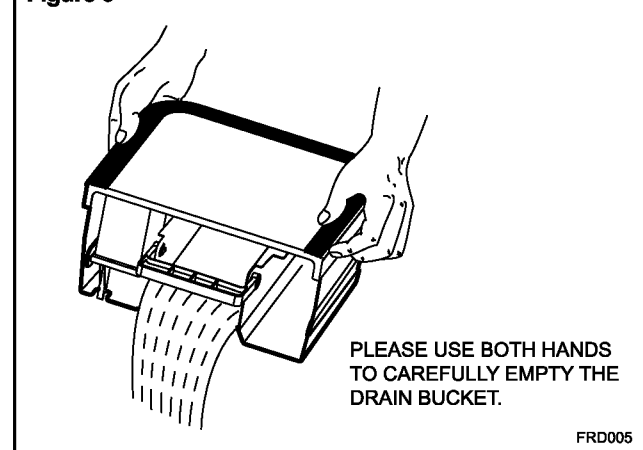
- STEP 3.** Make sure the **Drain Bucket** is correctly placed in the proper position (See Figure 5). (After switching the unit 'ON' for the first time, if the **Bucket Full** lamp illuminates, just pull out the drain bucket; check to ensure that the **float** lever is able to move freely, then return the drain bucket to the correct position).



When Bucket Full Lamp Is On

When the drain bucket is full, the **Bucket Full** lamp will illuminate and the unit will stop operating. The drain bucket should be carefully removed from the unit by sliding it outwards (See Figure 6) and should be emptied. Then place the empty drain bucket back to its proper position, (See Figure 7) the unit will start operating and run normally.

Figure 6

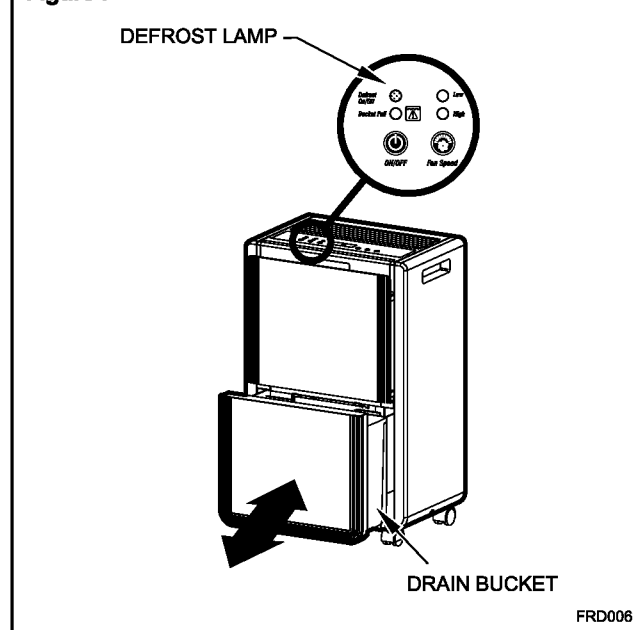


Defrost

When the unit is operated in low temperatures (less than 54 °F) the surface of the evaporator will accumulate a layer of frost which will reduce the efficiency of the dehumidifier. When this happens the unit will go into periodic defrost mode automatically. The Defrost Lamp will illuminate on control panel, this is quite normal (See Figure 7).

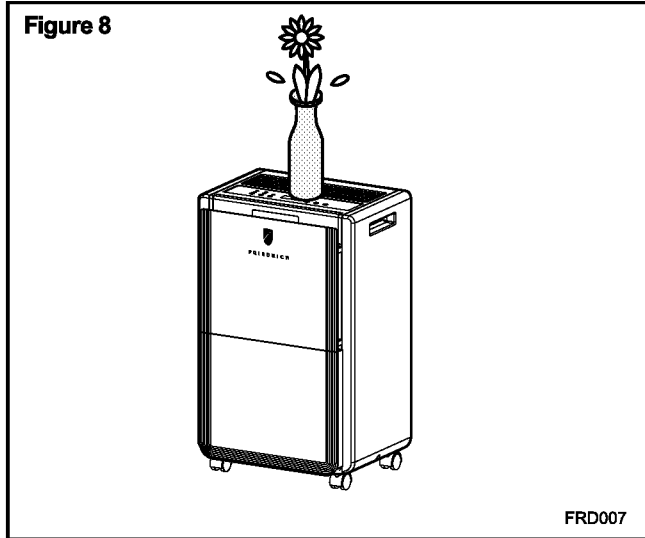
The dehumidifier will operate in temperatures down to 41 °F. The time it takes to defrost may vary. If the unit freezes up it should be turned off at the power supply for a few hours and then re-started. If the room temperature remains below 41 °F the unit should be switched off. It is not recommended to use the dehumidifier in temperatures below 41 °F.

Figure 7

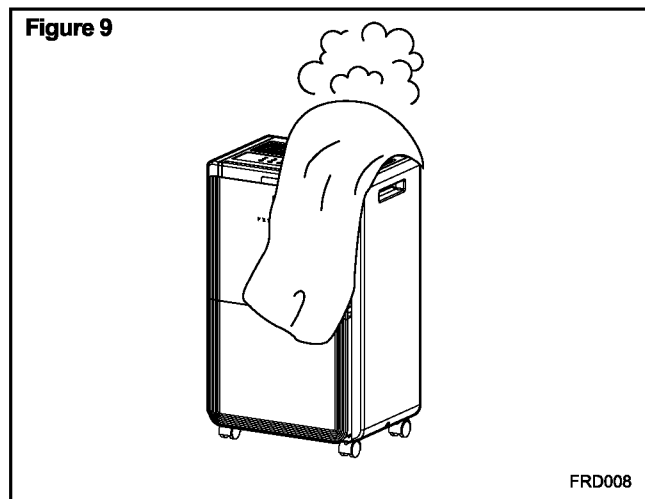


OPERATING DO'S AND DON'TS

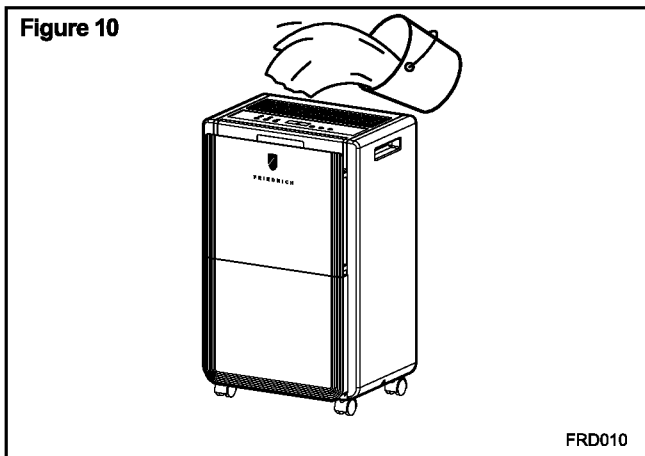
Do not place anything on top of the unit or control panel (See Figure 8).



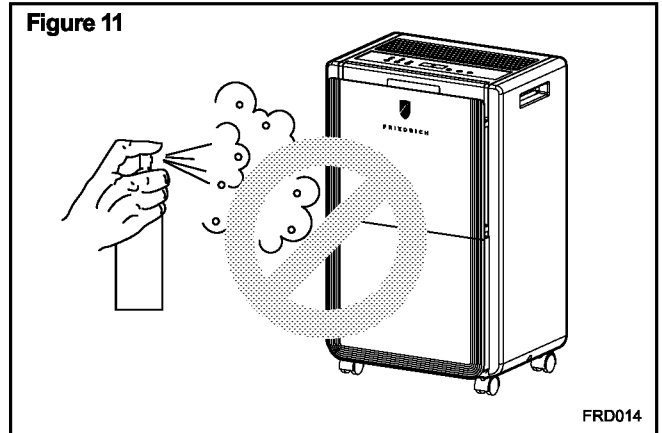
Do not place anything over the inlet or outlet points (See Figure 9).



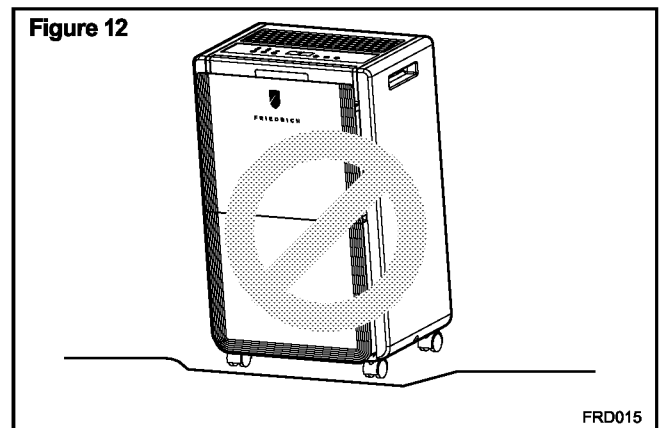
Do not wet the unit or the control panel (See Figure 10).



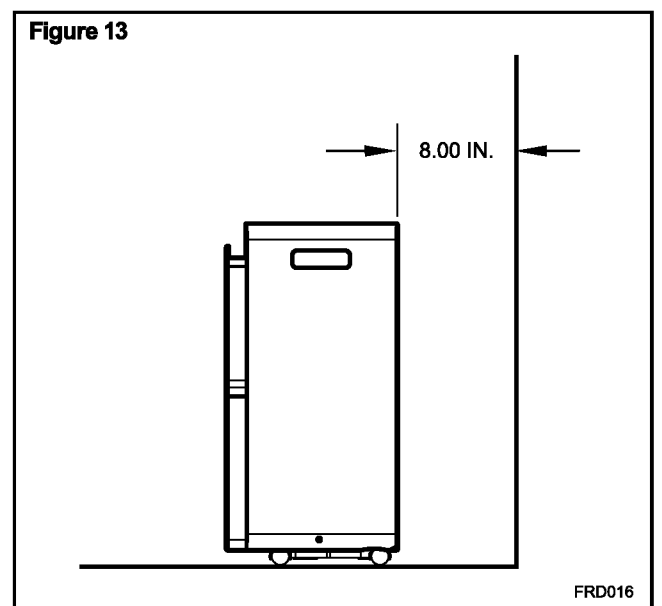
Do not use insect, oil or paint spray around the unit (See Figure 11), it might cause damage to the plastic parts or start a fire.



Do not place the unit on an uneven surface (See Figure 12), to avoid shaking, noise and leakage of water.

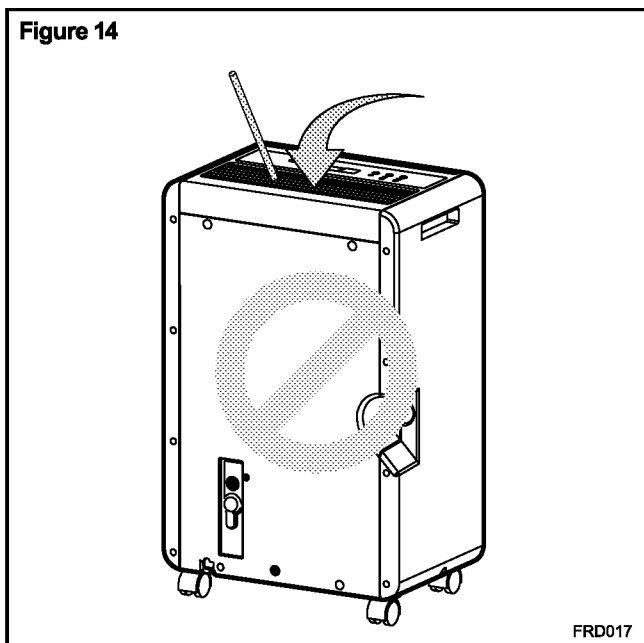


Do always keep the unit 8 in. away from the wall (See Figure 13) to dissipate the heat properly.



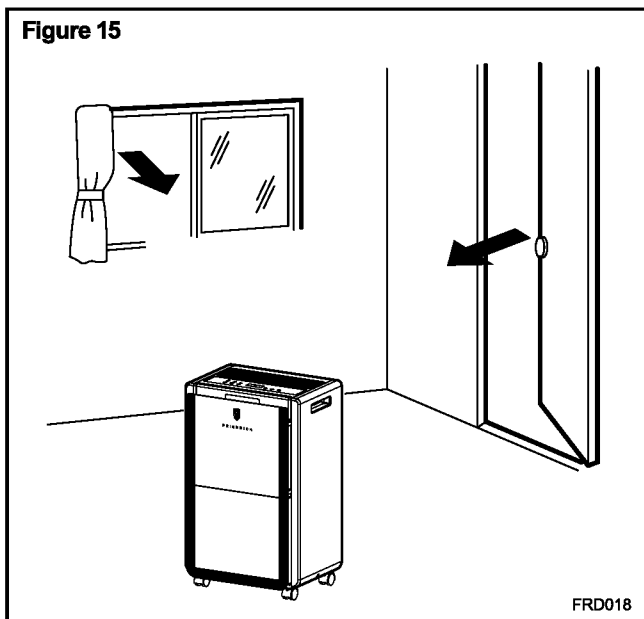
Do not put any foreign objects into the unit, it is dangerous and will result in damage to the unit (See Figure 14).

Figure 14



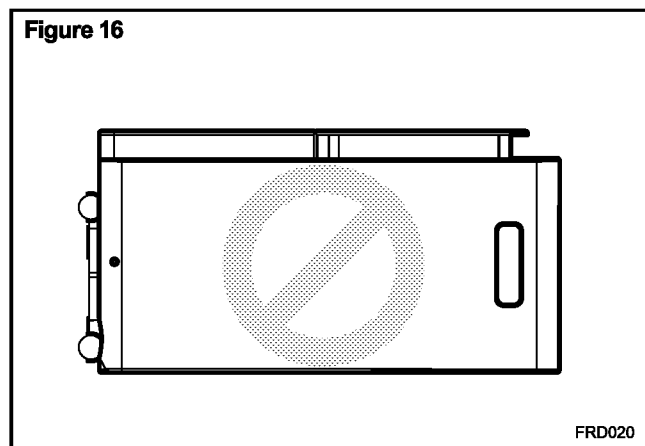
Do close all open windows to reach the maximum possible efficiency of dehumidifier removing moisture (See Figure 15).

Figure 15



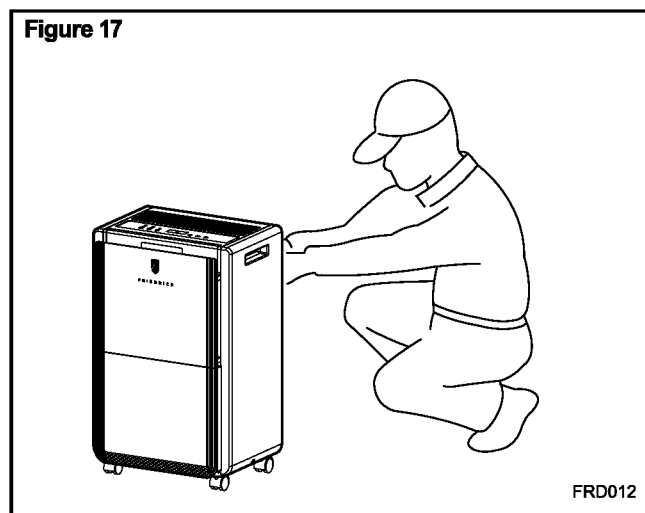
When moving or putting unit in storage, do not place the unit on its side or upside down and avoid violent shaking (See Figure 16).

Figure 16



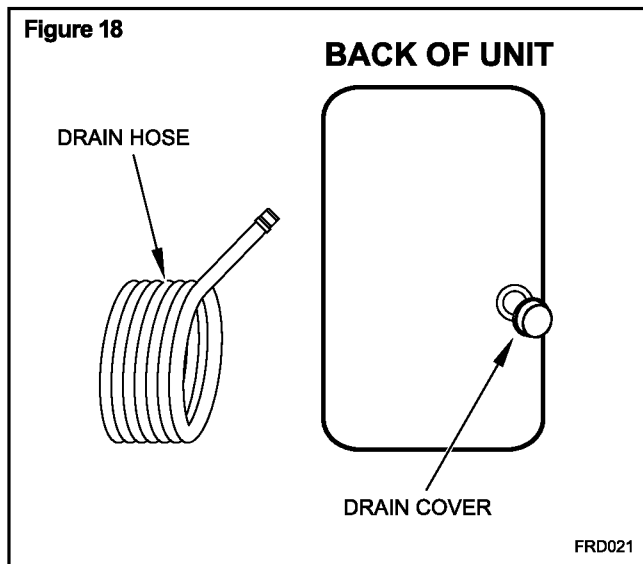
Do ask professional service technicians to service the unit as required (See Figure 17).

Figure 17

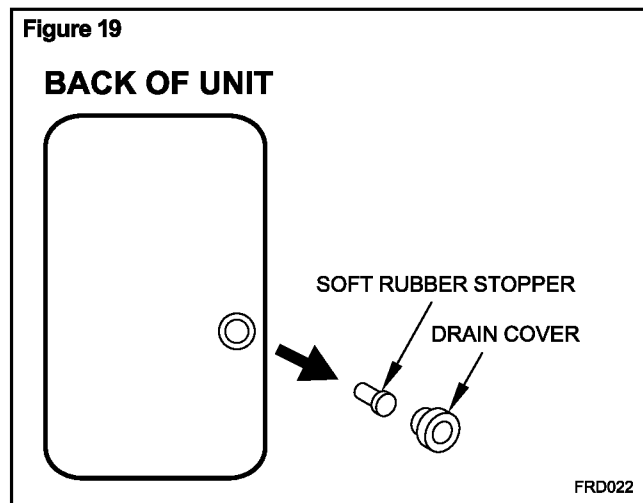


CONTINUOUS DRAINAGE

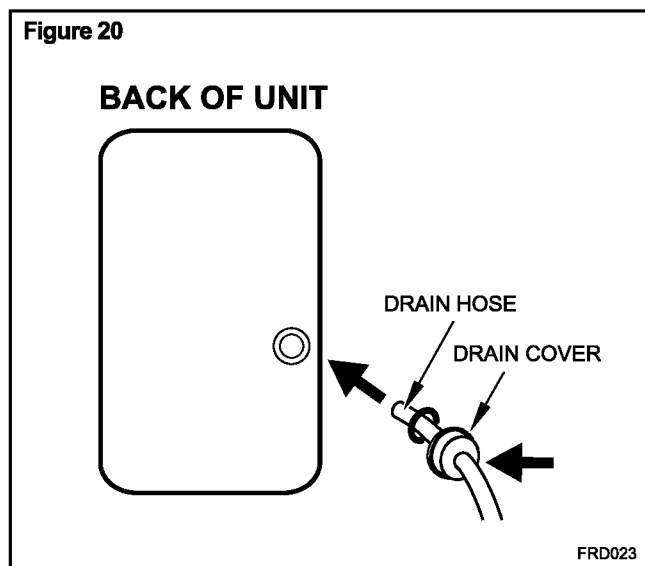
To save having to periodically empty the drain bucket, this unit can be configured for continuous drainage. You can use the supplied drain hose to connect to the continuous drainage connector (See Figure 18).



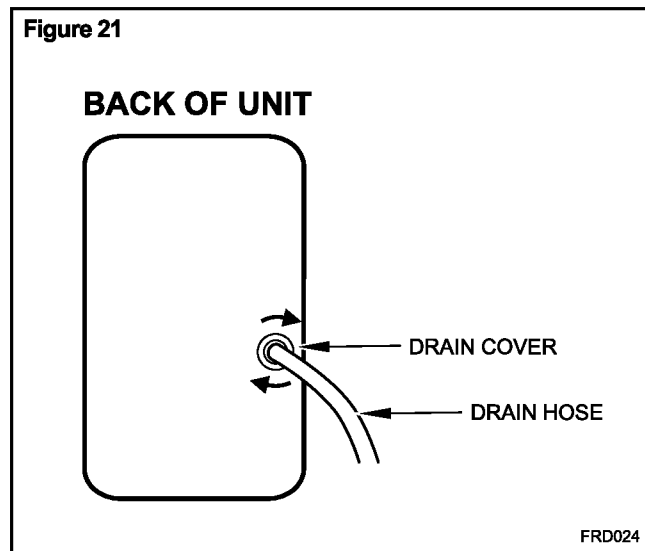
Unscrew and remove the drain cover at the rear of the unit (See Figure 19). Remove the soft rubber stopper. Put it into the drain bucket for safe keeping (See Figure 19).



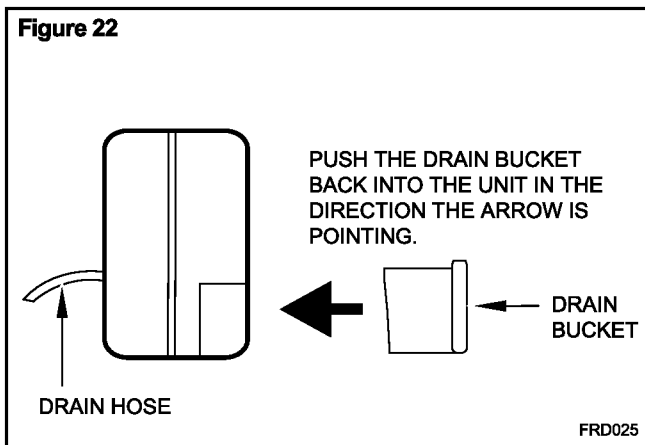
Insert the drain hose through the hole of the drain cover. Then connect the drain hose to the drain port (See Figure 20).



Tighten the drain cover in clockwise direction onto the rear of the unit (See Figure 21).



Place the bucket in its original location (See Figure 22).

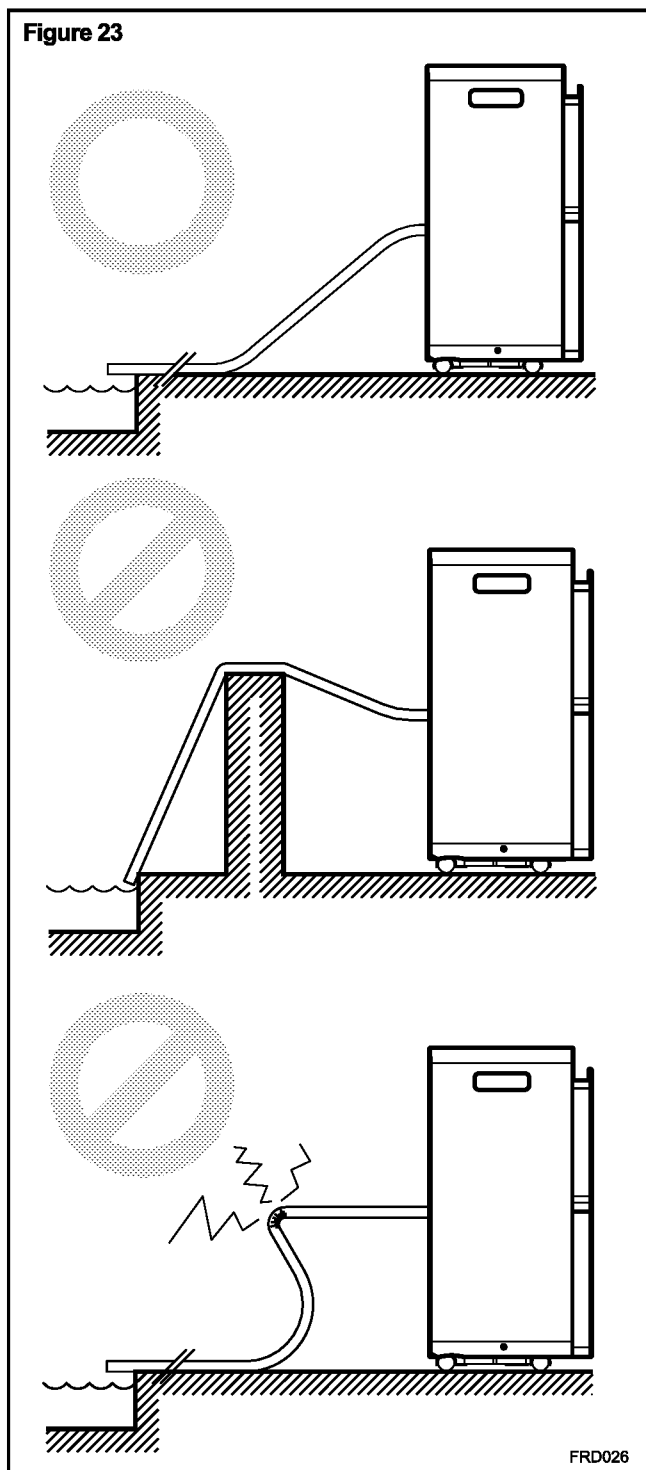


Continuous Drain Hose Routing

When using the function of continuous drainage, the drain hose must be placed horizontally below the drainage hole (See Figure 23).

You must avoid uneven ground and folding the hose (See Figure 23).

Figure 23



Continuous Drainage using Built-In Pump

Installation:

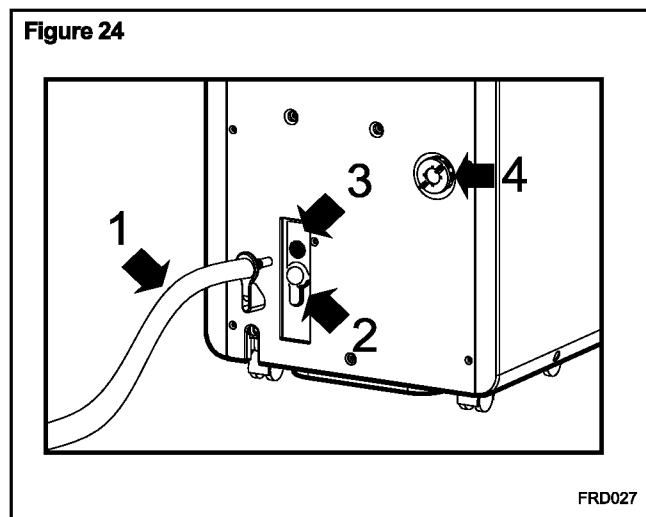
- STEP 1.** Connect the supplied water hose to the drainage key.
- STEP 2.** Connect the drainage key and water hose (1) to the drain pump outlet (2) on the rear panel.
- STEP 3.** Lead the other end to a suitable location for drainage, like a drain or sink and insert the plug into the water drain.

The maximum distance and the rise may be 15 ft from the unit. Exceeding this distance may damage the unit or cause leaks. When the unit's drain bucket capacity reaches a certain water level, it will drain automatically (See Figure 24).

Dismantle:

Press the drain release button (3) on the unit rear panel. The automatic drainage key will pull out (See Figure 24).

Figure 24



NOTICE

The rubber drain plug must be inserted in the continuous drainage outlet (4) for built-in pump feature to work. Removing the rubber drain plug will cause the condensation to exit through the continuous drainage outlet instead of the drain pump outlet.

MAINTENANCE

WARNING



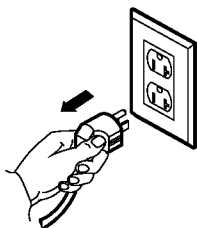
Electrical Shock Hazard

Make sure your electrical receptacle has the same configuration as your dehumidifier's plug. If different, consult a Licensed Electrician.

Do not use plug adapters.
Do not use an extension cord.
Do not remove ground prong.

Always plug into a grounded 3 prong outlet.
Failure to follow these instructions can result in death, fire, or electrical shock.

For safety reasons, make sure the unit is unplugged before servicing or cleaning.

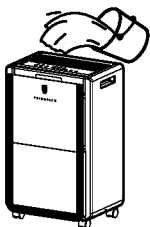


Cleaning the shell

STEP 1. Wipe the shell with a clean, soft cloth.

STEP 2. If the unit is very dirty, use mild detergent then wipe off the detergent with half dried cloth.

WARNING



Water Hazard

Do not wash the unit with a hose or immerse it in water. This may cause leakage of electricity or a shock hazard.

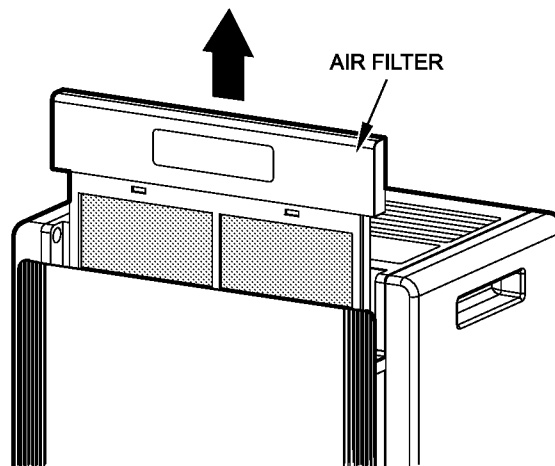
Cleaning the air filter

The purpose of the air filter is to filter dust and other materials from the air. If the filter is blocked by dust the electricity usage will be greater than normal. For optimal moisture removal and efficiency, clean the filter every two weeks.

Cleaning Steps

STEP 1. Pull the air filter out gently (See Figure 25).

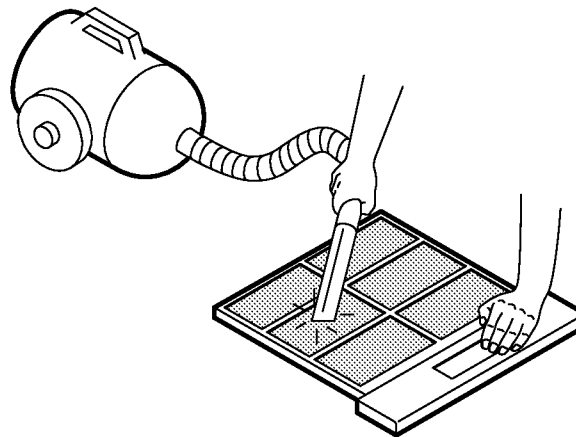
Figure 25



FRD029

STEP 2. Clean the air filter with a vacuum cleaner or wash it with clean water and dry with a dry cloth (See Figure 26).

Figure 26



FRD030

STEP 3. Put the clean air filter back in place and continue to operate the dehumidifier.

IN CASE OF EMERGENCY

If a problem occurs, unplug the unit and contact a qualified servicing center immediately. Do not disassemble the unit yourself.

TECHNICAL SPECIFICATIONS

Operating temperature / Relative humidity:
41°F - 89.6°F (5-32°C) / 30%-90%RH

NOTICE

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.

NOTICE

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 person responsible for their safety.
Children should be supervised to ensure that they do not play with the appliance.

NOTICE

The appliance shall be installed in accordance with national wiring regulations.

NOTICE

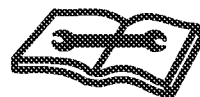
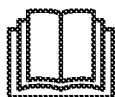
Wiring diagram affixed inside the rear panel.

WARNING (FOR USING R32 REFRIGERANT ONLY)

- READ THE MANUAL CAREFULLY BEFORE USING THE APPLIANCE.
- Stagnation of possible leaks of refrigerant gas in unventilated rooms could lead to fire or an explosion hazard should the refrigerant come in contact with electric heaters, stoves or other sources of ignition.
- Use care when storing the appliance to prevent mechanical faults.
- Only persons authorized by an accredited agency certifying their competence to handle refrigerants in compliance with sector legislation should work on refrigerant circuits.
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance) and ignition sources or (for example: an operating electric heater) close to the appliance. The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn.
- Be aware that refrigerants may not contain an odour.
- Compliance with national gas regulations shall be observed.
- Keep ventilation openings clear of obstruction.
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- A warning that the appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.
- Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification.
- Servicing shall only be performed as recommended by the equipment manufacturer.
- Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.
- DO NOT modify the length of the power cord or use an extension cord to power the unit.
- DO NOT share a single outlet with other electrical appliances. Improper power supply can cause fire or electrical shock.
- Please follow the instruction carefully to handle, install, clear or service the dehumidifier to avoid any damage or hazard. Flammable Refrigerant R32 is used within dehumidifier. When maintaining or disposing the dehumidifier, the refrigerant (R32) shall be properly recovered and not discharged into the air.
- No open fire or device which may generate spark/arcing shall be around dehumidifier to avoid causing ignition of the flammable refrigerant used. Please follow the instruction carefully to store or maintain the dehumidifier to prevent mechanical damage from occurring.
- Flammable refrigerant R32 is used in dehumidifier. Please follow the instruction carefully to avoid any hazard.



A2L



WARNING (FOR USING R32 REFRIGERANT ONLY)

1. Transport of equipment containing flammable refrigerants
See transport regulations.
2. Marking of equipment using signs
See local regulations.
3. Disposal of equipment using flammable refrigerants
See national regulations.
4. Storage of equipment/appliances
The storage of equipment should be in accordance with the manufacturer's instructions.
5. Storage of packed (unsold) equipment
Storage package protection should be constructed such that mechanical damage to the equipment inside the package will not cause a leak of the refrigerant charge. The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations.
6. Information on servicing
 - a) Checks to the area: Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimized. For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.
 - b) Work procedure: Work shall be undertaken under a controlled procedure so as to minimize the risk of a flammable gas or vapour being present while the work is being performed.
 - c) General work area: All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided. The area around the workspace shall be sectioned off. Ensure that the conditions within the area have been made safe by control of flammable material.
 - d) Checking for presence of refrigerant: The area shall be checked with an appropriate refrigerant detector prior to and during work, to ensure the technician is aware of potentially flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e. non-sparking, adequately sealed or intrinsically safe.
 - e) Presence of fire extinguisher: If any hot work is to be conducted on the refrigeration equipment or any associated parts, appropriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO2 fire extinguisher adjacent to the charging area.
 - f) No ignition sources: No person carrying out work in relation to a refrigeration system which involves exposing any pipe work that contains or has contained flammable refrigerant shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which flammable refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. No Smoking signs shall be displayed.
 - g) Ventilated area: Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.
 - h) Checks to the refrigeration equipment: Where electrical components are being

changed, they shall be fit for the purpose and to the correct specification. At all times the manufacturer's maintenance and service guidelines shall be followed. If in doubt consult the manufacturer's technical department for assistance. The following checks shall be applied to installations using flammable refrigerants:

- The charge size is in accordance with the room size within which the refrigerant containing parts are installed;
 - The ventilation machinery and outlets are operating adequately and are not obstructed;
 - If an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant;
 - Marking to the equipment continues to be visible and legible. Markings and signs that are illegible shall be corrected;
 - Refrigeration pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.
- i) Checks to electrical devices: Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used. This shall be reported to the owner of the equipment so all parties are advised. Initial safety checks shall include:
- That capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking;

- That there no live electrical components and wiring are exposed while charging, recovering or purging the system;
- That there is continuity of grounding.

7. Repairs to sealed components

- a) During repairs to sealed components, all electrical supplies shall be disconnected from the equipment being worked upon prior to any removal of sealed covers, etc. If it is absolutely necessary to have an electrical supply to equipment during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.
- b) Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected. This shall include damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc.
- Ensure that apparatus is mounted securely.
 - Ensure that seals or sealing materials have not degraded such that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer's specifications.

▲ NOTE: The use of silicon sealant may inhibit the effectiveness of some types of leak detection equipment. Intrinsically safe components do not have to be isolated prior to working on them.

8. Repair to intrinsically safe components

Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltage and current permitted for the equipment in use. Intrinsically safe components are the only

types that can be worked on while live in the presence of a flammable atmosphere. The test apparatus shall be at the correct rating.

Replace components only with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

9. Cabling

Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

10. Detection of flammable refrigerants

Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used.

11. Leak detection methods

The following leak detection methods are deemed acceptable for systems containing flammable refrigerants. Electronic leak detectors shall be used to detect flammable refrigerants, but the sensitivity may not be adequate, or may need re-calibration. (Detection equipment shall be calibrated in a refrigerant-free area.) Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used. Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed and the appropriate percentage of gas (25 % maximum) is confirmed. Leak detection fluids are suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe-work. If a leak is suspected, all naked flames shall be removed/ extinguished. If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the

system remote from the leak. Oxygen free nitrogen (OFN) shall then be purged through the system both before and during the brazing process.

12. Removal and evacuation

When breaking into the refrigerant circuit to make repairs or for any other purpose conventional procedures shall be used. However, it is important that best practice is followed since flammability is a consideration. Opening of the refrigeration systems shall not be done by brazing. The following procedure shall be adhered to:

- Remove refrigerant;
- Purge the circuit with inert gas;
- Evacuate;
- Purge again with inert gas;
- Open the circuit by cutting or brazing.

The refrigerant charge shall be recovered into the correct recovery cylinders. The system shall be flushed with OFN to render the unit safe. This process may need to be repeated several times. Compressed air or oxygen shall not be used for this task.

Flushing shall be achieved by breaking the vacuum in the system with OFN and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum. This process shall be repeated until no refrigerant is within the system. When the final OFN charge is used, the system shall be vented down to atmospheric pressure to enable work to take place. This operation is absolutely vital if brazing operations on the pipe-work are to take place.

Ensure that the outlet for the vacuum pump is not close to any ignition sources and there is ventilation available.

13. Charging procedures

In addition to conventional charging procedures, the following requirements shall be followed.

- Ensure that contamination of different

refrigerants does not occur when using charging equipment. Hoses or lines shall be as short as possible to minimize the amount of refrigerant contained in them.

- Cylinders shall be kept upright.
- Ensure that the refrigeration system is earthed prior to charging the system with refrigerant.
- Label the system when charging is complete (if not already).
- Extreme care shall be taken not to overfill the refrigeration system.
- Prior to recharging the system it shall be pressure tested with OFN. The system shall be leak tested on completion of charging but prior to commissioning. A follow up leak test shall be carried out prior to leaving the site.

14. Decommissioning

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of reclaimed refrigerant. It is essential that electrical power is available before the task 's commenced.

- a) Become familiar with the equipment and its operation.
- b) Isolate system electrically.
- c) Before attempting the procedure ensure that: Mechanical handling equipment is available, if required, for handling refrigerant cylinders; All personal protective equipment is available and being used correctly; The recovery process is supervised at all times by a competent person; Recovery equipment and cylinders conform to the appropriate standards.
- d) Pump down refrigerant system, if possible.

- e) If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
- f) Make sure that cylinder is situated on the scales before recovery takes place.
- g) Start the recovery machine and operate in accordance with manufacturer's instructions.
- h) Do not overfill cylinders. (No more than 80 % volume liquid charge).
- i) Do not exceed the maximum working pressure of the cylinder, even temporarily.
- j) When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.
- k) Recovered refrigerant shall not be charged into another refrigeration system unless it has been cleaned and checked.

15. Labelling

Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant. The label shall be dated and signed. Ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

16. Recovery

When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely.

When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number of cylinders for holding the total system charge is available. All cylinders to be used are designated for the recovered refrigerant and labelled for that refrigerant (i.e. special cylinders for the recovery of refrigerant). Cylinders shall be complete with pressure relief valve and associated shut-off valves in good working order.

Empty recovery cylinders are evacuated and, if possible, cooled before recovery occurs.

The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of flammable refrigerants.

In addition, a set of calibrated weighing scales shall be available and in good working order. Hoses shall be complete with leak-free disconnect couplings and in good condition. Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release. Consult manufacturer if in doubt.

The recovered refrigerant shall be returned to the refrigerant supplier in the correct recovery cylinder, and the relevant Waste Transfer Note arranged. Do not mix refrigerants in recovery units and especially not in cylinders. If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that flammable refrigerant does not remain within the lubricant. The evacuation process shall be carried out prior to returning the compressor to the suppliers. Only electric heating to the compressor body shall be employed to accelerate this process. When oil is drained from a system, it shall be carried out safely.



F R I E D R I C H

Friedrich Air Conditioning Company

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San Antonio, TX 78216

800.541.6645

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DEHUMIDIFIERS LIMITED WARRANTY

FIRST YEAR

ANY PART: If any part supplied by FRIEDRICH fails because of a defect in workmanship or material within twelve months from date of original purchase, FRIEDRICH will repair the product at no charge, provided the product is transported to a Friedrich Authorized Service Center for repair. ALL transportation charges are the sole responsibility of the owner. This remedy is expressly agreed to be the exclusive remedy within twelve months from the date of the original purchase.

SECOND THROUGH FIFTH YEAR

SEALED REFRIGERANT SYSTEM: If the Sealed Refrigeration System (defined for this purpose as the compressor, condenser coil, dehumidifying coil, capillary, filter drier, and all interconnecting tubing) supplied by FRIEDRICH in your dehumidifier fails because of a defect in workmanship or material within sixty months from date of purchase, FRIEDRICH will pay a labor allowance and parts necessary to repair the Sealed Refrigeration System; **PROVIDED** FRIEDRICH will not pay the cost of diagnosis of the problem, removal, freight charges, and transportation of the dehumidifier to and from the Service Agency, and the reinstallation charges associated with repair of the Sealed Refrigeration System. All such cost will be the sole responsibility of the owner. This remedy is expressly agreed to be the exclusive remedy within sixty months from the date of the original purchase.

APPLICABILITY AND LIMITATIONS: This warranty is applicable only to units retained within the Fifty States of the U.S.A., District of Columbia, and Canada. This warranty is not applicable to:

1. Air filters or fuses.
2. Products on which the model and serial numbers have been removed.
3. Products which have defects or damage which results from improper installation, wiring, electrical current characteristics, or maintenance; or caused by accident, misuse or abuse, fire, flood, alterations and/or misapplication of the product and/or units installed in a corrosive atmosphere, default or delay in performance caused by war, government restrictions or restraints, strikes, material shortages beyond the control of FRIEDRICH, or acts of God.

OBTAINING WARRANTY PERFORMANCE: Service will be provided by the **FRIEDRICH Authorized Dealer or Service Organization** in your area. They are listed in the Yellow Pages. If assistance is required in obtaining warranty performance, write to Room Air Conditioner Service Manager (the Friedrich address is at the top of this warranty) or email tac@friedrich.com.

LIMITATIONS: **THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES. Anything in the warranty notwithstanding, ANY IMPLIED WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE AND/OR MERCHANTABILITY SHALL BE LIMITED TO THE DURATION OF THIS EXPRESS WARRANTY. MANUFACTURER EXPRESSLY DISCLAIMS AND EXCLUDES ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGE FOR BREACH OF ANY EXPRESSED OR IMPLIED WARRANTY.**

NOTE: Some states do not allow limitations on how long an implied warranty lasts, or do not allow the limitation or exclusion of consequential or incidental damages, so the foregoing exclusions and limitations may not apply to you.

OTHER: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

PROOF OF PURCHASE: Owner must provide proof of purchase in order to receive any warranty related services.

All service calls for explaining the operation of this product will be the sole responsibility of the consumer.

All warranty service must be provided by an **Authorized FRIEDRICH Service Agency**, unless authorized by FRIEDRICH prior to repairs being made.



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