



TGO-27-POP01~TSL01



TGO-30-POP01~TSL01

⚠ WARNING!



Be sure to read and fully understand this document before installing, operating, maintaining or servicing this appliance. Failure to do so can result in appliance failure, property damage, serious injury or death. Appliance failure, injury or property damage due to improper installation is not covered by warranty.

📌 USER ACTION!

TRUE tracks the history of your appliance by its serial number. For easy reference, record your appliances full model name and serial number below. This information is on your serial label. Serial label location varies by appliance.

Model Name:

Serial Number:

True Manufacturing Co., Inc.

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INSTALLATION MANUAL

TGO-POP01~TSL01

Original Instructions

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THANK YOU

FOR YOUR PURCHASE

Congratulations!

The primary purpose of this document is to assist the installation, maintenance, and servicing of your TRUE appliance. This document contains information important to safety, operation, maintenance, and servicing. **DO NOT** discard this document. TRUE is solely the appliance manufacturer. For assistance finding a qualified technician, please visit our Service Company Locator at truemfg.com/support/service-locator.

NOTICE!

Your appliance may not exactly match the figures shown in this manual.

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Preface

The warning, guidelines, and recommendations within this document are meant to prevent appliance damage, injury, or death. Please carefully read all warnings, guidelines, and recommendations before proceeding to ensure the continued safe use and maintenance of your TRUE appliance.

Signal & Symbol Definitions

Below are symbols you may see in this document. Some symbols may not appear.

Signal Word Definitions	
DANGER!	An imminently hazardous situation which, if not avoided, will result in serious injury or death.
WARNING!	A potentially hazardous situation which, if not avoided, can result in serious injury or death.
CAUTION!	A potentially hazardous situation which, if not avoided, may result in minor or moderate injury; an unsafe practice.
USER ACTION!	User action alert, follow all recommendations to avoid appliance or product damage.
NOTICE!	Important information not related to hazards or risk of personal injury.

Safety Symbols	
	Safety alert; alerts reader to potential physical injury hazards. Obey all safety messages following this symbol to avoid possible injury or death.
	Flammable material; fire hazard.
	Electrical shock hazard.
	Tipping hazard; tip-over hazard.
	Sharp element; cut or sever hazard.
	Eye hazard; risk of eye injury.
	Exploding pressurized cylinder hazard.
	Slippery surface hazard.
	Crush or cut hazard.

Additional Symbols	
	Mandatory action alert symbol; alerts reader to required or recommended actions. Obey all messages and recommendations following this symbol to avoid appliance or product damage.
	Important information not related to hazards or risk of personal injury.
	Review and understand the installation manual before installing, operating, or servicing.
	Wear eye protection .
	Wear protective gloves .
	Secure gas cylinders to prevent falling cylinders.
	DO NOT use extension cord.
	DO NOT use adaptor plugs.
	DO NOT dispose of with other household waste.

Important Safety Information

Important Safety Information

Basic Safety & Operation Warnings

Follow basic safety precautions, including the following, to reduce risk of personal injury, electric shock, fire, or death.

⚠ WARNING!



Be sure to read and fully understand this document before installing, operating, maintaining, or servicing this appliance. Failure to do so can result in appliance failure, property damage, serious injury, or death. Appliance failure, personal injury, or property damage due to improper installation is not covered by warranty.

- Failure to install, operate, and maintain the appliance as detailed in this document will negatively affect safety, appliance performance, component life, and warranty coverage.
- The appliance must be installed in accordance with all applicable laws, codes, and regulations.
- The manufacturer cannot be held responsible for injury or damage resulting from improper, incorrect, and unreasonable use.
- This appliance is not to be used, cleaned, or maintained by persons (including children) with reduced physical, sensory, or mental capabilities or lack of experience and knowledge, without proper supervision or instruction.
- **DO NOT** install or operate equipment that has been misused, abused, neglected, damaged, or altered/modified from original manufactured specifications.
- **DO NOT** modify or alter the appliance. Improper alterations can result in electric shock, personal injury, fire, or death.
- **DO NOT** use electrical appliances inside the food storage compartments of the appliance unless the appliances are approved by the manufacturer.
- The appliance owner is responsible for performing a Personal Protective Equipment (PPE) Hazard Assessment and to ensure adequate protection during maintenance and cleaning procedures.
- Use appropriate tools, safety equipment, and PPE during installation and servicing.
- Only use the appliance for its intended purpose as described in this document. Failure to do so may result in equipment damage, personal injury, or death.
- Overloading, incorrectly installing, or improperly loading shelves can cause shelf failure (as well as negatively affect the appliance's operation), resulting in appliance damage, product damage, or personal injury.
- Keep the area surrounding the appliance clean to avoid appliance damage from debris or pests.

Important Safety Information (cont.)

Emergency Release Pull Cord Operation

⚠ WARNING!	
	<p>Risk of Entrapment. In case of emergency, the door may be unlocked and opened from the inside with the pull cord. The emergency release pull cord is located near the Emergency Release sticker on the inner sidewall of the appliance. See figs. 1 and 2.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Fig. 1. Emergency release identification sticker. Found on inner sidewall of the appliance.</p> </div> <div style="text-align: center;">  <p>Fig. 2. Emergency release cord location.</p> </div> </div>

Personal Injury Warnings

Only qualified technicians should install and service the appliance. For assistance finding a qualified technician, please visit our Service Company Locator at truemfg.com/support/service-locator. TRUE is solely the appliance manufacturer and is not responsible for installation.

⚠ DANGER!	
	<p>DO NOT allow children to play with or in the appliance. Child entrapment or personal injury can occur.</p>
	<p>DO NOT store or use the following in the vicinity of this or any other appliance:</p> <ul style="list-style-type: none"> • Gasoline or other flammable vapors and liquids • Combustible or explosive substances, such as aerosol cans with a flammable propellant • Other volatile or flammable substances
 	<p>Contact TRUE Manufacturing to locate refrigerant lines and electrical wiring before drilling, cutting or puncturing interior or exterior walls. Failure to do so could result in damage, personal injury, or death.</p>

Important Safety Information (cont.)

Personal Injury Warnings (cont.)

⚠ WARNING!	
	<p>Only qualified technicians should install and service the appliance.</p> <ul style="list-style-type: none"> Use appropriate tools, safety equipment, and personal protective equipment (PPE) during installation and servicing. DO NOT touch the cold surfaces in the freezer compartment when hands are damp or wet. Skin may stick to extremely cold surfaces.
	<p>This product can expose you to chemicals including Di-(2-Ethyl hexyl) Phthalate (DEHP), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to p65warnings.ca.gov.</p>
	<p>Slippery Surfaces! Moisture from improper drainage can create slippery surfaces near the appliance. It is your duty to immediately warn your customers of, and dry, the slippery surface. All wet floor areas must be marked with a wet floor sign.</p>
	<p>Sharp edges! Take care when moving, installing, cleaning, servicing, and maintaining the appliance to avoid cuts. Be sure to take care when reaching under the appliance or handling metal components.</p> <ul style="list-style-type: none"> Keep fingers out of pinch point areas, such as the space between appliance doors and surrounding cabinetry. Take care closing doors with children nearby.
	<p>Tip over hazard! Appliance may pose a tipping hazard when uncrating, installing, or moving the appliance. Take appropriate safety precautions. Use of tip over restraints may only reduce (not eliminate) the tipping hazard. Never allow children to climb or hang on drawers, doors, or shelves.</p>
	<p>Crush or cut hazard! Keep clear when uncrating, installing, moving, or servicing the appliance.</p>
	<p>Risk of electric shock or burn! See "Electrical Safety Warnings" for more information.</p>

Important Safety Information (cont.)

Appliance Disposal Warnings

⚠ DANGER!	
	<p>Risk of child entrapment!</p> <p>Children can get trapped inside discarded appliances and suffocate. Never dispose of your appliance without taking precautions to prevent child entrapment, even if the appliance only sits unattended for a short period of time.</p> <p>Child entrapment precautions include the following:</p> <ul style="list-style-type: none"> Remove all doors (or drawers for drawer appliances). Leave all interior drawers and shelving in place to make climbing (and fitting) inside the appliance more difficult.
	<p>Risk of fire or explosion! Flammable refrigerant and insulation used. Dispose of in accordance with all applicable laws, codes, and regulations. Follow all safety precautions associated with handling flammable refrigerant and insulation.</p>
	<p>DO NOT dispose of your appliance with household waste.</p>



Hydrocarbon Refrigerant Warnings

TRUE appliances use hydrocarbon refrigerant (R-290/513A/600a). Check the serial label to identify the appliance's refrigerant. Serial label location varies by model.

⚠ DANGER!	
	<p>Risk of fire or explosion! Flammable refrigerant used.</p> <ul style="list-style-type: none"> All servicing and maintenance must be performed by qualified technicians. This is to minimize the risk of fire or personal injury due to incorrect parts or improper service. Check the serial label to identify the appliance's refrigerant. Serial label location varies by model. DO NOT damage the refrigeration system during transportation and installation. If the appliance is damaged, verify the refrigeration system's integrity is not compromised before proceeding. Never use sharp objects or tools to remove ice or frost. DO NOT use mechanical devices to accelerate defrost. Dispose of in accordance with all applicable laws, codes, and regulations. Follow all safety precautions associated with handling flammable refrigerant. DO NOT use electrical appliances inside the food storage compartments of the appliances unless the appliances are of the type recommended by the manufacturer.

Important Safety Information (cont.)

Electrical Safety Warnings

⚠ WARNING!



Risk of electric shock, burn, or fire!



- It is the appliance owner's responsibility to ensure the electrical connection meets all applicable building codes. Failure to meet these code requirements can result in appliance damage, fire, electric shock or burns, serious personal injury, or death.
- Before connecting your appliance to the power supply, verify the supply voltage and circuit rating match the appliance. Correct improper supply voltage or circuit size immediately.
- Before connecting your appliance to the power supply, verify the power supply is correctly grounded. If the power supply is not grounded, correct immediately. TRUE recommends hiring a qualified electrician to inspect your wall outlet and circuit to ensure they are properly grounded.
- **DO NOT** clean appliance with a pressure washer or hose. **DO NOT** immerse power cord in water.
- Powering off an electronic control or setting temperature controls to 0 (off position) does not remove power from all components. Unplug the appliance or turn off the power supply before installation or servicing.
- The appliance should receive power from its own individual dedicated electrical circuit. This provides the best performance and prevents overloading the power supply.
- **The original equipment manufacturer (OEM) power cord has a grounding plug to minimize the possibility of electrical shock.**
 - Never remove the ground prong from the power cord! For personal safety, this appliance must be properly grounded.
 - **Never use an extension cord!** An extension cord is any component that adds length to the OEM power cord when connecting the cord to a power source.
 - **Never use an adapter plug!** An adapter plug alters the OEM plug configuration when connecting the plug to a power source.
- **Never use a power cord that shows cracks or abrasion damage along its length or at either end.**
 - Immediately have a qualified technician replace damaged OEM power cords with OEM components.
 - Never unplug your appliance by pulling on the power cord. Always grip the plug and pull the plug straight out of the outlet.
 - Take care to prevent rolling over or damaging the power cord when moving the appliance.
 - Never use the power cord to prevent appliance movement. Always use adequate means to keep the appliance in place without transmitting stress to the power cord.
 - Keep power cord away from heated surfaces.
 - **DO NOT** let power cord hang over edge of table or counter.
 - **DO NOT** excessively bend or place heavy articles on the power cord.

ⓘ NOTICE!



TRUE will not warranty the following:

- Compressor failures due to improper incoming voltage.
- Appliance with tampered OEM power cords.
- Appliance connected to adapters or extension cords.

For more details, see TRUE's full warranty statement.

About Your Appliance & Installation Requirements

About Your Appliance & Installation Requirements

! USER ACTION!



TRUE is not responsible for damage incurred during shipment. Always carefully inspect for freight damage before receiving and installing your appliance. If there is damage, note all damage on the delivery receipt, immediately file a claim with the delivery freight carrier, and contact TRUE. **Do not install the appliance or put it in service.**

Thank you for choosing TRUE Manufacturing to meet your refrigeration needs. TRUE highly recommends a qualified technician and electrician install your appliance to ensure correct installation. The cost of professional installation is money well spent. Only qualified technicians should install and service the appliance.

For assistance finding a qualified technician, please visit our Service Company Locator at truemfg.com/support/service-locator. TRUE is solely the appliance manufacturer and is not responsible for installation.

The appliance owner is responsible for proper installation and maintaining the appliance as described in this document. Routine care and maintenance procedures are not covered by TRUE's warranty.

Appliance Specifications

Some things to know about your appliance are as follows:

- Appliance tested for IEC EN 60335-2-89 Climate Class 5 [109°F (43°C) temperature, 40% relative humidity] for safety.
- Appliance tested on EN 23953-2:2015 Climate Class 3 [77°F (25°C) temperature, 55% relative humidity] for performance.
- For proper operation, ambient temperatures shall not be less than 60°F (15.5°C)
- Appliance is not for the storage and/or display of potentially hazardous foods when the temperature control is set above 41°F (5°C).
- Appliance is not suitable for outdoor use, unless otherwise stated on the serial label.
- Appliance is not suitable for an area where a pressure washer or hose may be used.
- Always plug the appliance into its own individual dedicated electrical circuit!
- **DO NOT** use extension cords or adapter plugs.
- Before connecting your appliance to the power supply, verify the incoming voltage ($\pm 5\%$) and the amps match the operation ratings on the appliance's serial label. Correct improper incoming voltage or amps immediately. Serial label location varies by model.
- Before connecting your appliance to the power supply, verify the power supply is correctly grounded. If the power supply is not grounded, correct immediately.
- Ensure the installation location will provide adequate clearances and sufficient airflow for the appliance. See "Clearances" (pg. 11).
- Read and follow all warnings and maintenance instructions. Failure to do so may result in damage and void the warranty on your appliance.

About Your Appliance & Installation Requirements (cont.)

Clearances

! NOTICE!	
!	<p>Warranty is void if ventilation is insufficient.</p> <p>Be sure your appliance has the required surrounding clearances for ventilation purposes. Keep all ventilation openings in the appliance enclosure or structure housing the appliance clear of obstruction.</p>

MODEL	TOP	SIDES	BACK
TGO Freezer	12" Open (304.8 mm)	0" (0 mm)	3" (76.2 mm)
TGO Refrigerator	0" (0 mm)	0" (0 mm)	1" (25.4 mm)

About Your Appliance & Installation Requirements (cont.)

Electrical Requirements

ⓘ USER ACTION!



Find a copy of the wiring diagram with our serial number lookup at truemfg.com/support/serial-number-lookup.

Wire gauge chart (115V)

115 Volts	Distance in Feet to Center of Load											
AMPS	20	30	40	50	60	70	80	90	100	120	140	160
2	14	14	14	14	14	14	14	14	14	14	14	14
3	14	14	14	14	14	14	14	14	14	14	14	12
4	14	14	14	14	14	14	14	14	14	12	12	12
5	14	14	14	14	14	14	14	12	12	12	10	10
6	14	14	14	14	14	14	12	12	12	10	10	10
7	14	14	14	14	14	12	12	12	10	10	10	8
8	14	14	14	14	12	12	12	10	10	10	8	8
9	14	14	14	12	12	12	10	10	10	8	8	8
10	14	14	14	12	12	10	10	10	10	8	8	8
12	14	14	12	12	10	10	10	8	8	8	8	6
14	12	12	12	10	10	10	8	8	8	6	6	6
16	12	12	12	10	10	8	8	8	8	6	6	6
18	12	12	10	10	8	8	8	8	8	8	8	5
20	12	12	10	10	8	8	8	6	6	6	5	5
25	10	10	10	8	8	6	6	6	6	5	4	4
30	10	10	8	8	6	6	6	6	5	4	4	3

Wire gauge chart (230V)

230 Volts	Distance in Feet to Center of Load											
AMPS	20	30	40	50	60	70	80	90	100	120	140	160
5	14	14	14	14	14	14	14	14	14	14	14	14
6	14	14	14	14	14	14	14	14	14	14	14	12
7	14	14	14	14	14	14	14	14	14	14	12	12
8	14	14	14	14	14	14	14	14	14	12	12	12
9	14	14	14	14	14	14	14	14	12	12	12	10
10	14	14	14	14	14	14	14	12	12	12	10	10
12	14	14	14	14	14	14	12	12	12	10	10	10
14	12	12	12	12	12	12	12	12	10	10	10	8
16	12	12	12	12	12	12	12	10	10	10	8	8
18	12	12	12	12	12	10	10	10	10	8	8	8
20	12	12	12	12	10	10	10	10	10	8	8	8
25	10	10	10	10	10	10	10	10	8	8	6	6
30	10	10	10	10	10	8	8	8	6	6	6	6

Electrical Installation & Safety

NEMA Plug Configurations

60 HZ USE ONLY!

TRUE uses these types of NEMA plugs shown. If you **DO NOT** have the proper outlet, have a licensed electrician verify and install the correct power source.



115/60/1
NEMA-5-15R



115/208-230/1
NEMA-14-20R



115/60/1
NEMA-5-20R



208-230/60/1
NEMA-6-15R

International (IEC) Plugs Only

International appliances may be supplied with a power cord that will require installation. Install this cord before connecting the appliance to a power source.

NOTICE > International plug configurations will vary by country and voltage.

Installation

Fully seat the power cord into the appliance receptacle until it locks in position. See fig. 1.

Removal

Depress the red button. See fig. 2.

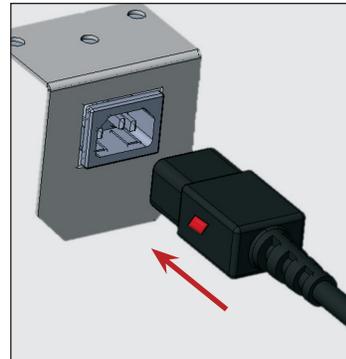


Fig. 1. Fully insert the power cord into the receptacle.

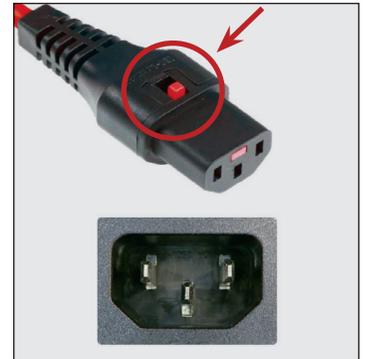


Fig. 2. Push the red button to remove the plug.

About Your Appliance & Installation Requirements (cont.)

Wiring Instruction Advisement (115V only)

⚠ WARNING!



Electrical shock or burn hazard! Unplug the appliance or turn off the power supply before proceeding.

ⓘ USER ACTION!



It is the customer's responsibility to make sure receptacle wiring meets all local electrical codes.

TRUE recommends **hiring a licensed qualified electrician** to make this change.

ⓘ NOTICE!



Power cord conversion kit available for purchase to match current installation location's wiring configuration.

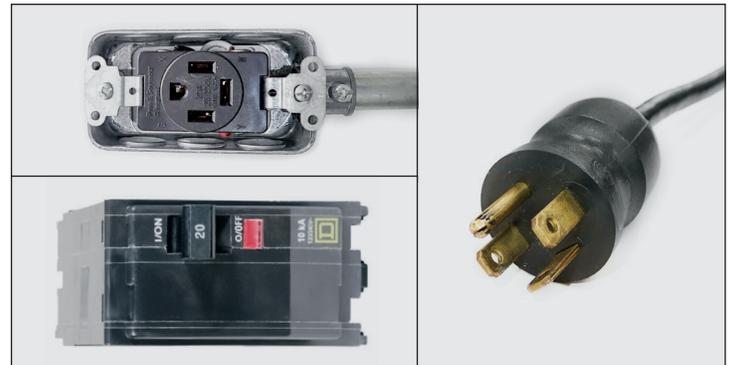


Fig. 1. 4-wire configuration and 4-prong NEMA 14-20P/20R.

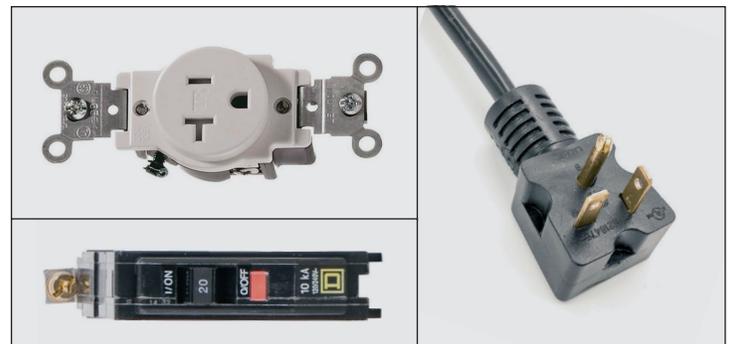


Fig. 2. 3-wire configuration and 3-prong NEMA 5-20P/20R.

Follow the instructions below to convert your TRUE appliance from a 4-wire circuit and a 4-prong NEMA 14-20P (see components in fig. 1) to a 3-wire circuit and a 3-prong NEMA 5-20P (see components in fig. 2).

Wiring Conversion

Receptacle Box

1. Turn off the circuit breaker.
2. Disconnect the existing receptacle.
3. Cap the red wire.
4. Connect the black, white, and green wires to the 3-prong NEMA 5-20P plug per instructions on the receptacle.

Breaker Panel

1. Disconnect and remove the existing double-pole breaker.
2. Install a single-pole breaker.
3. Connect the black wire to the replacement breaker.
4. Cap the red wire.
5. Turn on the circuit breaker.

Installation & Setup

Installation & Setup

⚠ WARNING!	
 	<p>The appliance owner is responsible for performing a Personal Protective Equipment (PPE) hazard Assessment and to ensure adequate protection during maintenance and cleaning procedures.</p> <p>Use appropriate tools, safety equipment, and PPE during installation and servicing.</p>
	<p>Sharp edges! Take care when moving, installing, cleaning, servicing and maintaining the appliance to avoid cuts. Be sure to take care when reaching under the appliance or handling metal components. Keep fingers out of pinch point areas, such as the space between appliance doors and surrounding appliances. Take care closing doors with children nearby.</p>
	<p>Risk of electrical shock or burn! Powering off an electronic control or setting temperature controls to the 0 (off) position does not remove power from all components. Unplug the appliance or turn off the power supply before installation or servicing.</p>
	<p>Tip over hazard! Appliance may pose a tipping hazard when uncrating, installing or moving the appliance. Take appropriate safety precautions. Use of tip over restraints may only reduce (not eliminate) the tipping hazard. Never allow children to climb or hang on drawers, doors or shelves.</p>
	<p>Crush or cut hazard! Keep clear when uncrating, installing, moving, or servicing the appliance.</p>

Uncrating

ⓘ USER ACTION!	
	<ul style="list-style-type: none"> • If the appliance is damaged, note all damage on the delivery receipt, immediately file a claim with the delivery freight carrier, and contact TRUE. DO NOT install the appliance or put it in service. • If the appliance is laid on its back or side, be sure to leave the appliance upright twice the time it has been laying down (up to four (4) hours) before plugging the appliance into a power source. If this time exceeds four (4) hours, let the appliance sit upright for 24 hours before powering the appliance.

ⓘ NOTICE!	
	<p>Keys for appliances with door locks are located in the warranty packet.</p>

Required Tools

Required tools include (but may not be limited to) the following:

- Adjustable wrench
- Phillips screwdriver

Installation & Setup (cont.)

Procedure

1. Remove the outer packaging (cardboard and bubble wrap or Styrofoam corner and clear plastic). See fig. 1. Inspect for concealed damage. **Again, immediately file a claim with the freight carrier if there is damage.**

NOTICE > **DO NOT** remove the shipping bracket (glass swing doors; fig. 2) until the appliance is installed in its final location. **Do not discard;** use the brackets when next moving the appliance.

2. With an adjustable wrench, remove all shipping bolts securing the wood skid to the bottom of the appliance. See fig. 3.

NOTICE > Move the appliance as close as possible to the final location before removing the wooden skid. Some models may require removing the front and/or rear grill/cover to access the shipping bolts.

3. If leveling legs or castors **will not be used**, remove the appliance from the wood skid and set the skid aside.

NOTICE > **DO NOT** lift the appliance by the counter tops, doors, drawers, or grills.

If leveling legs or castors **will be used**, rotate the appliance on the skid (see fig. 4) and see the installation instructions on pg. 17.

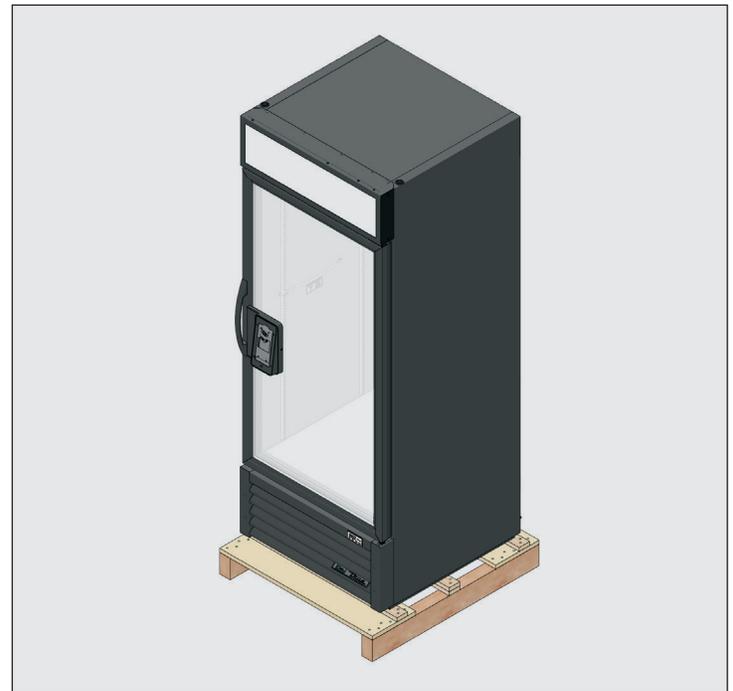


Fig. 1. Remove the exterior packaging.



Fig. 2. Remove the glass swing door shipping bracket, if so equipped. Do not discard.

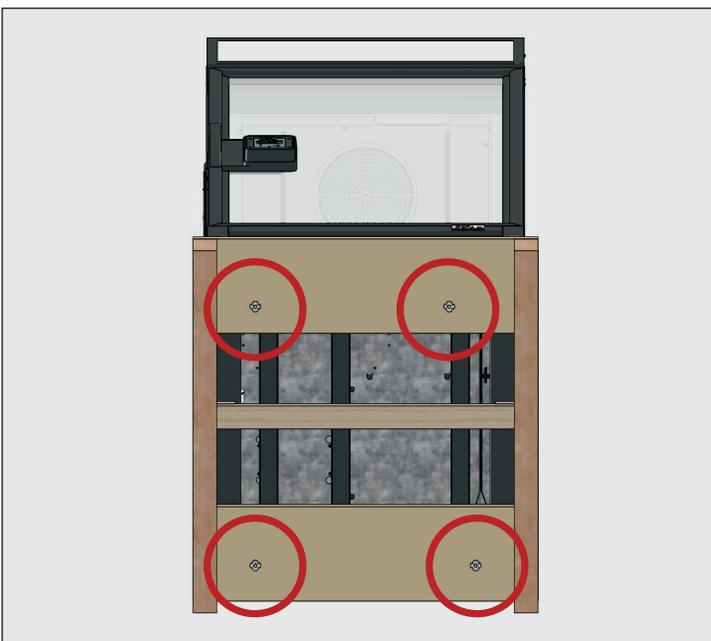


Fig. 3. Shipping bolt locations.



Fig. 4. When lifting appliance, do not use countertops, doors/drawers, or grills as a lifting point.

Installation & Setup (cont.)

Appliance Location

- Ensure that the drain hose or hoses are positioned in the pan.
- Free the plug and cord from inside the lower rear of the appliance (**DO NOT** plug in).
- Place the appliance close enough to the electrical supply so that extension cords are never used.

Leveling Screw, Leg, or Castor Installation

⚠ WARNING!



Tipping hazard! ALWAYS verify center leveling screws fully contact the floor after leveling the appliance.

Leveling legs are provided to assist with leveling the appliance. Adjustable legs provide 6" (152 mm) of clearance under the appliance. Castors provide appliance mobility.

Required Tools

Required tools include (but may not be limited to) the following:

- Adjustable Wrench

Procedure – Leveling Screws

If leveling screws are not factory installed, then, with access to the appliance bottom, install the leveling screws into the threaded holes in the frame rail or appliance bottom. See figs. 1–3.

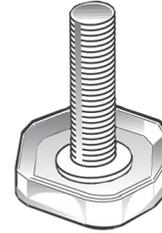


Fig. 1. Leveling screw.

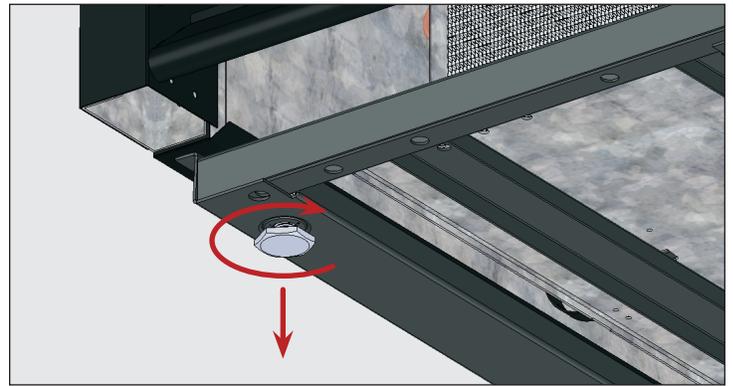


Fig. 2. Turn the leveling screws clockwise to lower the appliance.

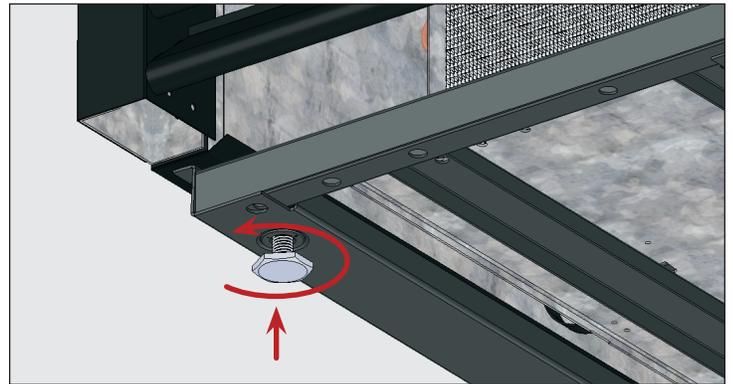


Fig. 3. Turn the leveling screws counterclockwise to raise the appliance.

Installation & Setup (cont.)

Procedure – 6" (152 mm) Leveling Legs

1. Access the appliance bottom.
2. If present, remove the leveling screws.
3. Thread the leveling legs into the frame rail or appliance bottom. See figs. 4 and 5.
4. Verify that the appliance is level. See "Level the Appliance" (pg. 18).
5. If the appliance is not level, gently lift and support the low end of the appliance. Then, with an adjustable wrench, screw the leveling leg bottom stems in or out to level and support the appliance. See fig. 4 and 6.

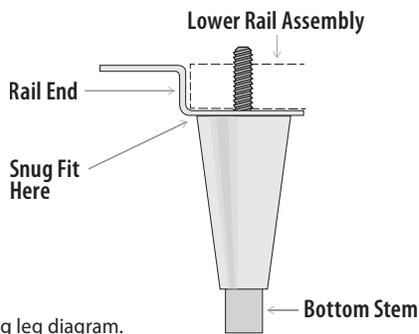


Fig. 4. Leveling leg diagram.

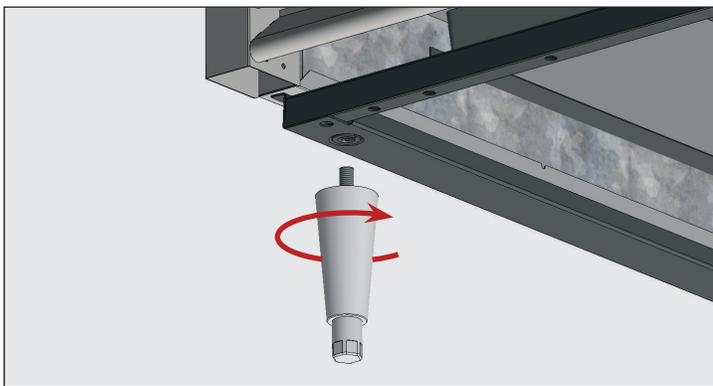


Fig. 5. Screw the leveling legs into the threaded holes.

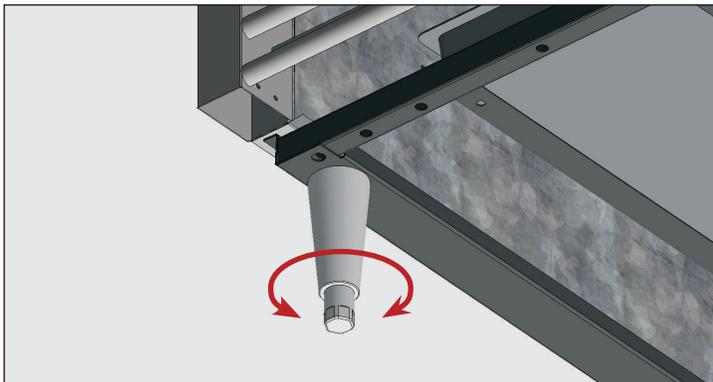


Fig. 6. Turn the bottom stem to level the appliance.

Procedure — Castors

! USER ACTION!

!	Install castors with brakes in the front.
---	---

1. Access the appliance bottom.
2. If present, remove the leveling screws.
3. Thread the castors into the frame rail or appliance bottom. See figs. 7 and 8.
4. Verify the appliance is level. See "Level the Appliance" (pg. 18).
5. On the low end of the appliance, loosen the castor bolt enough to slide provided castor shims between the castor bearing and the bottom rail of the appliance. See fig. 9.
6. Install the desired number of shims. See fig. 9.
 - If more than one shim is used, be sure shim slots are offset. See fig. 10.
 - **DO NOT** use more than four (4) shims on a castor.
 - Be sure each shim touches the castor stem.
7. Tighten and secure the shims and castors.
8. Verify the appliance is level.
9. If the appliance is not level, repeat the steps 3 – 6 until the appliance is level and supported.

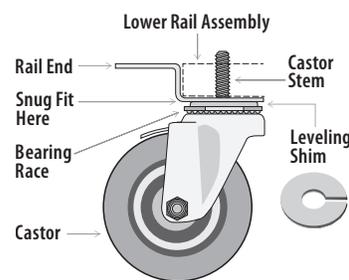


Fig. 7. Castor diagram.

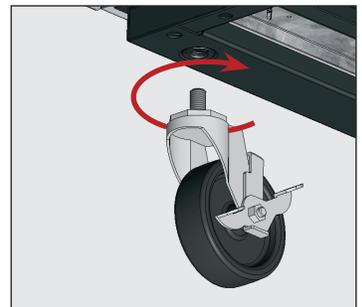


Fig. 8. Screw the castors into the threaded holes.

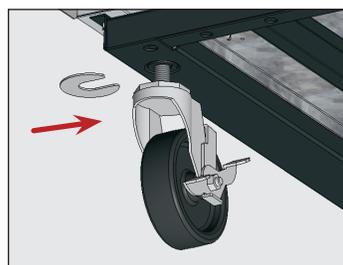


Fig. 9. Insert the castor shim(s), be sure to tighten the castor stem.

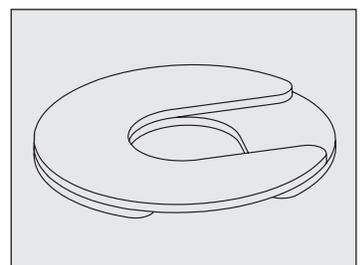


Fig. 10. Install multiple shims with offset slots.

Installation & Setup (cont.)

Level the Appliance

⚠ WARNING!



Tipping hazard! ALWAYS verify center leveling screws fully contact the floor after leveling the appliance.

Proper leveling of your TRUE appliance is critical to operating success (for non-mobile appliances). Leveling impacts effective condensate removal and door operation.

See "Leveling Screw, Leg or Castor Installation" (pg. 16) for level adjustment and shimming information.

Procedure

Position the appliance in its final installation location. Then, level the appliance front-to-back and side-to-side. See fig. 1.

1. Position the level on the inside floor of the appliance near the doors (level parallel to appliance front). Level the appliance.
2. Position the level at the inside rear of the appliance (level parallel to appliance back). Level the appliance.
3. Position the level on the left and right inside floor (level parallel to appliance sides). Level the appliance.

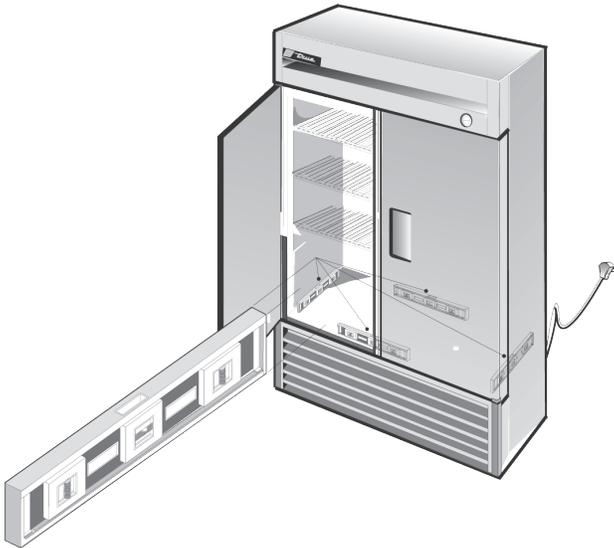


Fig. 1. Measure the level along the perimeter of the interior floor.

Seal the Appliance to the Floor

ⓘ USER ACTION!



Asphalt floors are susceptible to chemicals. TRUE recommends installing a layer of tape between the asphalt and the sealant to protect the floor.

The following procedure describes sealing a non-mobile appliance to the floor for NSF standards. This may not be required for your application.

Procedure

1. Position the appliance in its final installation location. Be sure to leave adequate clearance between the back and sides per "Clearances" (pg. 11) to ensure proper ventilation.
2. Level the appliance front-to-back and side-to-side. See "Level the Appliance" (pg. 18).
3. Draw an outline of the appliance base on the floor.
4. Raise and block the front side of the appliance.
5. Apply a bead of NSF-approved sealant (see list below) to the floor, 1/2" (13 mm) inside the front part of the outline drawn in step 3. The bead of sealant must be heavy enough to seal the entire appliance surface when the appliance is lowered on top of the sealant.
6. Raise and block the rear of the appliance.
7. Apply sealant to the floor on the other three sides, as outlined in step 5.
8. Examine the appliance to ensure that it is sealed to the floor around the entire perimeter.

NSF-Approved Sealants

- 3M #ECU800 Caulk
- 3M #ECU2185 Caulk
- 3M #ECU1055 Bead
- 3M #ECU1202 Bead
- Armstrong Cork – Rubber Caulk
- Products Research Co. #5000 Rubber Caulk
- G.E. Silicone Sealer
- Dow Corning Silicone Sealer

Installation & Setup (cont.)

Shelf Installation

WARNING!

Overloading, incorrectly installing, or improperly loading shelves can cause shelf failure and negatively affect appliance operation, resulting in appliance damage, product damage, or personal injury.

DO NOT use pliers or any crimping tools when installing shelf clips. Altering shelf clips in any way can lead to shelving instability.

Installation Tips

- Install **all** the shelf clips before installing any shelves.
- Start at the bottom shelf and work your way up.
- Always lay the back of each shelf down on the rear clips before the front.

Procedure

1. Hook the shelf clips into the shelf standards. See fig. 1.
2. Push up on the bottom of the clip. See fig. 2.

NOTICE >

 You may need to squeeze or twist the bottom of the shelf clip for proper installation. Position all four shelf clips equal in distance from the floor for flat shelves.
3. Ensure the shelf clip is not loose or able to wiggle out of the shelf standard. See figs. 3 and 4.
4. Place the shelves on the shelf clips with the cross support bars facing down.

NOTICE >

 Be sure all shelf corners are properly seated.

Shelf Adjustment

Shelving is adjustable for customer application. This appliance meets the IEC Shelf Weight Capacity of 47lb/ft² (230kg/m²)

TrueTrac Organizers

TrueTrac Organizers provide a neat and consistent product presentation. See fig. 5.

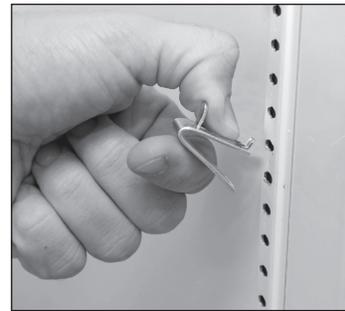


Fig. 1. Installing top tab of shelf clip.



Fig. 2. The bottom tab of the shelf clip will fit tightly.



Fig. 3. You may need to squeeze or twist the bottom of the shelf clip to install.



Fig. 4. Installed shelf clip.

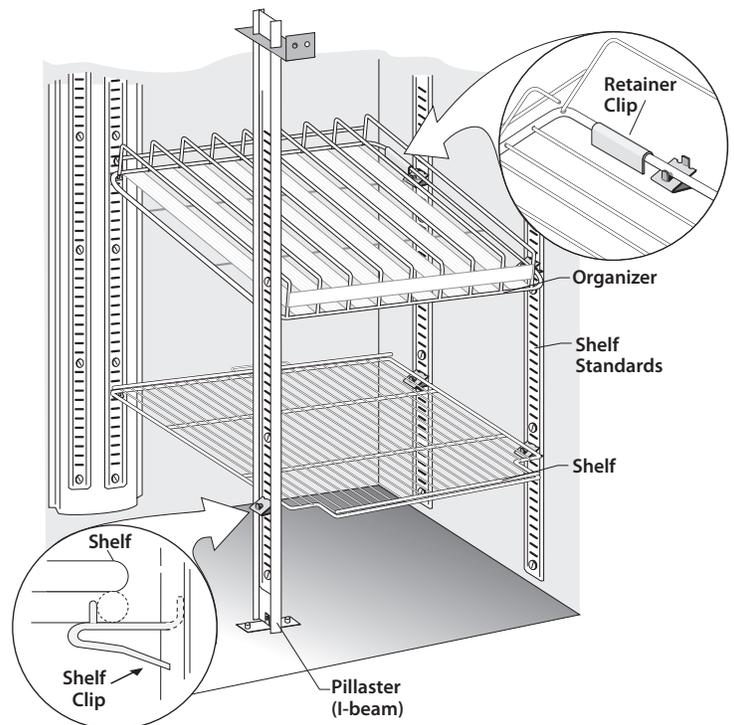


Fig. 5. Shelf clips and shelf/TrueTrac Organizers configuration.

Installation & Setup (cont.)

Battery Backup

ⓘ USER ACTION!



Be sure to check the AA batteries at least once every 3 months to ensure the battery backup always has charge.

The battery backup system ships with the power switch toggled to OFF. Turn the battery backup system on during installation.

The appliance has a battery backup that ensures the electronic control can still monitor the appliance temperature and actuate the lock during a power outage. This battery backup provides power to the control for a minimum of 2 hours.

Procedure

1. Remove the front louver grill. See fig. 1.
2. On the battery backup, toggle the power switch to **ON**. See fig. 2.

Battery Replacement

The battery backup requires eight (8) AA batteries.

1. Remove the front louver grill. See fig. 1.
2. Remove the battery backup screw (see fig. 3) and slide the battery backup out of its holder.
3. Push the tabs down and slide the battery cover off. See fig. 4.

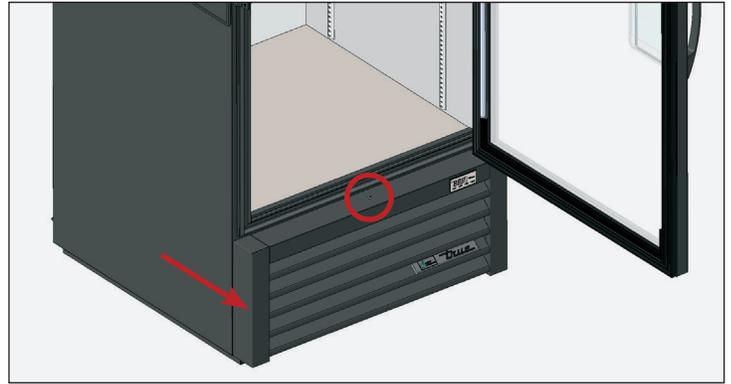


Fig. 1. Front louver grill screw location.

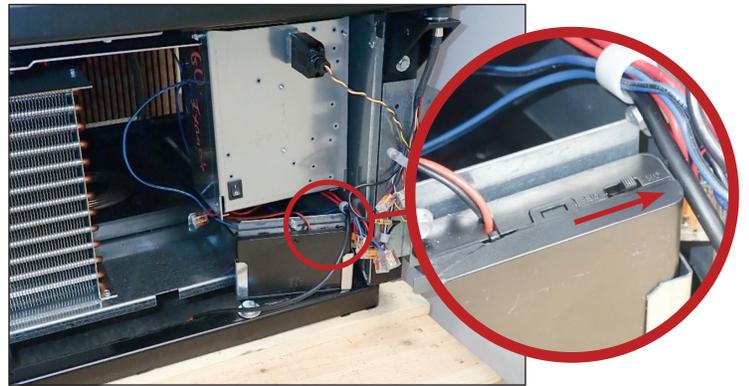


Fig. 2. Battery backup location.

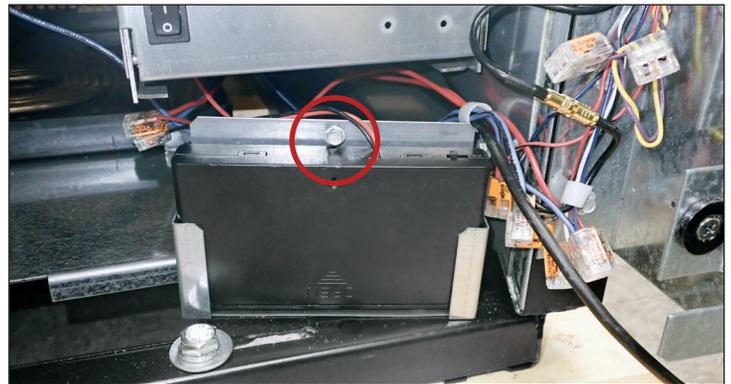


Fig. 3. Battery backup screw location.



Fig. 4. Slide the battery cover off.

Appliance Operation

Appliance Operation

⚠ WARNING – SPOILAGE!



The owner is solely responsible for ensuring safe holding temperature levels for all food items. Failure to do so may result in unsafe food products. Loss or spoilage of products in your appliance is not covered by warranty. In addition to following recommended installation procedures, run the appliance for 24 hours prior to usage to verify operation.



Startup

ⓘ USER ACTION!



Before loading product, run your TRUE appliance empty for 24 hours to verify proper operation. Remember, our factory warranty **DOES NOT** cover product loss!

- The compressor is ready to operate when the appliance is purchased. All you need to do is plug in the appliance.
- Good air flow inside your TRUE appliance is critical. Take care to prevent product from pressing against the sides or back wall and coming within 4" (101.6 mm) of the evaporator housing. Refrigerated air off the evaporator coil must circulate throughout the appliance for even product temperatures.
- Excessive tampering with the control could lead to service difficulties. If replacing the temperature control is ever needed, be sure to order the replacement from your TRUE dealer or recommended service agent.
- All covers and access panels must be in place and properly secured before operating this appliance.

Appliance Operation (cont.)

Temperature Control & Light Switch Location

The light symbol  shows the approximate location of the light switch.



Light Switch on Glass Door Models

Inside the top ceiling.



Electronic Temperature Control

On the front of grill.



Appliance Operation (cont.)

General Sequence of Operation — Refrigerator and Freezer Appliances

ⓘ USER ACTION!



For more information regarding a appliance's temperature control adjustment or general sequence of operation, please see our Temperature Control Adjustment—Sequence of Operation Manual in our resource library at truemfg.com/service-manuals/sequence-of-operation or scan the **QR code**.

When the appliance is plugged in...

1. Interior lights will illuminate on glass door models (see previous page for light switch location).
2. An electronic control with digital display will illuminate.
3. The display will alternate between **hSt** and **dLY**, indicating a delay. This delay allows the appliance to reach temperature without a false alarm. For more information, see “Health Safety Timer: Operation” (pg. 25).
 - Total Freezer Delay: 105 minutes
 - Total Refrigerator Delay: 60 minutes
4. There may be a short delay before the compressor and/or evaporator fan(s) start. This delay may be determined by time or by temperature, which could be the result of an initial defrost event that will last at least 6 minutes.
 - a. At the start of every compressor cycle, the condenser fan(s) will reverse for blow dirt off the condenser coil.
5. The temperature control cycles the compressor and evaporator fan(s) on and off together as determined by the set-point and differential temperatures.
 - a. The set-point is the **adjustable** pre-programmed temperature designed to match the average appliance temperature.
 - b. The differential temperatures are the **non-adjustable** pre-programmed temperatures used to determine when the compressor shuts off and turns on.
6. The temperature control/thermostat senses either an evaporator coil temperature or air temperature, **NOT product temperature**.
7. An analog thermometer, digital thermometer, or electronic control display may reflect the refrigeration cycle swings of up and down temperatures, NOT product temperature. **The most accurate method to determine a appliance's operation is to verify the product temperature.**
8. Every appliance requires a defrost event to ensure the evaporator coil remains clear of frost and ice buildup. The electronic control is preprogrammed to initiate defrost by interval.
9. An electronic control with a digital display will show **dEF** during defrost.

NOTICE > The electronic control with a digital display will alternate between **hST** and **dLY** for at least 30 minutes after defrost has terminated.

 - a. A refrigerator will use the evaporator fans to clear the coil during defrost.
 - b. A freezer will use heaters to clear the evaporator coil during defrost.

NOTICE > The evaporator coil heater and drain tube heater are only energized during defrost. Defrost is terminated when a specific evaporator coil temperature is reached or by a time duration.

Appliance Operation (cont.)

Health Safety Time (HST)

The health safety timer (HST) mechanically locks the appliance when the electronic control detects the appliance temperature has been above a preset temperature for 30 minutes. This prevents the sale of unsafe food product.

Battery Backup

! USER ACTION!

!

The battery backup system ships with the power switch toggled to **OFF**. Turn the battery backup system on during installation. In the event of power failure, the control display will show **PF**.

The appliance has a battery backup that ensures the electronic control can still monitor the appliance temperature and actuate the lock during a power outage. This battery backup provides power to the control for a minimum of 2 hours. For more information, see "Battery Backup" (pg. 20).

NOTICE > The appliance will lose cooling capabilities when the power is lost.

NOTICE > If "Lock on power fail" is enabled, the door will lock immediately when the power is lost.

Startup

During the initial startup, the electronic control display alternates between **hSt** and **dLY** to indicate a delay. In addition to the timer delay, the control automatically enables a loading delay. These delays allow the appliance to reach temperature without a false alarm.

- Total Freezer Delay: 105 minutes
- Total Refrigerator Delay: 60 minutes

NOTICE > If additional time or a delay event is needed, see "Enable the Product Loading & Servicing Delay" (pg. 30).

Operation

The HST appliance's operation is determined by the electronic control, which constantly monitors the appliance temperature. If the control detects the preprogrammed temperature parameters (see below) for 30 minutes, it triggers the HST alarm.

- Freezer: 0°F (-17.78°C)
- Refrigerator: 41°F (5°C)

When the HST alarm triggers, the door mechanically locks and the control provides an audio/visual alarm. The control emits a series of beeps and the display alternately shows **Loc** and **hLA**.

To open the door during an active HST alarm, unlock the appliance with the provided key. The HST Alarm will remain active. For information on returning the door to its pre-alarm state, see "Clear the Health Safety Alarm or Product Loading & Servicing Delay" (pg #).

NOTICE > To order a replacement key, please contact our parts department at 800-424-8783 or PartsInquiries@TrueMfg.com.

NOTICE > In case of emergency, the door may be opened from the inside with the emergency release pull cord. See "Emergency Release Pull Cord Operation" (pg. 5).

If the door switch determines the door has remained open for 5 minutes, the control provides an audio/visual alarm. The control emits a series of beeps and the display flashes **do**. For more information, see "Silence the Door Open Alarm" (pg. 30).

Silence the HST or door open alarm by pressing any button on the control. The alarm will remain displayed and the door will remain locked until its condition has been corrected or the alarm has been cleared via password entry.

HST ACTION / RESULT	
User Action	Result
Unlock door with key	Door unlocks, alarm still active
Press any button on the control	Silences alarm, alarm still active
Clear the alarm through the control (pg. 30)	Door returns to pre-alarm state; alarm no longer active

Electronic Temperature Control

Electronic Temperature Control

L A E CONTROL LEGEND



	Compressor Running		
	Evaporator Fan Running		
	Appliance in Defrost		
	Activation of 2nd Parameter Set		
	Alarm		

D I S P L A Y C O D E S

Display	Definition	Display	Definition
hSt	Health Safety Timer password entry	dEF	Defrost in progress
dLc	Door Lock / Unlock password entry	oFF	Controller in stand-by
Loc	Keypad state lock	do	Door open alarm
t1	Instant probe 1 temperature	hi	Appliance high temperature alarm
t2	Instant probe 2 temperature	Lo	Appliance low temperature alarm
t3	Instant probe 3 temperature	E1	Probe t1 failure
min	Minute of the real time clock	E2	Probe t2 failure
hrS	Hours of the real time clock	E3	Probe t3 failure
Stt	Start time for timed actions	hSt/dLY	Delays checking of Health Safety Timer conditions
Edt	End time for timed actions	hSt/tSt	Testing the Health Safety Lock
thi	Maximum probe 3 temperature recorded	hLA/Loc	Health Safety Alarm / lockout active
tLo	Minimum probe 3 temperature recorded	PF	Power failure

Electronic Temperature Control (cont.)

LA E CONTROL LEGEND



	Compressor Running		
	Evaporator Fan Running		
	Appliance in Defrost		
	Activation of 2nd Parameter Set		
	Alarm		

Lock / Unlock the Control

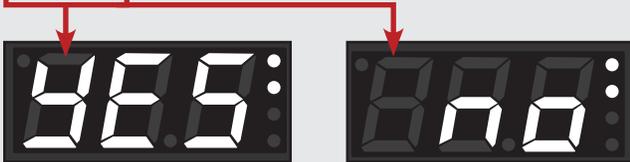
1. Press info to show hSt.



2. Press the down arrow until the display shows **Loc**.



3. Press and hold info to show the current lock status.
DO NOT RELEASE THE BUTTON!



YES = Locked

no = Unlocked

4. Press the arrows to change the lock setting.



5. Release all buttons and wait for the control to display the appliance temperature.

Turn Off / On the Control

⚠ WARNING!

Turning off the control will not shut off power to the appliance. Be sure to remove power to the appliance prior to servicing.

Turning off the control will deactivate all electronic components connected to the control. The lights will remain powered.

Turn Off

Press and hold cancel until the display shows **off**.



Turn On

Press and hold cancel until the display shows **on**.



Electronic Temperature Control (cont.)

L A E CONTROL LEGEND



	Compressor Running		
	Evaporator Fan Running		
	Appliance in Defrost		
	Activation of 2nd Parameter Set		
	Alarm		

Lock / Unlock the Door – Button Combo

The door can be locked and unlocked by pressing a combination of buttons. The appliance ships with the button combination lock enabled.

1. Press and hold info and the up arrow until the door locks / unlocks (about 5 seconds).



2. Release all buttons.

Lock / Unlock the Door – Password Entry

The door can be locked and unlocked by entering a password.

NOTICE > The default password is 01.

1. Press info to show hSt.



2. Press the up arrow until the display shows dLc.



3. Press and hold info until the display shows 00.
DO NOT RELEASE THE BUTTON!



4. While holding info, press the up arrow until the display shows 01.



5. Release all buttons and wait for the control to display the current appliance temperature.

Electronic Temperature Control (cont.)

L A E CONTROL LEGEND



	Compressor Running		Info/Set Point		Manual Activation/Up Arrow
	Evaporator Fan Running				
	Appliance in Defrost				
	Activation of 2nd Parameter Set		Manual Defrost/Down Arrow		Stand-By/Cancel
	Alarm				

Enable the Product Loading & Servicing Delay

The Product Loading & Servicing Delay extends the 30-minute window before the health safety timer activates. This feature prevents the door from locking when loading or servicing the appliance. It is enabled automatically upon powering the appliance and following defrost events.

- Total Freezer Delay: 105 minutes
- Total Refrigerator Delay: 60 minutes

The Product Loading & Servicing Delay can also be manually initiated with the instructions below.

1. Press info to show hSt.



2. Press and hold info until the display shows 00.
DO NOT RELEASE THE BUTTON!



3. While holding info, press the up arrow until the display shows 01.



4. Release all buttons and wait for the control display to alternate between hSt and dLY.

Test the Health Safety Lock

The Health Safety Lock locks the appliance door when the electronic control detects the appliance temperature has been above a preset temperature for 30 minutes.

1. Press info to show hSt.



2. Press and hold info until the display shows 00.
DO NOT RELEASE THE BUTTON!



3. While holding info, press the up arrow until the display shows 23.



4. Release all buttons. If operational, the Health Safety Lock will activate.
5. Clear the Health Safety Alarm. See "Clear the Health Safety Alarm or Product Loading & Servicing Delay" (pg. 30).

Electronic Temperature Control (cont.)

LA E CONTROL LEGEND



	Compressor Running		Info/Set Point		Manual Activation/Up Arrow
	Evaporator Fan Running		Manual Defrost/Down Arrow		Stand-By/Cancel
	Appliance in Defrost				
	Activation of 2nd Parameter Set				
	Alarm				

Clear the Health Safety Alarm or Product Loading & Servicing Delay

NOTICE > Clearing the Health Safety Alarm through the display will return the appliance to its state prior to the alarm activation (locked or unlocked).

1. Press info to show **hSt**.



2. Press and hold info until the display shows **00**.
DO NOT RELEASE THE BUTTON!



3. While holding info, press the up arrow until the display shows **01**.



4. Release all buttons and wait for the control to display the current appliance temperature.

Silence the Door Open Alarm

If the door remains open for 5 minutes, the control emits a series of beeps and the display flashes **do**.



To silence the alarm, shut the door or press **ANY** button on the control. The display will continue to flash **do** until the door closes.



Electronic Temperature Control (cont.)

L A E CONTROL LEGEND



	Compressor Running		
	Evaporator Fan Running		
	Appliance in Defrost		
	Activation of 2nd Parameter Set		
	Alarm		

Change the Set Point

Changing the set point adjusts the appliance temperature to keep optimal product temperature.

NOTICE > The set point value is NOT the appliance holding temperature. To maintain proper operation within a safe temperature range and prevent an alarm activation, it is recommended to only change the value by a few degrees.

1. Press and hold info until the display shows the current set point. **DO NOT RELEASE THE BUTTON!**



2. While holding info, press the up or down arrows to adjust the setting.



3. Release all buttons and wait for the control to display the current appliance temperature.

Initiate Manual Defrost

A manual defrost clears accumulated frost and ice from the evaporator coil. The defrost will only terminate when a specific preset temperature or duration has been met.

Press Manual Defrost until the display shows **deF**.



Electronic Temperature Control (cont.)

LA E CONTROL LEGEND



	Compressor Running		Info/Set Point		Manual Activation/ Up Arrow
	Evaporator Fan Running		Manual Defrost/ Down Arrow		Stand-By/Cancel
	Appliance in Defrost				
	Activation of 2nd Parameter Set				
	Alarm				

Change Defrost Intervals

The defrost interval is the duration between defrost cycles,

NOTICE > The defrost interval **can only be changed** if the defrost mode parameter **dFm** is set for **tim** or **Fro**.

1. Press and hold both info and cancel until the display shows **hSt**.



2. Press the up arrow until the display shows **dFt**.



3. Press and hold info until the display shows the current defrost interval time. **DO NOT RELEASE THE BUTTON!**



4. While holding info, the up or down arrows to adjust the setting.



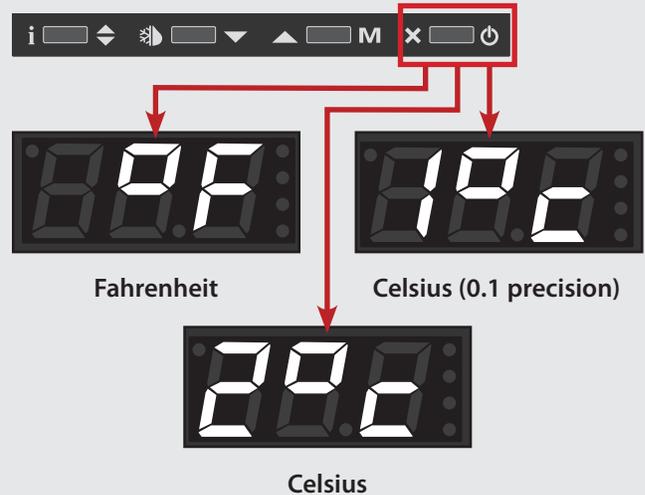
5. Release all buttons and wait for the control to display the current appliance temperature.

Change Display Readout

The display can show the temperature in either Fahrenheit or Celsius.

Press cancel to cycle through the display readout options.

- °F: Fahrenheit (no decimal)
- 1°C: Celsius (0.1 precision)
- 2°C: Celsius (no decimal)



Electronic Temperature Control (cont.)

L A E CONTROL LEGEND



- Compressor Running
- Evaporator Fan Running
- Appliance in Defrost
- Activation of 2nd Parameter Set
- Alarm
- Info/Set Point
- Manual Defrost/Down Arrow
- Manual Activation/Up Arrow
- Stand-By/Cancel

Display Probe Temperatures

The display shows the temperature probe readings in different locations of the appliance.

- **t1**: Thermostat
- **t2**: Defrost
- **t3**: Display Temperature

1. Press info to show **t1**.



2. Press and hold info to show the current **t1** probe temperature.



3. Release info to show **t2**.



4. Press and hold info to show the current **t2** probe temperature.



5. Release info to show **t3**.

NOTICE > If the **t3** probe is not activated, **t3** will not appear.



6. Press and hold info to show the current **t3** probe temperature.



7. Release all buttons and wait for the control to display the current appliance temperature.

Maintenance & Servicing

Maintenance & Servicing

⚠ WARNING!	
	<ul style="list-style-type: none"> • Only qualified technicians should install and service the appliance. For assistance finding a qualified technician, please visit our Service Company Locator at truemfg.com/support/service-locator. • Turn off and lockout all utilities (gas, electric, water) according to approved practices during maintenance or servicing.
 	<p>The appliance owner is responsible for performing a Personal Protective Equipment (PPE) Hazard Assessment and ensuring adequate protection during maintenance and cleaning procedures.</p> <p>Use appropriate tools, safety equipment, and PPE during installation and servicing.</p>
	<p>Sharp Edges!</p> <ul style="list-style-type: none"> • Take care when moving, installing, cleaning, servicing, and maintaining the ice machine to avoid cuts. Be sure to take care when reaching under the ice machine or handling metal components. • Stay clear of pinch point areas, such as the space between appliance doors and surrounding cabinetry. Take care closing doors with children nearby.

⚠ WARNING!	
	<p>Risk of electric shock or burn!</p> <ul style="list-style-type: none"> • Powering off an electronic control or setting temperature controls to the 0 (off) position DOES NOT remove power from all components. Unplug the appliance or turn off the power supply before installation or servicing. • DO NOT clean appliance with a pressure washer or hose.
	<p>Flammable refrigerant/insulation used! Have a licensed service provider service your appliance to minimize the risk of possible ignition due to incorrect parts or improper service and to ensure the operator's health and safety.</p>
	<p>Crush or cut hazard! Keep clear when uncrating, installing, moving, or servicing the appliance.</p>
	<p>Slippery Surfaces! Moisture from improper drainage can create slippery surfaces near the appliance. It is your duty to immediately warn your customers of, and dry, the slippery surface. All wet floor areas must be marked with a wet floor sign.</p>

Maintenance & Servicing (cont.)

ⓘ USER ACTION!

- For additional maintenance instruction, please visit the media center at truemfg.com.
- Any appliance adjustments are to be made **AFTER** the appliance has been verified level and properly supported.

ⓘ NOTICE!

The appliance owner is responsible for maintaining the appliance as described in the installation manual. Routine care and maintenance procedures are not covered by TRUE's warranty.

Component Replacement

- Replace components with original equipment manufacturer (OEM) components such as those shown in fig. 1. OEM parts minimize the risk of possible ignition due to incorrect parts. Use of non-OEM components may void TRUE's warranty.
- Have a licensed service provider service your appliance to minimize the risk of possible ignition due to incorrect parts or improper service and to ensure the operator's health and safety.



Fig. 1. Example of OEM parts.

Maintenance & Servicing (cont.)

Recommended Maintenance

See recommended maintenance tasks and frequencies below. Some tasks may be required more frequently based on your installation.

Maintenance Tasks	Monthly	Quarterly	Annually
Verify the appliance maintains product temperature.	X	X	X
Inspect power cord for damage; if damaged, replace immediately.	X	X	X
Verify the power cord is fully plugged into the wall receptacle			X
Inspect the overall condition of the appliance and its components (such as castors, doors, and hinges).	X	X	X
Verify operation of all moving parts (such as fan motors, doors and door cords).			X
Check battery backup system.		X	X
Check physical condition of all gaskets; verify gaskets seal correctly.		X	X
Inspect any lamps, lamp holder connections, LED modules, and LED module connections.	X	X	X
Check all condenser coils (fronts and backs) for dust and debris; if present, clear the debris.	X	X	X
Check physical condition of all condenser coils and evaporator coils; straighten coil fins as needed.		X	X
Check all evaporator coils for dust and debris; if present, clear the debris.		X	X
Verify the drain line is clear of debris.		X	X

Maintenance & Servicing (cont.)

Condenser Coil Cleaning

⚠ WARNING!

 	<p>The appliance owner is responsible for performing a Personal Protective Equipment (PPE) Hazard Assessment and ensuring adequate protection during maintenance and cleaning procedures.</p> <p>Use appropriate tools, safety equipment, and PPE during installation and servicing.</p>
	<p>Risk of electric shock or burn!</p> <ul style="list-style-type: none"> Unplug the appliance or turn off the power supply before installation or servicing. DO NOT clean appliance with a pressure washer or hose.
	<p>Sharp edges! Coil fins are sharp and metal components can have sharp edges. Take care when moving, installing, cleaning, servicing, and maintaining the appliance to avoid cuts.</p>
	<p>Risk of eye injury! Airborne dust and debris can cause eye injury. Eye protection recommended.</p>

ⓘ NOTICE!

	<p>The cleaning of the condenser coil is not covered by warranty!</p>
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Required Tools

Required tools include (but may not be limited to) the following:

- Phillips screwdriver or bit driver
- Stiff bristle brush
- Tank of compressed air
- Vacuum cleaner
- Flashlight
- Eye protection
- Gloves

Procedure

1. Disconnect power to appliance.
2. Remove the front louvered grill from the appliance. See fig. 1.
3. With a stiff bristle brush, carefully clean accumulated dirt from the front condenser coil fins. See fig. 2.
4. With dirt removed from the surface of the coil, use a flashlight to verify that you can see through the coil and observe the condenser fan blade spinning. See fig. 3.

If the view is clear, reinstall louvered grill, connect appliance to power and verify operation. If the view is still blocked with dirt, proceed to step 5.
5. Gently blow compressed air or CO₂ through the coil until it is clean.
6. Carefully vacuum any dirt around and behind the condensing appliance area.
7. Reinstall the louvered grill, connect power to the appliance, and verify operation.

Maintenance & Servicing (cont.)

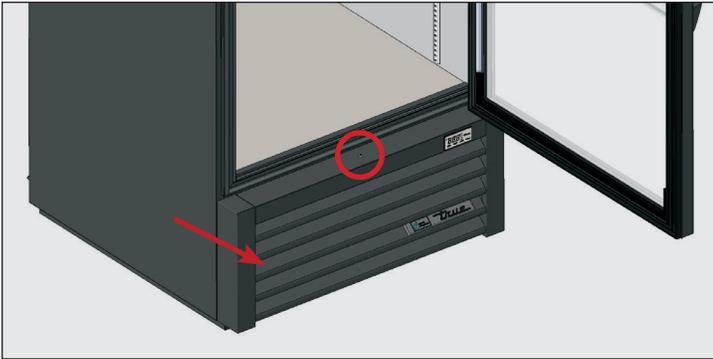


Fig. 1. Front louver grill screw location. Carefully remove the grill.

Additional Information

If you have any questions, please contact your local TRUE Manufacturing Service Department. See the front cover for locations and contact information.

- **DO NOT** place any filter material in front of the condensing coil.



Fig. 2. Never brush across the coil fins.



Fig. 3. Verify all blockages have been removed.

Maintenance & Servicing (cont.)

General Surface Care & Cleaning

⚠ WARNING!	
	<p>Risk of electrical shock or fire!</p> <p>DO NOT clean appliance with a pressure washer or hose.</p>
	<p>Slippery Surfaces! Moisture from improper drainage can create slippery surfaces near the appliance. It is your duty to immediately warn your customers of, and dry, the slippery surface. All wet floor areas must be marked with a wet floor sign.</p>
 	<p>The appliance owner is responsible for performing a Personal Protective Equipment (PPE) Hazard Assessment and to ensure adequate protection during maintenance and cleaning procedures.</p> <p>Use appropriate tools, safety equipment, and PPE during installation and servicing.</p>

Gaskets

- Clean gaskets with warm soapy water.
- **DO NOT** use sharp tools or knives to scrape a gasket.
- Avoid full-strength cleaning products.

Interior

- Clean interior surfaces with a mild solution of baking soda and water to help reduce odor; **DO NOT** use harsh or abrasive cleaners.
- For plastic or powder-coated parts, use warm soapy water to clean **DO NOT** use stainless steel cleaners or similar solvents.

Exterior

- For plastic or powder-coated parts, use warm soapy water to clean **DO NOT** use stainless steel cleaners or similar solvents.
- **DO NOT** clean stainless steel with steel wool or abrasive products. **DO NOT** use detergents or degreasers with chlorides or phosphates. See model-specific manual for more information.

Maintenance & Servicing (cont.)

Stainless Steel Care & Cleaning

! USER ACTION



DO NOT use any steel wool, abrasive, or chlorine-based products to clean stainless steel surfaces.

Stainless Steel Opponents

There are three basic things which can break down your stainless steel's passivity layer and allow corrosion to form.

- Scratches from wire brushes, scrapers, steel pads, and other items that can be abrasive to stainless steel's surface.
- Deposits left on your stainless steel can leave spots. You may have hard or soft water depending on what part of the country you live in. Hard water can leave spots. Hard water that is heated can leave deposits if left to sit too long. These deposits can cause the passive layer to break down and rust your stainless steel. All deposits left from food prep or service should be removed as soon as possible.
- Chlorides which are present in table salt, food and water, as well as in household and industrial cleaners. These are the worst type of chlorides to use on stainless steel.

Stainless Steel Cleaning and Restoration

Stainless steel cleaners must be free of phosphates, chlorine, chloride, and ammonia.

True offers environmentally-friendly cleaner and polish through our True Store at store.trueresidential.com/products/stainless-steel-clean-polish-kit.

Custom Painted Appliance and Hardware

For painted doors and other surfaces, use a mild solution of soap and water with a soft microfiber cloth.

Maintenance & Servicing (cont.)

8 Tips to Help Prevent Rust on Stainless Steel

Maintain the Cleanliness of Your Equipment

Avoid build-up of hard stains by cleaning frequently. Use cleaners at the recommended strength (alkaline chlorinated or non-chloride).

Use the Correct Cleaning Tools

Use non-abrasive tools when cleaning your stainless steel products. The stainless steel's passive layer will not be harmed by soft cloths and plastic scouring pads.

Clean Along Polishing Lines

Polishing lines ("grain") are visible on some stainless steels. Always scrub parallel to polishing lines when visible. Use a plastic scouring pad or soft cloth when you cannot see the grain.

Use Alkaline, Alkaline-Chlorinated or Non-Chloride Cleaners

While many traditional cleaners are loaded with chlorides, the industry is providing an ever increasing choice of non-chloride cleaners. If you are not sure of your cleaner's chloride content, contact your cleaner supplier. If they tell you that your present cleaner contains chlorides, ask if they have an alternative. Avoid cleaners containing quaternary salts, as they can attack stainless steel, causing pitting and rusting.

Rinse

When using chlorinated cleaners, you must rinse and wipe dry immediately. It is better to wipe standing cleaning agents and water as soon as possible. Allow the stainless steel equipment to air dry. Oxygen helps maintain the passivity film on stainless steel.

Never Use Hydrochloric Acid (Muriatic Acid) on Stainless Steel

Even diluted, hydrochloric acid can cause corrosion, pitting and stress corrosion cracking of stainless steel.

Water Treatment

To reduce deposits, soften hard water when possible. Installation of certain filters can remove corrosive and distasteful elements. Salts in a properly maintained water softener can also be to your advantage. Contact a treatment specialist if you are not sure of the proper water treatment.

Regularly Restore & Passivate Stainless Steel

Stainless steel gets its stainless properties from the protective chromium oxides on its surface. If these oxides are removed by scouring, or by reaction with harmful chemicals, then the iron in the steel is exposed and can begin to oxidize, or rust. Passivation is a chemical process that removes free iron and other contaminants from the surface of stainless steel, allowing the protective chromium oxides to re-form.

Warranty Information (USA & Canada Only)

Warranty Information

To view and download the
Warranty Information for USA & Canada,
please scan the QR code below.





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