

USER MANUAL

Model: DURF

PRO-KOLD



UPRIGHT FREEZERS

- ◉ Use and care manual for upright freezers

*IMAGE FOR ILLUSTRATION PURPOSES ONLY

Included lines: INCLUDES LINES TVC

Carefully read this manual before
using cooler



USER MANUAL

CONTENT

PRO-KOLD

INTRODUCTION	3
SPECIFICATIONS	3
WARNINGS	3
KNOWING YOUR EQUIPMENT	4
INSTALLATION	4
OPERATION	5
USAGE RECOMMENDATIONS	7
MAINTENANCE AND CLEANING	8
EQUIPMENT PROBLEMS	9
WARRANTY POLICY	10

INTRODUCTION

READ ALL INSTRUCTIONS BEFORE USING

Your equipment is designed to maximize the display of your products maintaining their freshness thanks to the advanced gravity refrigeration system. We recommend the operation of the equipment within a climate-controlled environment for its optimum operation. A maximum temperature of 80.60°F is recommended; avoid exposure to direct sunlight or other sources of radiation or heat. The use of the equipment for the cooling of products at high temperature can result in serious damage of the equip.

SPECIFICATIONS

MODEL	DIMENSIONS					AMPS	COMP
	WIDTH	DEPHT	HEIGHT	WEIGHT (kg)			
Range of temperature: -4°F to 28.4°F (-20°C to -2°C)							
DURF16	30"	28 5/8"	80 3/4"	275.5 Lb	7.48 A	1/2 HP	
DURF32	54 1/4"	28 5/8"	80 3/4"	452 Lb	10.29 A	3/4 HP	

WARNINGS

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We recommend the installation of a voltage regulator.
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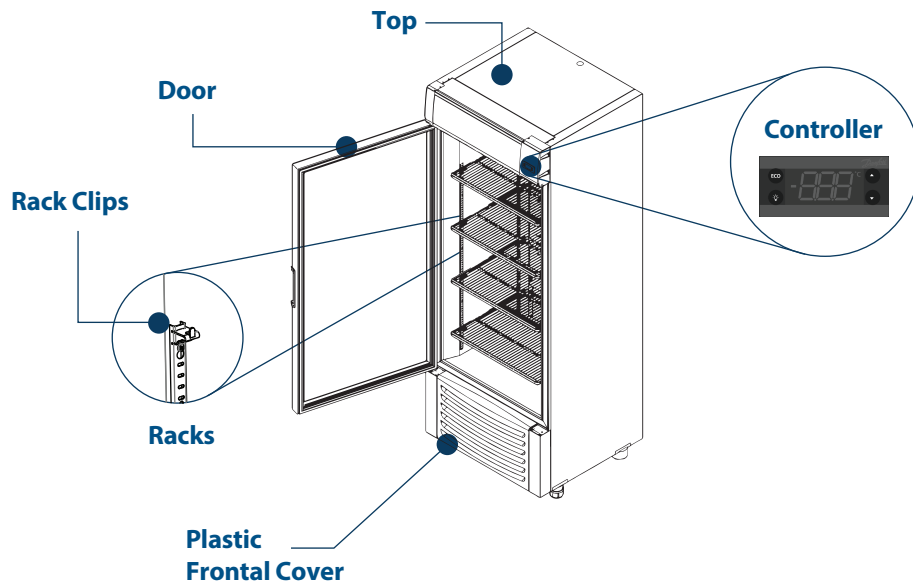
This equipment must not be used by minors or non-qualified personnel.
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Avoid power strips and/or extension cords.
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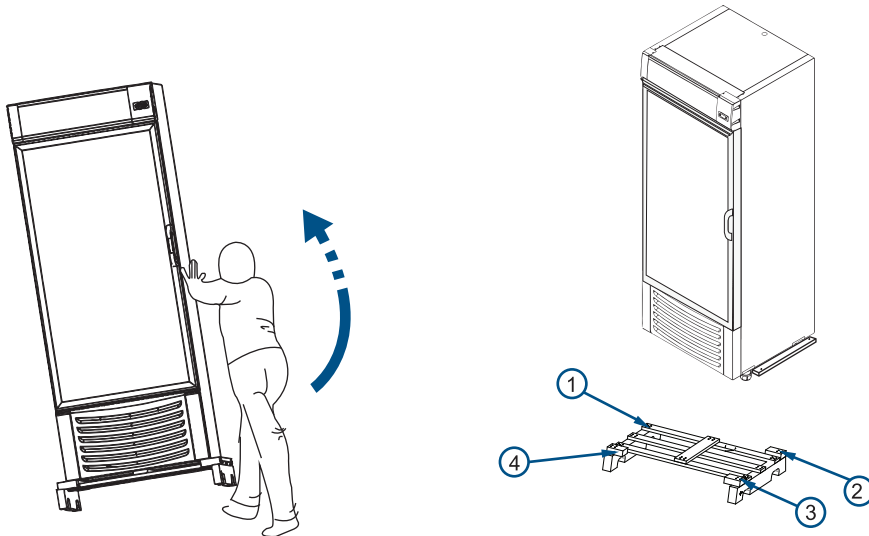
If an assembled piece (non-removable) needs to be removed, please contact an authorized service provider.
- 

If the voltage is not found to be within range, the control will se display an alarm. If this happens, it is necessary to install a voltage regulator between the power supply and the regulator.
- 

Disconnect power before servicing, replace all parts and panels before operating.
Failure to do so can result in death or electrical shock.

KNOWING YOUR EQUIPMENT**INSTALLATION****Steps to remove the floorboard/platform**

Make sure that the place where the equipment is to be installed is free of dust and is big enough to carry out the installation maneuvers. Verify that the installation place has a leveled floor that is rigid enough to support the weight of the equipment.

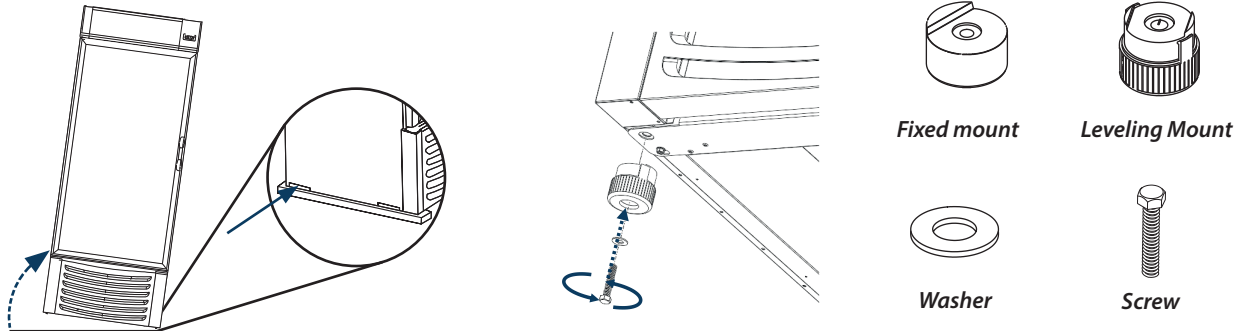


Incline the equipment, locate the screws and remove them with a screwdriver.

Once the screws are removed you may remove the floorboard/platform

Steps to install the leveling legs

In the interior of your equipment, you will find 4 black leveling legs, which you will be able to place easily. The steps to follow are the following:



1) Incline the refrigerator as shown. In the lower part of the equipment, you will find wooden platforms installed. Remove them with the help of a 1/2-inch wrench.

2) Place the legs as shown and adjust the height.

OPERATION

This equipment is configured in order to automatically defrost every 4 hours, however, if the controller needs to defrost before the established period of time, the equipment will do it automatically.

IMPORTANT: It is totally normal to see displayed the message “def” in the controller screen.

Once this period of time finishes, the controller will display the temperature again.



NU.	SHORT PRESS (1 SEC.)	LONG PRESS (3 SEC.)
1	ILLUMINATION ON/OFF	NO FUNCTION
2	NO FUNCTION	DEFROST MODE ON/OFF
3	INCREASE TEMPERATURE REFERENCE POINT	ALTERNATE BETWEEN C° AND F°
4	DECREASE TEMPERATURE REFERENCE POINT	NO FUNCTION

CHANGE SET POINT

Serves to modify the preset temperature on the inside of equipment.

Change the temperature reference point desired:



1. The display will show the current temperature.



2. Press “increase/decrease” (button 3 or 4) to access the reference point.

3. Press “increase/decrease” (button 3 or 4) to adjust the reference point.

After 30 seconds, the screen will show automatically the current temperature.

NOTE: The wrong reference point adjustment may cause an inadequate refrigeration, excessive energy consumption, turn alarms on and infractions to sanitation norms in case of food storage. Only a trained technician must modify parameters.

ALARM VISUALIZATION

Alarm code	Description	Action/Solution
Hi	High temperature alarm	Make sure the top cover is closed, if alarm persists, please call technical support.
Lo	Low temperature alarm	Call technical support.
dor	Door open alarm	Make sure the door is closed, if alarm persists, please call technical support.
uHi	High voltage alarm	Wait until supply voltage reestablishes, if alarm persists, the establishment electrical installation must be improved.
uLi	Low voltage alarm	Wait until supply voltage reestablishes, if alarm persists, the establishment electrical installation must be improved.
LEA	Compressor continuous running for more than “ALA-> LEA”	Call technical support.
E01	S1 " sensor failure (short or open)	Call technical support.
E02	S2 " sensor failure (short or open)	Call technical support.
E03	S3 " sensor failure	Call technical support.
E04	S4 " sensor failure (short or open)	Call technical support.
dEF	Device is defrosting (Fan keeps turned on during defrost including door opening.)	Wait until controller finishes defrosting.



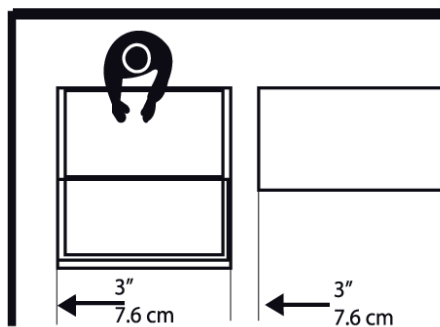
1. The screen shows an intermittent alarm message and the alarm indicator keeps on during this period of time.

USAGE RECOMMENDATIONS

Install the cooler in a ventilated and fresh place so that the cooler works in optimal conditions.

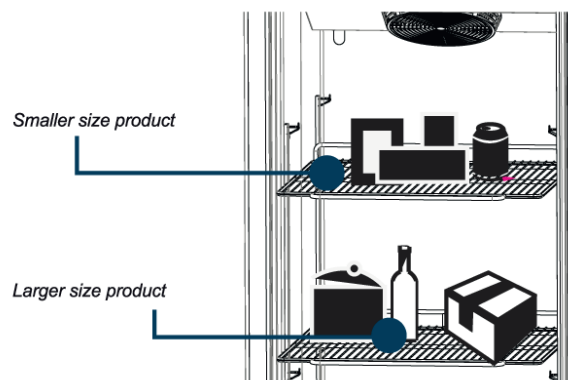
Air circulation

At the time of installation, make sure that there is at least 3" of separation between the sides and the black end of the equipment with any wall and 12" of separation between the top part and the ceiling. Place the equipment far from heat sources such as ovens, stoves and direct sunlight.



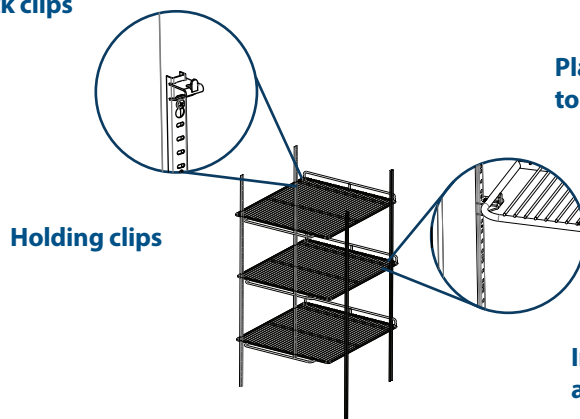
Accommodation and Product Load

We recommend placing the larger size products in the lower section and the smaller size products in the upper trays. Do not place carton, plastic or covers upon the trays; this blocks the air circulation making the equipment inefficient. If you place trays, do it preferably in the lower parts.



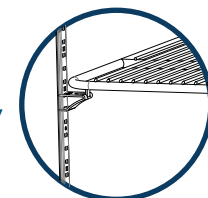
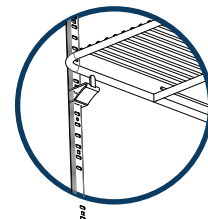
IMPORTANT!: Let the equipment stand (vertical position) for at least 24 hours before plugging in. This will allow the oil to come back to the compressor and prevent irreparable damages.

Rack clips



Place the racks over the clip to fit in place

Insert the clips downwards, as shown



IMPORTANT!: To carry put the cleaning or maintenance of your equipment, unplug the unit of the power source; falling to do so may cause serious damage.

Cleaning

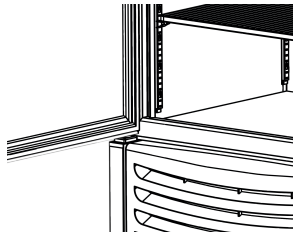
Clean glass and plastic frames with a rag, water and soap; then dry them with another soft rag. Do not use chemical products and/or metallic fabrics so as not to scratch them.

Maintenance

Check that the door auto-closing system of your refrigerator works properly by opening and closing the door. The door must return to its original position (closed). If it does not do this, call a technician.

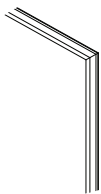
Remove the racks and the grills and clean them with water and soap using a sponge or rag. Rinse properly and dry them, do not use fabrics.

Self-closing

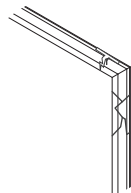


To remove, raise the grills from the holding clips

We recommend checking that the door gaskets do not show any cracks or damage; if so, proceed to change the gasket since this is blocking the air from going out to the exterior.



Correct



Incorrect

Note: Check the condensates tray located in the back of the unit. You should find only the pipe and condensed water; any other object must be removed.

EQUIPMENT PROBLEMS
PROBLEMS AND SOLUTIONS

PROBLEM	CAUSE	SOLUTION
The equipment does not to work (neither the lights nor he engines).	Plug connected incorrectly.	Check that the plug of the power cord makes good contact with the power source line.
	Plug in poor condition.	Replace for a new power cord.
	Broken harness cable / wire.	Call technical support.
Your equipment works but does not cool (the lights and fans do turn on).	The voltage is not within the specified range.	Verify the line voltage. If it is overloaded, eliminate the extra devices and, if possible, install a voltage regulator.
The equipment does not reach the temperature (33°F and 34°F) or keeps working and no stop.	The equipment just started working.	Please wait for 4 hours.
	The equipment has too many door openings in a short period of time.	Keep door closed as much time as possible to let refrigeration system time to reach a low temperature in the interior.
	The condenser is blocked by excess of dust and lint.	Call technical support.
	Controller does not work properly.	Call technical support.
	Condenser fan is not working.	It protects by high temperature, move the equipment to a ventilated place.
		Call technical support.
	Refrigerant leakage.	Call technical support.
LED lamp does not turn on when open the door.	LED lamp turned off manually because the button 1 (of the controller) was pressed.	Turn on the LED lamp by pressing button 1 of the controller.

WARRANTY POLICY**LIMITED WARRANTY STATEMENT****1 Year Parts/Labor Warranty**

Prokold Refrigeration, Inc. (hereafter "Pro kold") warrants to the original purchaser of every new Pro kold refrigerated unit (including the cabinet and all parts thereof) (hereafter "Unit") to be free from defects in material or workmanship. The Unit is a commercial Unit intended for commercial and/or industrial use only by trained and qualified personnel. Buyer assumes any and all responsibility for assuring that the Unit is used only by trained and qualified personnel. This Limited Warranty is enforceable only by the original purchaser of the Unit from an authorized Pro kold distributor and may not be enforced by any subsequent purchaser. Further, this limited warranty only covers defects in material or workmanship that arise (1) after proper installation and start-up in accordance with the instruction packet supplied by Pro kold with the Unit; (2) if proper maintenance is performed as specified by Pro kold in its instruction packet and (3) as long as the Unit is subjected only to normal and proper use as provided for in the instruction packet supplied with each Pro kold Unit.

Pro kold's obligation under this warranty is limited to a period of one (1) year from the date of original purchase or fifteen (15) months after shipment date from Pro kold, whichever occurs first. The sole obligation of Pro kold under this warranty is limited to repair or replacement, including labor charges, of the defective parts, assemblies or unit at Pro kold's sole discretion. The labor warranty shall include (1) standard straight time labor charges only and (2) "reasonable" travel time. "Reasonable" travel time shall be determined by Pro kold on a case-by-case basis.

WARRANTY CLAIM PROCEDURE

All claims for labor or parts must be made directly to Pro kold. All claims shall include: (1) model number of the unit; (2) the serial number of the cabinet; (3) proof of purchase; (4) and all pertinent information supporting the existence of the alleged defect. In case of warranty compressor, Pro kold y will either request the compressor or compressor tag be returned to Pro kold y along with above listed information.

Any action for breach of these warranty provisions must be commenced within one (1) year after the cause of the action has occurred.

The product should be delivered in its original packaging or in a packaging affording an equal degree of protection.

Transportation and insurance charges to and from the Pro kold service center, if needed, are not included in this warranty.

ADDITIONAL FOUR YEAR COMPRESSOR WARRANTY

In addition to the one (1) year warranty stated above, Pro kold also warrants its hermetically sealed compressor to be free from defects in both material and workmanship under normal and proper use and maintenance service for a period of four (4) years from the date of original purchase but not to exceed 5 (five) years and three (3) months after shipment from the manufacturer. The compressor warranty is subject to any and all of the conditions, prerequisites and limitations of the one (1) year warranty listed above.

Compressors determined by Pro kold to have been defective within this extended time period will, at Pro kold's option, be either repaired or replaced with a compressor or compressor parts of similar design and capacity.

The four (4) year extended compressor warranty applies only to hermetically sealed parts of the compressor and does not apply to any other parts or components, included, but not limited to, cabinet, paint finish, temperature control, refrigerant, metering device, driers, motor starting equipment, fan assembly, heaters, fan assembly or any other electrical component, etcetera.

404A/134A COMPRESSOR WARRANTY

The four (4) year compressor warranty detailed above will be voided if the following procedure is not strictly adhered to:

1- This system contains R404A, R22 or R134A refrigerant and Polyol ester lubricant. The Polyol ester lubricant has rapid moisture absorbing qualities. If long exposure to the ambient conditions occurs, the lubricant must be removed and replaced with new lubricant. For oil amounts and specifications please call Pro kold Technical Support Department (713-691 1195). Failure to strictly comply with recommended lubricant specification voids the compressor warranty.

2- Drier replacement is very important and must be changed when a system is opened for servicing. A drier using XH-7 desiccant or an exact replacement solid core drier must be used. The new drier must also be the same capacity as the drier being replaced. Failure to strictly comply with this direction voids the compressor warranty.

3- Micron level vacuums must be achieved to insure low moisture levels in the system. 500 microns or lower must be obtained.

4- Compressor must be obtained through Pro kold, unless otherwise specified in writing through Pro kold Technical Support Department.

WHAT IS NOT COVERED BY THIS WARRANTY

THIS EXPRESS LIMITED WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY MADE BY PROKOLD REGARDING THE UNIT AT ISSUE. ALL OTHER WARRANTIES, WHETHER STATUTORY, ORAL, EXPRESS OR IMPLIED, ARE EXPRESSLY DISCLAIMED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTY OF MERCHANTABILITY AND IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

As provided above, Pro kold's sole obligation under this warranty is limited to either repair or replace parts or unit at Pro kold's discretion, subject to the additional limitations below.

This warranty neither assumes nor authorizes any person to assume obligations other than those expressly covered by this warranty.

- WEAR PARTS: This warranty does not cover wear parts, which due to the nature of the machine, have limited usable life and have to be replaced on a use and wear basis.

- PERIODIC MAINTENANCE: Periodic and Recommended Maintenance of the equipment including, but not limited lost parts, misuse and abuse, adjustments, improper installation, and normal wear are not covered under this warranty.

- NO SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES: Pro kold is not responsible for any economic loss, including but not limited to: special, incidental or consequential damages (see Limitation of Liability section) whether or not on account of scale failure.
- WARRANTY IS NOT TRANSFERABLE: This warranty is not assignable and applies only in favor of the original purchaser/user to whom delivered. Any such assignment or transfer shall void the warranties herein made and shall void all warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose.
- IMPROPER USAGE: Pro kold assumes no liability for parts or labor coverage for component failure or other damages resulting from improper usage or installation or failure to clean and/or maintain Unit as set forth in the warranty packet provided with the unit.
- ALTERATION, NEGLIGENCE, ABUSE, MISUSE, ACCIDENT, DAMAGE DURING TRANSIT OR INSTALLATION, FIRE, FLOOD, ACTS OF GOD. Pro kold is not responsible for the repair or replacement of any parts that Pro kold determines have been subjected after the date of manufacture to alteration, neglect, abuse, misuse, accident, damage during transit or installation, fire, flood, or act of God.
- PREVIOUS REPAIR. Pro kold shall not be responsible under this Warranty if the Unit has been previously repaired by someone other than Prokold or Warrantor's authorized service personnel.
- IMPROPER ELECTRICAL CONNECTIONS. Pro kold is not responsible for the repair or replacement of failed or damaged components resulting from electrical power failure, the use of extension cords, low voltage, voltage drops to the unit.
- NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE: This warranty is exclusive and in lieu of all other warranties, including but not limited to the implied warranty of merchantability and the implied warranty of fitness for a particular purpose. There are no warranties which extend beyond the description on the face hereof.

REGULATORY LAWS AND/OR STANDARDS

The performance of the parties hereto is subject to the laws of the United States. The company takes reasonable steps to keep its Units in conformity with various nationally recognized standards and such regulations which may affect its Units. However, the company recognizes that its Units are utilized in many regulated applications and that from time to time standards and regulations are in conflict with each other. Pro kold makes no promise or representation that its Unit will conform to any federal, state or local laws, ordinances, regulations, codes or standards except as particularly specified and agreed upon in writing as a part of the contract between The Buyer and Pro kold. Pro kold prices do not include the cost of any related inspections or permits or inspections fees.

OUTSIDE U.S. and CANADA: This warranty does not apply to, and Pro kold is not responsible for, any warranty claims made on Units sold or used outside the United States or Canada.

LIMITATION OF LIABILITY:

Buyer's remedies set forth in this Limited Warranty are exclusive and Pro kold's aggregate liability for any claim of any kind for any loss or damage resulting from, arising out of, or connected with the performance of the Unit or from the manufacture, sale, delivery, resale, repair or use of the Unit whether based on contract, statute, warranty, tort (including but not limited to negligence), fault, strict liability, indemnity, or otherwise shall in no event exceed the price allocable to the Unit which gave rise to the claim. In no event shall Pro kold be liable to the Buyer for special, incidental or consequential damages of any kind or nature including, but not limited to: recovery of monetary damages, loss of profits or revenue or business opportunity, loss by reason of shutdown of facilities or inability to operate at full capacity, cost of obtaining replacement equipment, cost of cover or cost to other damaged equipment or property, and repair, replacement, and/or restoration of any materials, equipment, property, or work furnished by anyone other than Pro kold even if it is necessary to repair, replace, restore, remove, damage, and/or otherwise affect such materials, equipment, property, or work in order to complete repairs, replacement, and/or restoration of those furnished by Warrantor.

Pro kold's limited liability under this Limited Warranty is valid and enforceable even if the limited remedy provided in this Limited Warranty is determined to have failed of its essential purpose.

NOTES

NOTES



PROKOLD USA

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AMERICA

EUROPE

ASIA

AFRICA

OCEANIA

<https://www.pro-kold.net/>