



# KEGERATOR BEER KEG REFRIGERATOR (6 CU. FT.) MODELS: KEG6000, KEG6000B OPERATING MANUAL

# FROSTY KEG KEGGOOO

★ Easy-Pull Beer Dispenser

✓ 21.3"W x 26.6"D x 33.2"H (with casters)

✓ Convenient Drip Tray

Sturdy Casters for Extra Mobility

★ Easy Setup & Installation

★ 6.0 cubic feet/170 liters/44.9 gallons

✓ Dual-Gauge CO2 Regulator

115V/60Hz 1.9Amps

This product should be recycled at the end of its usefulness; turn over to a licensed electrical recycling point. Materials are recyclable. Please make an effort to have a positive impact on the environment.

#### **SPECIFICATIONS**

Weight: 88lbs.

Refrigerant: R134A, 2.82OZ High Side Pressure: 300psi Low Side Pressure: 88psi





#### Polarized Electrical Power Plug:

This appliance is equipped with polarized plug; this type of plug has one blade wider than the other. The plug will fit into an electrical outlet only one way. This is a safety feature intended to reduce the risk of electrical shock. If you are unable to insert the plug into the outlet, try reversing the plug. If the plug should still fail to fit, contact a qualified electrician to replace the obsolete outlet. Do not attempt to defeat the safety purpose of the polarized plug by modifying

the plug in any way.

#### **CUSTOMER SERVICE**

Customer service and product support are available on line at www.greatnorthernpopcorn.com.

#### WARRANTY AND RETURN POLICY

All Great Northern Popcorn Company kegerators are warrantied against defects in material and workmanship for a period of one year for residential and personal use under normal conditions. Warranty is limited to replacement parts.

Our return policy allows 30 days from the date of delivery to return products, provided it is new, unused and in the original packaging as received. We highly recommend that the buyer thoroughly inspect the purchased product before using it. We charge a 20% restocking charge on all returned items. Return shipping is the responsibility of the buyer. We cannot accept returns for any reason after 30 days from the date of delivery. A credit will be issued after the item is inspected and accepted.

All shipping damages must be claimed with the designated shipper. Check the shipping carton for damage before signing the bill of lading.

If an item is opened and deemed to be defective within 30 days from the date of delivery, please contact us at www.greatnorthernpopcorn.com for return instructions. A Great Northern Popcorn Company RMA is required when returning defective merchandise. When returning your order please include a copy of your order number with date purchased, your Great Northern Popcorn Company RMA and the reason for the return.

Warranty shall not apply to: products which are used for a purpose other than which they were designed for or which have been altered in any way that would be detrimental to the performance or life of the product. Misapplication, misuse or negligence will revoke the warranty.



IMPORTANT - All persons that will operate this equipment must read and become thoroughly competent with all operating procedures and safety precautions. Misuse of this equipment may result in death, personal injury or property damage.

#### **GENERAL SAFETY PRECAUTIONS**



 You will need this manual for the safety warnings and precautions, operating, inspection, maintenance and cleaning procedures, parts list and assembly diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep this manual and invoice in a safe and dry place for future reference.



The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.



NEVER use this product for anything other than
its intended use. NEVER modify this product.
Failure to comply with the precautions, warnings
and recommendations in this manual will nullify
your warranty and may result in injury or even
death.



4 ALWAYS ensure that this kegerator is plugged into a grounded outlet with the proper power supply available.



DO NOT unplug the machine by pulling or tugging on the power cord. Firmly grasp the plug and remove from outlet.



6. MAKE SURE that the power outlet, plug and power cords used are in good condition. Worn, frayed or damaged plugs, cords and outlets should be replaced or repaired by a certified electrician who is properly qualified to meet local safety and electrical codes. Power supply cords should be replaced by the manufacturer. AVOID using extension cords or 3-prong adaptors.



7. To reduce the risk of electrical shock or fire, MAKE SURE that your unit is properly grounded. NEVER TAMPER WITH, REMOVE OR CUT THE GROUNDING PIN!! The wall outlet used with this kegerator MUST be properly grounded. If you do not have a grounded outlet, have one installed by a certified electrician who is properly qualified to meet local safety and electrical codes.



8 Make sure your machine is unplugged when you conduct any maintenance or repair. A qualified service technician should always perform service or repair.



9. This product is not intended for commercial use.



10 Do not cover the power cord. DO NOT immerse cord in water or use in high traffic areas. DO NOT run cord over carpets or heating sources or elements. NEVER use with damaged cords or plugs.



 INTENDED FOR UPRIGHT, FREESTANDING USE ONLY. Do not install in cabinet or enclosed spaces.



12. DO NOT operate with missing or broken parts.



13 This product is intended for INDOOR USE ONLY. DO NOT USE OUTDOORS.



14 Only qualified repair personnel should perform generator service. Service or maintenance performed by unqualified personnel could result in injury.



15 Do not operate this kegerator in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.



16 **DO NOT** tamper with or modify the controls.



17 **DO NOT** roll a loaded kegerator over carpeting. Make sure your unit is empty before moving it.



18 **KEEP UPRIGHT** when transporting. **DO NOT ALLOW TO TILT PAST 45 DEGREES. DO NOT UPEND OR TURN UPSIDE DOWN.** 

#### **CHILD SAFETY PRECAUTIONS**



19. WARNING! Children must be supervised around this machine. Make sure that children know that this kegerator is NOT A TOY. Close door during operation and leave closed at all times when children are present



20. If you are disposing of this machine, we recommend that you remove the door but leave the shelves in to reduce the risk of injury to children.



IMPORTANT - All persons that will operate this equipment must read and become thoroughly competent with all operating procedures and safety precautions. Misuse of this equipment may result in death, personal injury or property damage.

#### WARNINGS & DANGER NOTICES

**WARNING**: Because of inherent dangers from faulty or inferior cords, avoid the use of extension cords. When you cannot avoid their use, be sure that the cord is a 3-wire cord with a 3-prong grounded plug. The cord should be rated for **AT LEAST** 1875 Watts and a No. 14 AWG minimum size.

**DANGER!** If you are disposing of this machine, we recommend that you remove the door but leave the shelves in to reduce the risk of injury to children. **DO NOT ALLOW CHILDREN TO BECOME TRAPPED**. **ALWAYS** supervise children when using this product and be sure that children are not playing with the unit.

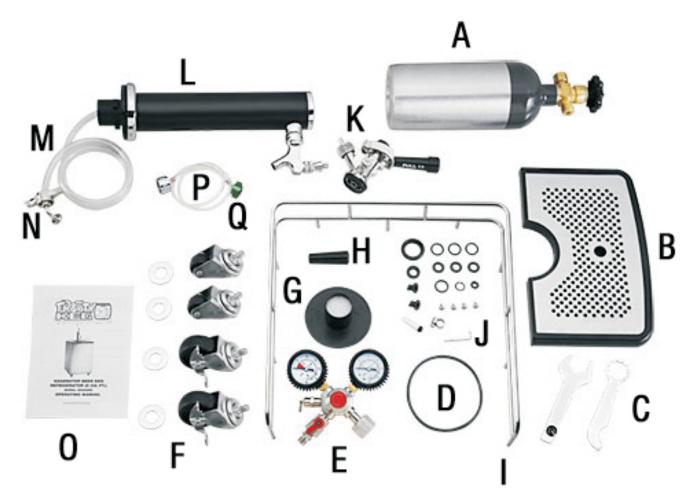
#### LOCATION RECOMMENDATIONS

- 1. INDOOR USE ONLY, DO NOT ATTEMPT TO USE OUTDOORS.
- 2. INTENDED FOR UPRIGHT, FREESTANDING USE ONLY. Do not install in cabinet or enclosed spaces.
- 3. Get the most out of your kegerator! To maximize efficiency and long life, use near a proper electrical outlet and ensure that there is adequate ventilation and clearance around the unit. **Allow at least 5 inches clearance around all sides of the kegerator**. **Dimensions:** 21.3"W x 26.6"D x 33.2"H (with casters)
- Avoid locations where this unit will be in contact with heating elements or direct sunlight.

## CO, SAFETY PRECAUTIONS, WARNINGS & DANGER NOTICES

- DANGER! Carbon dioxide is a potentially dangerous gas. Canisters or cylinders are under pressure and proper handling is essential for safety. Familiarize yourself with canister installation and replacement before operating this unit. HANDLE WITH CARE. Never jostle, toss or treat cylinders roughly. If you experience headache or difficulty breathing, a leak may be occurring; open windows and doors to ventilate the area and leave immediately.
- 2. **INTENDED FOR UPRIGHT, FREESTANDING USE ONLY.** Do not install in cabinet or enclosed spaces.
- 3. Store CO<sub>2</sub> canisters away from heat or explosive gasses. Keep in a cool, dry space (<70 degrees F) and chain containers upright to avoid tipping or knocking. Always wear gloves and safety glasses when around chemicals.
- 4. Review and follow instructions for changing CO<sub>2</sub> cylinders. **NEVER CONNECT A CO<sub>2</sub> CANISTER DIRECTLY TO THE UNIT!** To avoid potential explosion that could result in grave injury or even death, **ALWAYS CONNECT THE CANISTER TO THE CO<sub>2</sub> REGULATOR**. 2 safety valves are located separately; safety valve in the regulator and safety valve in the CO<sub>2</sub> canister. **DO NOT REMOVE VALVES, DO NOT EXCEED 60PSI.**
- 5. **DO NOT ATTEMPT TO REFILL CO<sub>2</sub> CANISTERS!** Refills are available where most canisters are sold (see page 10 for more information).

## **KEGERATOR PARTS**



# FROSTY KEG PARTS LIST

A: CO<sub>2</sub> CANISTER
B: DRIP TRAY
C: WRENCHES

D: CO<sub>2</sub> CANISTER STRAP
E: DUAL GAUGE REGULATOR
F: CASTERS AND WASHERS

G: BEER TOWER PLUG

H: BEER TOWER SPIGOT HANDLE

I: GUARDRAIL

J: EXTRA WASHERS, BEER CHOKE FLOAT, ALLEN WRENCH, CO, LINE WASHERS

K: KEG COUPLER
L: BEER TOWER
M: BEER LINE

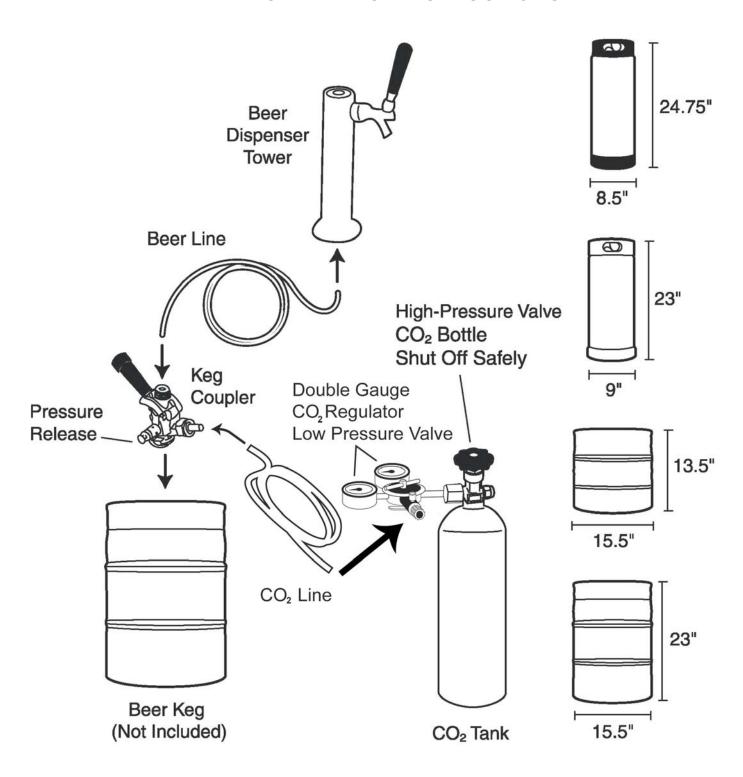
N: BEER LINE COUPLER

O: MANUAL P: CO<sub>2</sub> LINE

Q: GREEN CO<sub>2</sub> LINE COUPLER
R: KEG BOARD (NOT PICTURED)

# **KEGERATOR FLOW AND PARTS**

#### SAVE THESE INSTRUCTIONS



## **UNPACKING YOUR KEGERATOR**

Be sure that you are thoroughly familiar with the assembly and installation process before turning on your kegerator.

**IMPORTANT!** You should position your unit in an upright position and allow to sit for at least 8-10 hours before plugging into an outlet. This will allow any refrigerant that has moved to settle back to where it should be before operation.

#### REMOVING PACKAGING

- Your kegerator is shipped in double-walled cardboard for maximum protection (Figure 1). Remove this cardboard carefully. You may wish to leave the bottom cardboard panel beneath the kegerator to protect flooring when assembling guardrail, tower, tank and casters.
- 2. Your kegerator is also shipped with a protective plastic lining (Figure 2) on the door to protect it during assembly. To prevent scratches or accidental blemishes during the assembly process we recommend leaving this coating on until assembly is complete.
- 3. The unit is shipped ready for refrigerator use (Figure 3) with shelves in place. To use as a refrigerator simply remove the packaged parts and the keg board, insert the beer tower plug (see page 5 for parts list), adjust the temperature settings, and after allowing ample time for the refrigerant to settle after shipping, plug in the unit. To assemble as a kegerator follow the rest of the assembly steps in this manual.
- 4. Remove shelves, shelf rack and packaged parts from the kegerator cabinet. Unpack the parts and consult page 5 to become familiar with all assembly parts. Note: your unit ships with several extra washers; please be sure to keep these in a safe place with the manual in case you should ever need them.



Figure 1



Figure 2

# **KEGERATOR ASSEMBLY**

## CASTER ASSEMBLY

- . To install the casters (page 5, F), first make sure everything is removed from the kegerator cabinet, then tilt the front side of the unit back slightly on a dry and padded surface. Do not tilt more than 30 degrees when installing casters to avoid jostling any refrigerant.
- 2. Install casters into holes on bottom of kegerator as shown in Figure 4 and tighten with a 3/8" wrench (not provided). Two of the four casters provided are equipped with locks to prevent slipping of the keg on smooth surfaces such as hardwood floors, linoleum or tile. These casters should be installed on the front of the unit. IMPORTANT! Casters should be installed with wrench to prevent breakage!
- Once all 4 casters are attached return the kegerator to an upright position and allow to remain for at last 8-10 hours (see **Note** above).





Figure 3



Figure 4

#### STEP BY STEP ASSEMBLY GUIDE

**IMPORTANT!** It is essential that you review and follow the installation and precautions on pages 9 and 10 of the manual to avoid injury to yourself and others. These update pages outline the assembly and adjustment of the kegerator system and pay particular attention to common problems that may arise. Co<sub>2</sub> IS AN ODORLESS, INVISIBLE GAS DELIVERED UNDER PRESSURE. ALWAYS HANDLE WITH CARE!



- 1. Locate the beer tower, faucet handle and line (**Figure a**), then attach the faucet handle by screwing it into the faucet top (**Figure b**).
- 2. Next, locate the beer line washer and insert it into the beer line coupler (**Figure c**).

**PLEASE NOTE:** This connection is one of the crucial connections in your system. Be careful to insert the washer so that it is laying flat and evenly, and when connecting, do not over tighten. Failure of the washer at this junction can cause loss of pressure and over-foaming.

- 3. Locate the beer tower washer, and slide it onto the beer line, running the coupler end through the washer first (**Figure d**), then attach snugly onto the end of the beer tower (**Figures e**).
- 4. Thread the beer line through the hole on the top of the kegerator, coupler end first (**Figure f**). Set the beer tower upright by lining up the grooves on the bottom of the tower with the grooves on the kegerator hole's top. Fit end snugly into hole (**Figure g**).

Note: The tower will be off-center as shown in **Figure g**, but the next step will snap and lock it correctly into alignment.

5. Firmly grasp the tower and spigot (**Figure h**) and rotate the tower clockwise until it stops. Take care not to bend the spigot as you do this. When finished the spigot will face straight ahead. (**Figure i**).



rigure i



Figure g

Copyright 2011 DTX International

Figure h



Figure a



Figure b



Figure c



Figure d



Figure e



Figure i

## CO, REGULATOR INSTALLATION

Proper installation of your CO<sub>2</sub> regulator and a thorough understanding of CO<sub>2</sub> canisters is essential to the safe use of this product. Review and follow instructions for handling CO<sub>2</sub> cylinders and this section in particular to ensure your safety and the safety of others.

NEVER CONNECT A CO<sub>2</sub> CANISTER DIRECTLY TO THE UNIT! To avoid potential explosion that could result in grave injury or even death, ALWAYS CONNECT THE CANISTER TO THE CO<sub>2</sub> REGULATOR.

**IMPORTANT!** Your CO<sub>2</sub> canister is shipped to you EMPTY for safety reasons. You will need to get this canister filled before you can use your unit. In most places you can get canisters filled at:

- stores that sell kegs
- party stores or convenience stores
- fire and welding supply stores

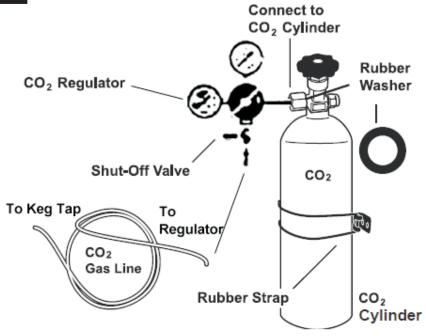


Figure A

#### DO NOT ATTEMPT TO REFILL CO<sub>2</sub> CANISTERS YOURSELF!!

DANGER! Carbon dioxide is a potentially dangerous gas. Canisters or cylinders are under pressure and proper handling is essential for safety. ALWAYS HANDLE WITH CARE!



#### **SPECIAL PRECAUTIONS**

Ensure that the safety devices for your pressurized system are installed and remain installed. Once installed, **NEVER** remove the rubber washers in the regulator attachment nut to the canister or in the tap mechanism. **NEVER** bypass these safety features.

Failure to comply will void your warranty and could result in serious injury or death!

To install the dual-gauge regulator onto the CO<sub>2</sub> canister:

- 1. Ensure the white vinyl washer is in place within the regulator CO<sub>2</sub> fitting. This should already be factory installed. (**Figure B**)
- Next, loosen the pressure gauge on the regulator by turning the red knob all the way to the left. You may need to use the allen wrench provided to loosen the knob by turning the small set screw on the bottom of the knob.

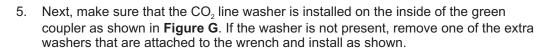


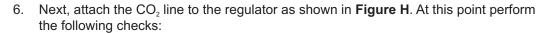
Figure B

#### Co, REGULATOR INSTALLATION CONTINUED...

- 3. The knob may turn by hand, but if needed, use a pair of grips or pliers (**Figure D**) to get it started and then open by hand all the way to the left (**Figure E**).
- 4. Next, attach the regulator to the CO<sub>2</sub> canister as shown in **Figure F**. Hand tighten the coupler, then use the wrench provided (see page 5, C) to finish securing the connection.

**Note:** When attaching the regulator to the canister, make sure that the gauges remain upright as show in **Figure F**. This will ensure that the gauges will be easy to read when the canister is installed in the cabinet, and that the shut off valves are easily accessible. **Note:** When facing the gauges securely installed, note that the topmost gauge indicates the PSI pressure flowing through the line to the keg and the left hand gauge indicates total tank pressure.





a. Make sure that the red lever on the regulator that leads to the CO<sub>2</sub> line is in the OFF position, as is shown in **Figure H**. The lever should be perpendicular to the line.

b. Make sure that the round red pressure knob is opened all the way to the left and be sure that the CO<sub>2</sub> tank's valve is shut so that no gas is flowing.



Figure D



Figure E



Figure F

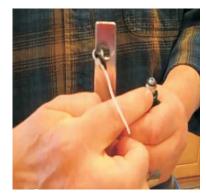


Figure G



Figure H

## SECURING THE CO, TANK INSIDE CABINET

- 1. Locate the canister strap (page 5, D). Loop the strap onto the back fastener located on the cabinet interior and place CO<sub>2</sub> tank, with regulator and CO<sub>2</sub> line attached, onto the back shelf.
- 2. Stretch the strap around the tank and hook one end of the strap loop to the foremost fastener on the cabinet as shown (**Figure I**). The strap will fit very snugly.
- 3. Double check that all connections are secure, that the green coupler on the CO<sub>2</sub> line is tightened and that all valves are OFF.



Figure I

## TAPPING THE KEG

#### INSTALLING KEG TAP ON SINGLE BARREL TYPE KEG

This kegerator's coupler (page 5, E) is compatible with a ¼ pony keg sized barrel and a ½ barrel full size (U.S.A.). The kegerator is capable of holding a 5 gallon cornelius keg and a 5 gallon D system keg, you may discover that you will need to use an alternate keg coupler.

Your CO<sub>2</sub> canister has a capacity of 2.5 lbs. which will deliver approximately four 15 gallon kegs of beer.

#### To tap a keg:

- 1. First, be sure that the keg coupler's black dispenser handle is closed (pushed up, see **Figure N**). Also, make sure that the tower dispenser (on top of kegerator) handle is closed before proceeding with tap to keg connection.
- Next, check the bottom of the coupler to make sure that the black washers, which should be installed by the factory, are present and securely in place (Figure O). If the seals are not installed, check the extra washers (page 5, J) and insert to ensure a snug coupler/keg connection.
- 3. Insert the CO<sub>2</sub> line's black rubber "Top Hat" washer into the coupler's sidemost connector for the CO<sub>2</sub> line (there are two of these included in your packaging along with the other extra washers...they are hat shaped and taper to a pointed end with a slit to better regulate gas flow...see Figures P&Q). Insert tapered end first into coupler.
- 4. The topmost connection on the coupler is for the beer line.
- 5. Fit the keg coupler into the top of the keg neck's slots (**Figure R**), being **careful not to press down on the coupler handle**. Press down on the coupler (not the handle) and perform a quarter turn clockwise to lock the coupler and keg together (**Figure S**). The keg is now tapped and you are ready to attach the CO<sub>2</sub> line and beer line to the keg coupler.



#### SPECIAL PRECAUTIONS

Ensure that the handle remains in the up position until all lines are hooked up and you are ready to dispense beer. Even though the  $CO_2$  line is not yet hooked up there may still be a fair amount of pressure in the keg.



Figure Q



Figure R





Figure O



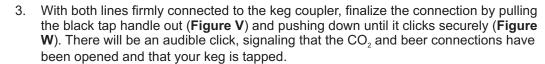
Figure P



Figure S

## KEGERATOR OPERATION

- 1. To begin using your kegerator you will need to attach the CO<sub>2</sub> line and the beer line to the keg. First, after double-checking to ensure that the silver end of the CO<sub>2</sub> line has a washer installed and that the keg coupler's CO<sub>2</sub> connection's hat-shaped washer is in place, attach the silver end of the CO<sub>2</sub> line to the CO<sub>2</sub> connection on the keg coupler (**Figure T**). Hand tighten securely.
- Next, connect the beer line to the top of the keg coupler, making sure that the beer line coming down from the tower has a washer-gasket installed (Figure U). If the washer is not already installed, there will be one or more in the parts bag. Ensure the washer is lying flat within the connector before installing the beer line. Hand tighten securely.



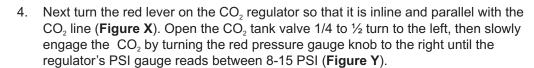




Figure T



Figure U



with the most pressure.

Figure V



NOTE: Too much pressure can cause foaming issues. It is usually best to start at a lower pressure and gradually increase to where you get a good pour

Figure W



Figure X



Figure Y

- 5. Locate the white plastic raised bump "keg board" (page 5, R) which you initially removed from the bottom floor of the kegerator during unpacking. Replace the keg board in the bottom of the kegerator, raised bump side down (**Figure Z**).
- Next, carefully lift the keg atop the keg board and slide all the way into the kegerator (Figure AA). HANDLE CAREFULLY. Do not jostle or bang keg! Make sure that the kegerator door can close easily.

#### IMPORTANT!!

If you want to plug in your kegerator, be sure that you are connected safely to the proper power supply: a 120V, 60Hz, 16 Amp grounded AC outlet. The cord should be rated for AT LEAST 1875 Watts and a No. 14 AWG minimum size.

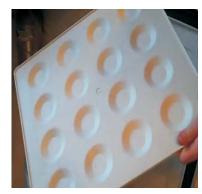


Figure Z

## **KEGERATOR OPERATION**

7. Set the temperature to mid level and allow the keg to chill for 24-48 hours. Decrease temperature as desired, but DO NOT allow the keg to freeze. Freezing the keg will result in flat beer once thawed.

NOTE: Beer pours best at cooler temperatures. It is best to get the beer as cold as possible without freezing. A refrigerator thermometer is highly recommended to monitor your kegerator temperature.

8. Before opening the tower spigot, slide the drip tray beneath the spigot to catch excess beer, then pull the tower handle toward your body to open the tap and dispense beer. To pour a beer with a proper head of foam, **tilt the glass at a 45 degree angle until approximately 2/3 full**, then straighten the glass and finish pouring beer.

Beer dispenses best at lower pressures. You will need to find the happy balance between to much and too little in order to get a good pour without too much foam.

Note: If beer does not dispense, check previous sections on regulator hookup and tapping the keg.

If your beer is running too slowly, adjust the pressure on the regulator judiciously (**DO NOT EXCEED 15 PSI**).

Condensation on the spigot or tap is normal. It may take as much as 7-8 glasses of beer to reduce the amount of foam (Figure AB) dispensed after first tapping a keg.



Figure AA



Figure AB

## STORING YOUR KEGERATOR

- To prevent ice buildup on the inside of the cabinet, set the temperature control to MID or LOW if you live in a cold area. This unit does not self-defrost. The temperature control is located inside the kegerator cabinet.
- 2. If you do not anticipate the use of your kegerator with a tapped keg for a period of two weeks or longer, rinse the beer line to prevent mold or bacterial buildup which could cause illness.
- 3. Never use sharp objects in your kegerator. If you are storing your machine, be sure to prevent children from playing in or around the unit.

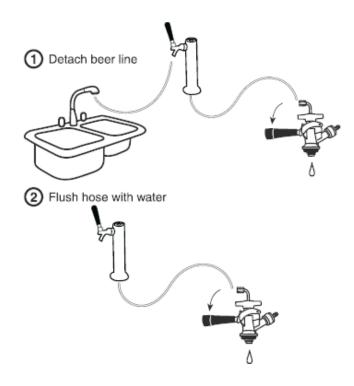
DANGER! Children can become trapped in an unsecured and unsupervised environment.

## **MAINTENANCE & STORAGE**

#### **CLEANING & MAINTENANCE**

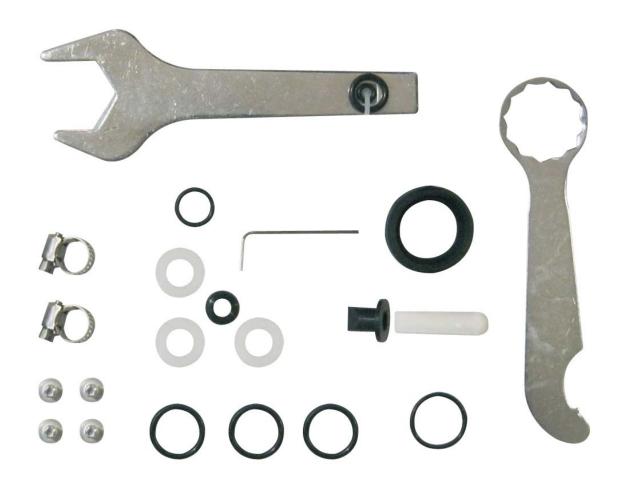
To clean the lines and tap, first:

- 1. TURN OFF CO2.
- 2. Next, wipe the outside of the kegerator, clean drip tray and around guardrail. Clean the inside of the cabinet by wiping with a damp cloth. Clean gasket on door to help eliminate trapped, spilled beer which could produce mold and mildew.
- 3. Disconnect the beer hose from the tap coupler and twist dispenser faucet carefully off the top of the kegerator.
- 4. Set the dispenser handle to the open or down position before flushing, then position the faucet over a sink and hold the beer line under running water for approximately 5 minutes, allowing the water to flush out the faucet head. This will also help eliminate trapped, spilled beer which could produce mold and mildew.
- 5. Reconnect beer line and dispenser faucet when done or leave disconnected if you plan to store for a long period.



For further information, please contact sales@greatnorthernpopcorn.com

## ASSEMBLY PARTS



## **SPARE PARTS**

Your kegerator comes with extra washers for your convenience...if you are having trouble properly seating a washer, or your connections are worn, use the spare parts to make sure your fittings and connections are secure.

This will ensure that you are getting the most from your entire system.

