

## 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 the 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 locating a refrigeration service technician in your area for installation, servicing or maintenance, please visit our Service Company Locator at [www.truemfg.com/support/service-locator](http://www.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:

- Appliances with doors tested for IEC to ISO Climate Class 5 (104°F (40°C) temperature, 40% relative humidity).
- Appliances with air curtains tested for IEC to ISO Climate Class 8 (75°F (24°C) temperature, 55% relative humidity).
- Appliance tested for a weighted sound pressure below 70 dB.
- 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!
- 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!



**Warranty is void if ventilation is insufficient.**  
 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.

MODEL	TOP	SIDES	BACK
CVM-11/13	1" (25.4 mm)	0" (0 mm)	1" (25.4 mm)
CVM-20/24/27	0" (0 mm)	0" (0 mm)	1" (25.4 mm)
Deli	N/A Open	0" (0 mm)	Open
EBR/EDR	0" (0 mm)	0" (0 mm)	0" (0 mm)
FLM Freezer	0" (0 mm)	0" (0 mm)	3" (76.2 mm)
FLM Refrigerator	0" (0 mm)	0" (0 mm)	1" (25.4 mm)
G4SM	0" (0 mm)	0" (0 mm)	1" (25.4 mm)
GDIM	1" (25.4 mm)	0" (0 mm)	3" (76.2 mm)
GDM-05/05F	12" Open (304.8 mm)	1" (25.4 mm)	1" (25.4 mm)
GDM-07F	1" (25.4 mm)	1" (25.4 mm)	3" (76.2 mm)
GDM-10/12/10-58	1" (25.4 mm)	0" (0 mm)	1" (25.4 mm)
GDM-11SD	0" (0 mm)	0" (0 mm)	1" (25.4 mm)
GDM Freezers	3" (76.2 mm)	0" (0 mm)	3" (76.2 mm)
GDM Refrigerators	0" (0 mm)	0" (0 mm)	1" (25.4 mm)
GEM	0" (0 mm)	0" (0 mm)	1" (25.4 mm)
Glass Chillers	1" (25.4 mm)	1" (25.4 mm)	1" (25.4 mm)
Spec Series	12" Open (304.8 mm)	0" (0 mm)	1" (25.4 mm)
T-Series Freezer	3" (76.2 mm)	0" (0 mm)	3" (76.2 mm)
T-Series Refrigerator	0" (0 mm)	0" (0 mm)	1" (25.4 mm)
TAC	8" (203.2 mm)	0" (0 mm)	3" (76.2 mm)
TBB	1" (25.4 mm)	1" (25.4 mm)	1" (25.4 mm)
TBR/TDR	0" (0 mm)	0" (0 mm)	0" (0 mm)

MODEL	TOP	SIDES	BACK
TCGG	0" (0 mm)	0" (0 mm)	Open
TCM	0" (0 mm)	1" (25.4 mm)	1" (25.4 mm)
TCR/TCF	0" (0 mm)	0" (0 mm)	0" (0 mm)
TD	1" (25.4 mm)	1" (25.4 mm)	1" (25.4 mm)
TDB	1" (25.4 mm)	1" (25.4 mm)	1" (25.4 mm)
TDC	N/A Open	1" (25.4 mm)	Open
TDD	1" (25.4 mm)	1" (25.4 mm)	1" (25.4 mm)
TDM/TGM	Open	1" (25.4 mm)	Open
TFM	Open	1" (25.4 mm)	1" (25.4 mm)
TFP	0" (0 mm)	0" (0 mm)	0" (0 mm)
TFT	0" (0 mm)	0" (0 mm)	0" (0 mm)
TGN Freezer	3" (76.2 mm)	0" (0 mm)	3" (76.2 mm)
TGN Refrigerator	0" (0 mm)	0" (0 mm)	1" (25.4 mm)
THAC	0" (0 mm)	1" (25.4 mm)	1" (25.4 mm)
TMC	0" (0 mm)	0" (0 mm)	1" (25.4 mm)
TOAM	8" (203.2 mm)	0" (0 mm)	3" (76.2 mm)
TPP	N/A	0" (0 mm)	0" (0 mm)
TRCB	1" (25.4 mm)	1" (25.4 mm)	1" (25.4 mm)
TSD-09G, GDM-09	1" (25.4 mm)	1" (25.4 mm)	1" (25.4 mm)
TSSU	N/A	0" (0 mm)	0" (0 mm)
TUC	0" (0 mm)	0" (0 mm)	0" (0 mm)
TUC-27F/ 27DI/27WB/36- 34/48DI/48WB/72	0" (0 mm)	0" (0 mm)	0" (0 mm)
TUC/TWT- 27/36/48/60	0" (0 mm)	0" (0 mm)	0" (0 mm)
TVM Refrigerator	0" (0 mm)	0" (0 mm)	1" (25.4 mm)
TWT	0" (0 mm)	0" (0 mm)	0" (0 mm)

# About Your Appliance & Installation Requirements (cont.)

## Electrical Installation

### ⚠ DANGER!



- **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.
- **Always use the correct outlet.** See "NEMA Plug Configurations" below.



### 🗨 USER ACTION!



Find a copy of the wiring diagram with our serial number lookup at [www.truemfg.com/support/serial-number-lookup](http://www.truemfg.com/support/serial-number-lookup).

## 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.

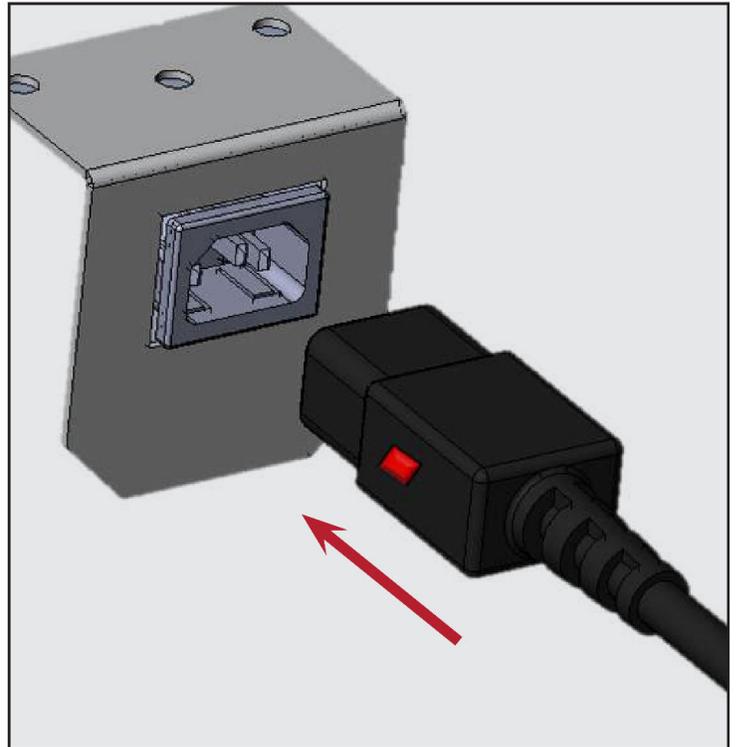


Fig. 1. Fully insert the power cord into the receptacle.

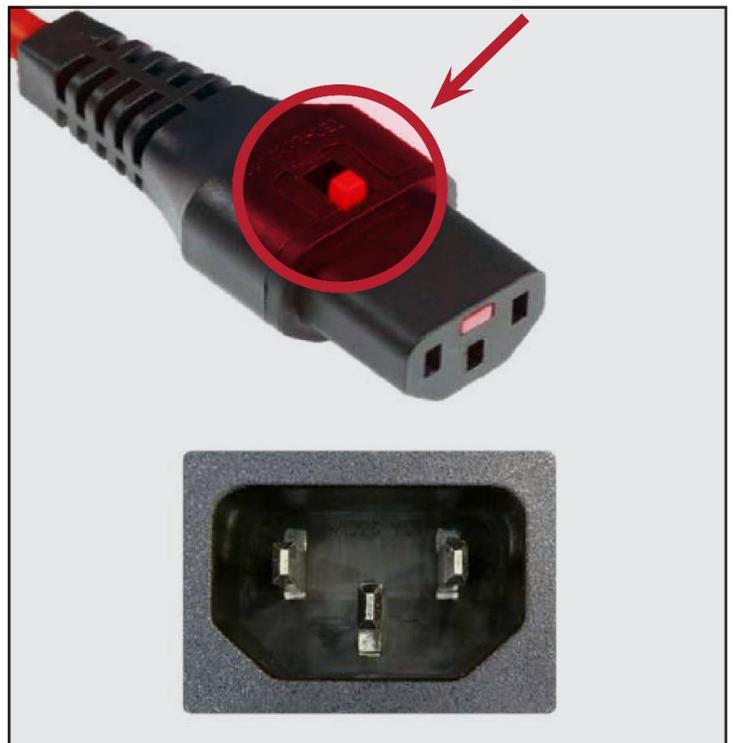


Fig. 2. Push the red button to remove the plug.

## Installation & Setup

# Installation & Setup

### ⚠ DANGER!



**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 disconnect power before installation or servicing.

### ⚠ WARNING!



**Only qualified technicians** should install and service the appliance. For assistance locating a refrigeration service technician in your area for installation, servicing or maintenance, please visit our Service Company Locator at [www.truemfg.com/support/service-locator/](http://www.truemfg.com/support/service-locator/).



**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.



**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.



**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.



**Crush or cut hazard!** Keep clear when uncrating, installing, moving, or servicing the appliance.

## Uncrate & Inspect

### ⓘ USER ACTION!



- 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!



See detailed installation information in our model-specific installation manuals; find your model specific installation manual at

[www.truemfg.com/support/manuals/](http://www.truemfg.com/support/manuals/)

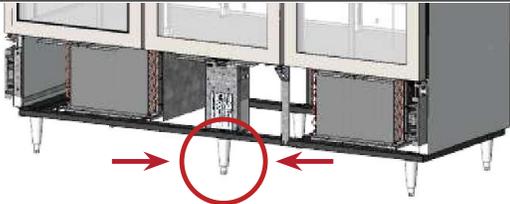
follow a QR code in this document, or contact TRUE's Technical Support Department.

Keys for appliances with door locks are located on the back cover of this manual.

1. Inspect the exterior packaging for damage. Follow TRUE's recommended procedure for accepting deliveries.
2. Remove the exterior packaging. Inspect the appliance for visible or cosmetic damage.
3. Move the appliance as close to the final installation location as possible before removing the wooden skid.

# Installation & Setup (cont.)

## Leveling Screw, Leg, or Castor Installation

<b>⚠ WARNING!</b>	
	<p><b>Tipping hazard! ALWAYS</b> verify center leveling screws fully contact the floor after leveling the appliance.</p> <p><b>ALWAYS</b> be sure leveling legs or castors (and shims) are snug against the rail assembly or mounting plate.</p> <p><b>ALWAYS</b> verify center castors or leveling legs fully contact the floor after leveling the appliance. See fig. below.</p>
	
	<p><b>Sharp edges!</b> 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>

Leveling screws assist the leveling of the appliance. Adjustable legs provide 6" (153 mm) of clearance under appliance. Castors provide appliance mobility. Always use shims when adjusting castors.

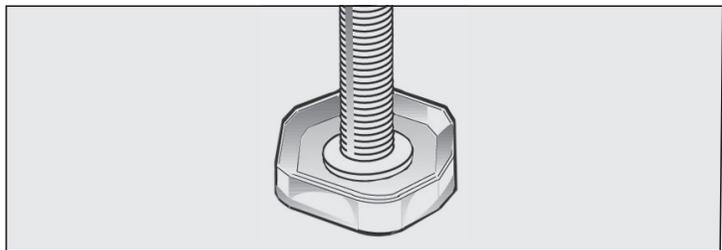


Fig. 1. Leveling screw.

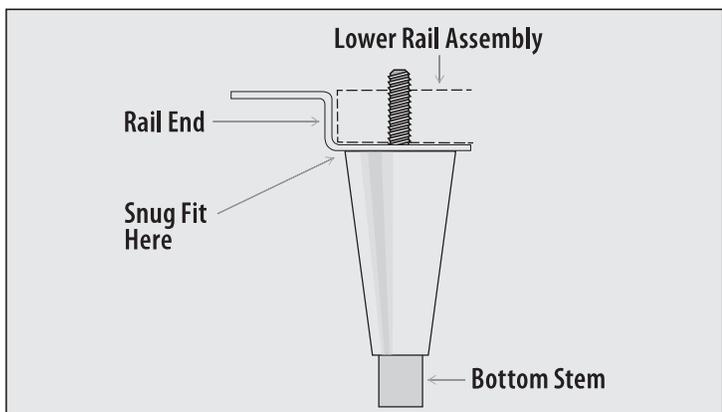


Fig. 2. Parts of an adjustable leveling leg. Adjust the bottom stem to level appliance.

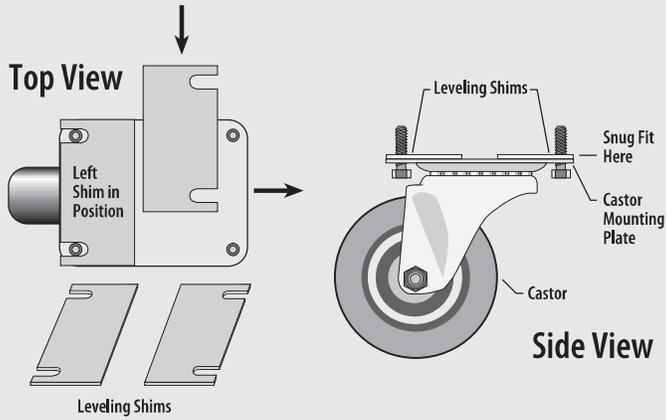
<b>! USER ACTION!</b>	
	<p>Install castors with brakes in the front.</p>
	

Fig. 3. Platform castor and shims. Install shims in pairs.

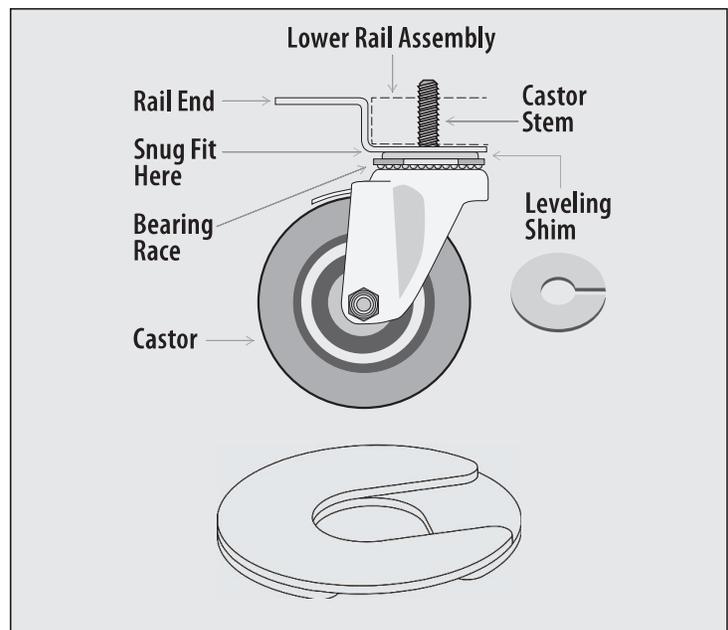


Fig. 4. Stem castor and shims. Install multiple shims with offset slots.

## Installation & Setup (cont.)

### Level the Appliance

#### ⚠ WARNING!



**Tipping hazard! ALWAYS** verify center leveling screws, castors, or leveling legs 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. 15) for level adjustment and shimming information.

Level the unit front-to-back and side-to-side

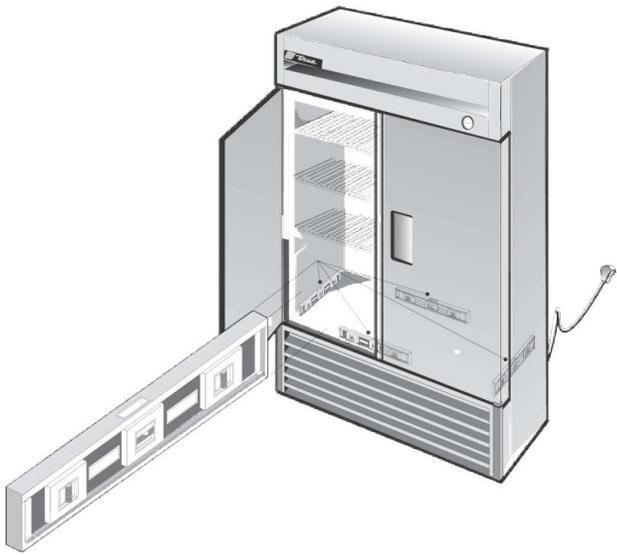


Fig. 1. Measure the level along the perimeter of the interior floor.

### 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.

If sealing the appliance to the floor, be sure to use NSF-approved sealants. See model-specific installation manuals for more details.

### Shelf Installation

#### ⚠ WARNING!



**All shelving must be properly installed and adhere to load limits. Incorrect installation and improperly loaded or overloaded shelves can result 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.

#### Shelf Adjustment

Shelving is adjustable to meet your application requirements. This appliance meets the IEC Shelf Weight Capacity of 47lb/ft<sup>2</sup> (230kg/m<sup>2</sup>) unless otherwise stated in the model-specific installation manual.

#### 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.