



USDP-47
47", 12 Tub



USDP-67
67", 20 Tub



USDP-88
88", 28 Tub

Ice Cream Dipping Unit Instruction Manual

This manual contains important information regarding your unit. Please read this manual thoroughly prior to equipment set-up, operation, and maintenance. Failure to comply with regular maintenance guidelines outlined in this manual may void the warranty.



IMPORTANT SAFEGUARDS

Please pay close attention to the safety notices in this section. Disregarding these notices may lead to serious injury and/or damage to the unit.



WARNING

DANGER:

- Risk of fire or explosion.
- Flammable refrigerant R290 used.
- To be repaired only by trained service personnel.
- **DO NOT** use mechanical devices to defrost refrigerator.
- **DO NOT** puncture refrigerant tubing.
- **DO NOT** pierce or burn.
- **DO NOT** store in a room with continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater.)

ATTENTION

- 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.
- **DO NOT** allow children to play with unit.
- **DO NOT** leave children unattended with unit, adult supervision required.
- **DO NOT** use this unit for anything other than intended use.
 - * This unit is specifically designed to merchandise ice cream or yogurt type products.
- Keep unit away from any heat source, open flame, flammable vapors and liquids.
- **DO NOT** spray the unit with water.
- **NEVER** clean refrigerator parts with flammable fluids.
 - * These fumes can create a fire hazard or explosion.
- **DO NOT** attempt to remove or repair any component.
 - * All other servicing should be done by a qualified technician.
- **DO NOT** store or use gasoline or other flammable vapors and liquids near this or any other appliance as the fumes can create a fire hazard or explosion.
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- To prevent skin from getting stuck to the cold surfaces, keep hands and other body parts dry when touching cold surfaces in the refrigerated compartment.

TRANSPORTATION AND PLACEMENT

- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.
- **DO NOT** incline unit more than 45 degrees, to prevent compressor and system damage.
- Before use, remove all the packing material.
- Place the unit on a flat, secure surface with at least 4" (10 cm) of open space around all sides to ensure proper air circulation.
- The unit should be put in well-ventilated, dry place.
- Don't use it under direct sunshine.
- The unit should be kept away from water sink, heat source and any volatile, corrosive material.

PROPER GROUNDING REQUIRED

- To minimize shock and fire hazards, make sure that the unit is properly grounded.



ELECTRICAL

- **DO NOT** overload outlet, to minimize shock and fire hazard.
- **NEVER** use an adapter plug or extension cord to power the unit.
- It is recommended that a separate circuit, serving only your unit, be used.
- Use receptacles that cannot be turned off by a switch or pull chain.
- The wall outlet, circuit and supply voltage must be checked carefully by qualified electricians.
- **DO NOT** plug unit into outlet if the power cord is broken or frayed
- **DO NOT** attempt to alter or tamper with the electrical cord.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- **DO NOT** rest unit on or against the electrical cord or plug.
- **DO NOT** plug or unplug the cord with wet hands, to minimize shock and fire hazards
- **UNPLUG UNIT BEFORE** maintenance and cleaning.
- When the unit will not be in use for a long period of time, disconnect the power first, then clean it.
- Avoid turning on and off the power too frequently.
- After unplugging the unit, wait at least 5 minutes before re-plugging it. Failure to do so could cause damage to the compressor.
- **DO NOT** damage the refrigerant circuit.

DISPOSAL

- Dispose of properly in accordance with Federal or local regulations.
- Refer to local regulations regarding disposal of the appliance for its flammable gas.
- Before you scrap the appliance, please take off the doors to prevent children from being trapped.
- Before carrying out decommissioning 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 recovered refrigerant. It is essential that electrical power is available before the task is commenced.
- When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely. 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 all appropriate refrigerants including, when applicable, FLAMMABLE REFRIGERANTS 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.

INSTALLATION WARNINGS:

- The appliance shall be installed in accordance with national wiring regulations
- The appliance is to be installed in accordance with the Safety Standard for Refrigeration Systems, ANSI/ASHRAE 15.

Notice:

- * 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.
- * Component parts shall be replaced with like components so as to minimize the risk of possible ignition due to incorrect parts.



BEFORE INSTALLATION:

- If the unit has recently been transported please let unit stand still for a minimum of 24 hours before plugging it in.
- Make sure that the desired temperature is reached before loading the unit product.
- Make sure all accessories are installed (i.e. shelves, shelf clips, casters) before plugging the unit in.
- Please read through the manual in its entirety.

TO INSTALL:

- Remove unit from box and make sure all plastic, tape and packaging materials are removed.
- Place the unit on a flat, secure surface with at least 4" (10 cm) of open space around all sides to ensure proper air circulation
- Place the unit in a dry area to prevent the compartment body from getting rusty
- Place the unit in an area that is not in direct sunlight or any other sources of heat

TO USE:

- Make sure the unit is plugged in properly
- The unit should be running 2 to 3 hours before loading products to detect any potential electrical failure and/or concealed shipping damage.
- **DO NOT** replace the temperature controller or change its parameters without the help of a qualified technician.
- **DO NOT** restart the unit immediately when it is disconnected or shut off. Wait several minutes before restarting.

CLEANING AND MAINTENANCE

Stainless Steel Cleaning

- **WARNING:** Failure to follow these instructions may result in abrasion, pitting and rusting of stainless steel surfaces.
- **DO NOT** use hydrochloric acid, chlorine-based product or steel wool to clean stainless steel.
- Ammonia and soap can be used to polish the stainless steel surfaces and wipe off fingerprints and smears.
- Other specialized commercial detergents can be used to remove grease and oil.
- Soft cloths, towels and sponges are recommended to be used along with detergents.
- Wipe stainless steel surfaces dry after cleaning.

Transparent Lid Cleaning

- **DO NOT** use rough cloths for cleaning, to prevent the lid surface from being scratched.
- **DO NOT** use acetone, alcohol or dry-cleaning fluid to clean the plastic lid.
- The lid can be removed from the unit by taking down the hinge bracket when cleaning.
- Use non-abrasive detergents and mild soapy water to clean the lid.

Can Holder Cleaning

- The plastic can holder can be removed from the unit for easy cleaning.
- The can holder can be washed with non-abrasive detergents and soapy water.
- A non-metallic brush is recommended for best results.



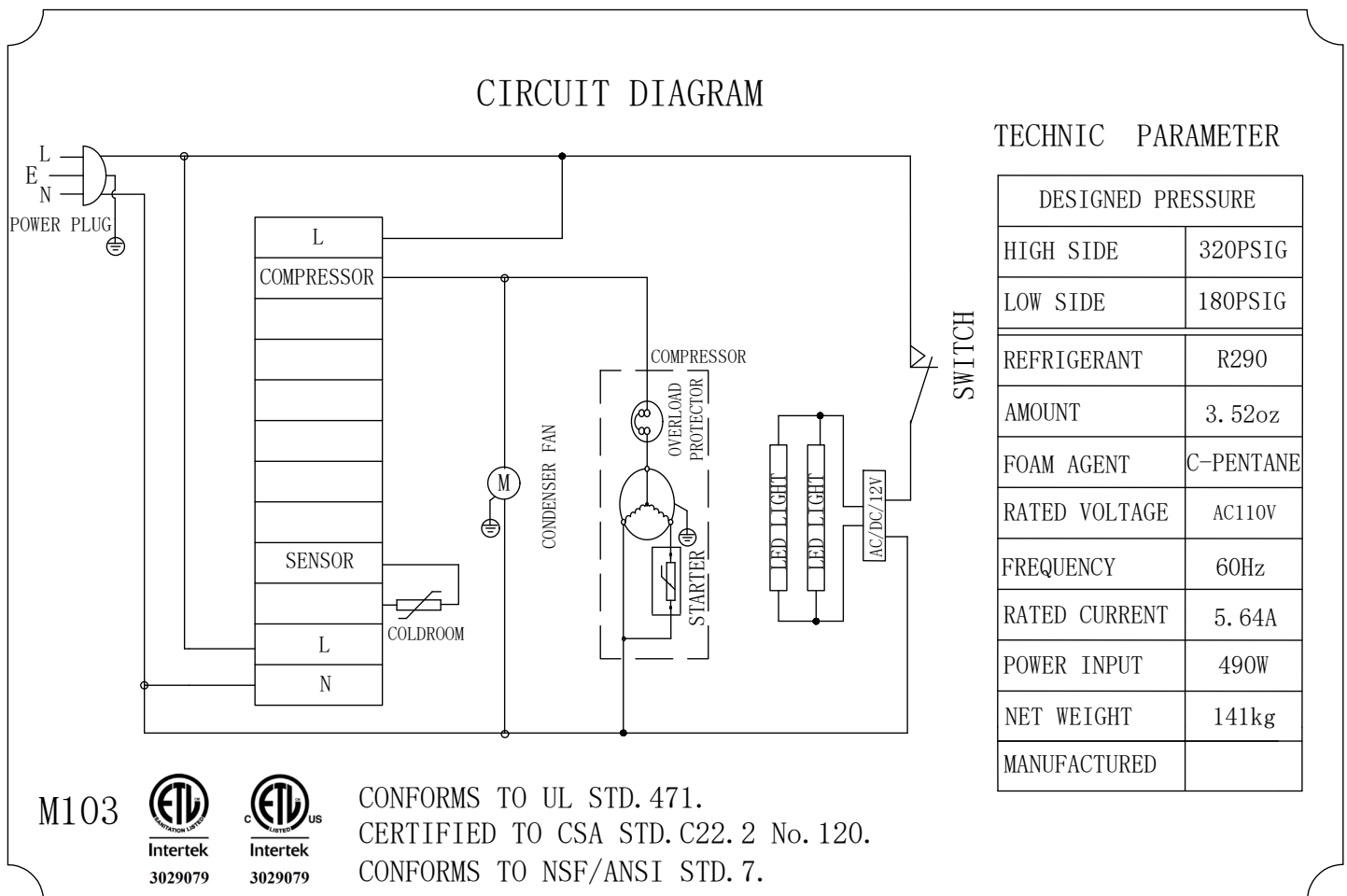
Condenser Cleaning

- The condenser should be cleaned at least once a month due to dirt, grease, lint and dust build up.

The following instructions help to reduce compressor failure and minimize your maintenance expense:

1. You will need a screwdriver, adjustable wrench and soft bristle brush when cleaning the condenser
2. Unscrew all screws with screwdriver to remove the grill covering the condenser
3. Use a bristle brush to get rid of the accumulated dirt, grease, lint and dust from the condenser.
4. Clean the coils and fan blades of the condenser carefully and cautiously to avoid any damage.
5. Ensure that the condenser and other accessories are assembled correctly before reinstalling the grill.
6. Reinstall the grill and tighten all the screws.
7. Connect the unit and check that it is functioning properly.

CIRCUIT DIAGRAM





TROUBLE SHOOTING

- Before requesting any service on your unit, please check the following points. Please note that this guide serves only as a reference for solutions to common problems.

SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
Compressor not running.	Fuse blown or circuit breaker tripped.	Replace fuse or reset circuit breaker.
	Power cord unplugged.	Plug in power cord.
	Thermostat set too high.	Set thermostat to lower temperature.
	Unit in defrost cycle.	Wait for defrost cycle to finish.
Condensing unit runs for long periods of time.	Excessive amount of warm product placed in unit.	Allow adequate time for product to cool down.
	Prolonged door opening or door ajar.	Ensure doors are closed when not in use. Avoid opening doors for long periods of time.
	Door gasket(s) not sealing properly.	Ensure gaskets are snapped in completely. Remove gasket and wash with soap and water. Check condition of gasket and replace if necessary.
	Dirty condenser coil.	Unplug unit and clean the condenser coil.
	Evaporator coil iced over.	Unplug unit and allow coil to defrost. Make sure thermostat is not set too cold. Ensure that door gasket(s) are sealing properly.
Unit temperature is too warm.	Thermostat set too warm.	Set thermostat to lower temperature.
	Blocking air flow.	Re-arrange product to allow for proper air flow. Make sure there is at least four inches of clearance from evaporator.
	Excessive amount of warm product placed in unit.	Allow adequate time for product to cool down.
	Fuse blown or circuit breaker tripped.	Replace fuse or reset circuit breaker.
	Dirty condenser coil.	Unplug unit and clean the condenser coil.
	Prolonged door opening or door ajar.	Ensure doors are closed when not in use. Avoid opening doors for long periods of time.
	Evaporator coil iced over.	Unplug unit and allow coil to defrost. Make sure thermostat is not set too cold. Ensure that door gasket(s) are sealing properly.
Unit is noisy.	Loose part(s).	Locate and tighten loose part(s).
	Tubing vibration.	Ensure tubing is free from contact with other tubing or components.





REFRIGERATION WARRANTY

TWO-YEAR LIMITED WARRANTY

Admiral Craft Equipment Limited Warranty, Two (2) Year Parts and Labor + Five (5) Year Compressor and Evaporator Pan.

Admiral Craft Equipment Corp. (ACE) warrants its equipment against defects in materials and workmanship, subject to the following conditions:

- ACE Equipment is warranted for two (2) years, effective from the date of purchase by the original owner. A copy of the original receipt or other proof of purchase is required to obtain warranty coverage. This warranty applies to the original owner only and is not assignable.
- Should any product fail to function in its intended manner under normal use within the limits defined in this warranty, at ACE's discretion, such product will be repaired, replaced with a refurbished unit, or replaced with a new unit by ACE, after defective unit has been inspected and defect has been confirmed.

THE FOLLOWING CONDITIONS ARE NOT COVERED BY THIS WARRANTY:

- Equipment failure relating to improper installation, improper utility connection or supply and problems due to improper ventilation.
- Equipment that has not properly been maintained, damage from improper cleaning, and water damage to controls.
- Equipment that has not been used in an appropriate manner, or has been subject to misuse, neglect, abuse, accident, alteration, negligence, damage during transit, delivery or installation, fire, flood, riot, or act of God.
- Equipment that has the model number or serial number removed or altered.
- Equipment on which the security seal has been broken.

ACE does not assume any liability for extended delays in replacing any item beyond its control. This warranty does not apply to rubber and non-metallic synthetic parts that may need to be replaced due to normal usage, wear, or lack of preventative maintenance.

This warranty covers products shipped into the 48 contiguous United States, Hawaii, and metropolitan areas of Alaska and Canada. Warranty coverage on products used outside the 48 contiguous United States, Hawaii and metropolitan areas of Alaska and Canada may vary. Contact ACE for details at 1-877-672-7740.

If the equipment has been changed, altered, modified, or repaired without express written permission from ACE, then the manufacturer shall not be liable for any damages to any person or to any property, which may result from the use of this equipment thereafter. This equipment is intended for commercial use only and this warranty is void if equipment is used in other than a commercial application.

WARRANTY CLAIMS & SERVICE

For warranty and non-warranty related issues please call ACE at 1-877-672-7740 to speak to technical support.

- When calling please have your model number, serial number, and proof of purchase ready.
- To purchase replacement parts, receive online technical support or fill out a warranty claim visit www.admiralcraft.com
- It is not necessary to contact the place where you originally purchased your product from.

"THE FOREGOING WARRANTY IS IN LIEU OF ANY AND ALL WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSES AND CONSTITUTES THE ENTIRE LIABILITY OF ACE. IN NO EVENT DOES THE LIMITED WARRANTY EXTEND BEYOND THE TERMS STATED HEREIN."

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