# JuniorPack
# Item N° JP2002

## Beverage Backpack 5 litres (1.5Gall)

# Manual & Cleaning Instruction

**Basic Equipment**

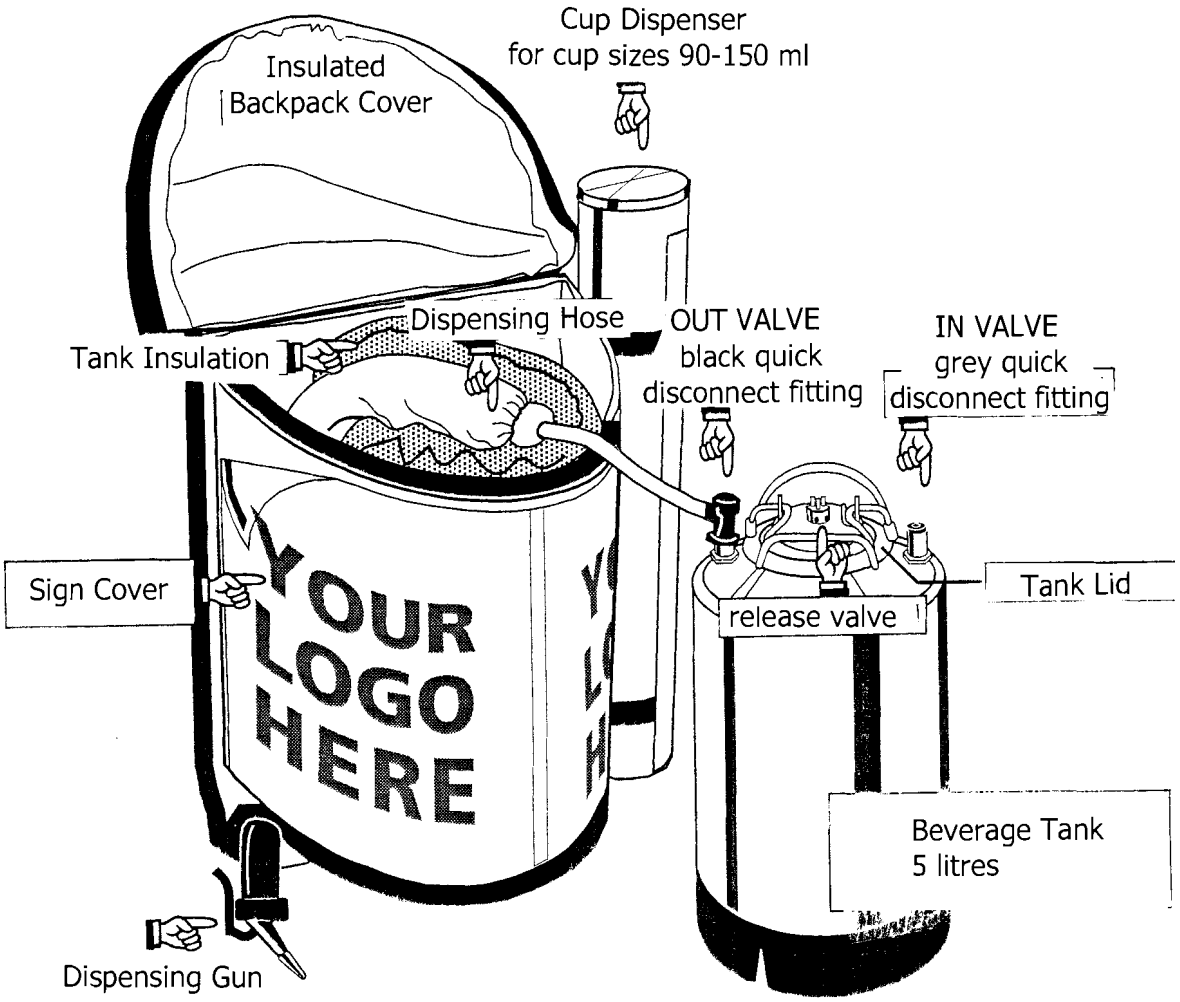
Each **JuniorPack - Beverage Backpack 5 litres (1.5Gall)**
Item # JP2002 comes with the following:

- 1.5Gall (5 litres) Stainless Steel Beverage Tank
- Insulated Backpack Cover
- Harness assembly with shoulder & chest straps, hip belt and lumbar support
- Sign Compartment (clear vinyl), replacement
- Cup Dispenser, durable transparent, for cup sizes 90-150 ml
- Dispensing Gun & Hose insulated and covered
- Vendor's apron (colour black)

You will need to purchase pressure equipment separately for pressurize the tank:

- To dispense *Carbonated Drinks* CO2-Attachment (Item # RP1110) for 16g CO2-Cartridges would be recommended.

- To dispense *Non-Carbonated Drinks* Manual Hand Pump with Manometer (Item # RP1112) would be recommended.



# User instructions ...

| Item # | Description |
|---|---|
| JP2002 | JuniorPack<br>Backpack-Drink-Dispenser<br>1.5 Gallons (5 litres)<br>Stainless Steel Beverage Tank<br>Dispensing Hose & Gun<br>Cup Dispenser 90-150 ml<br>Sign Compartment<br>Vendor's Apron |

**Beverages** You can dispense virtually any beverage. It's best to use a concentrate rather than a crystal. If crystals are used try to pre-mix them in another container and then pour it into the 5 litres stainless steel tank. Keeping your beverage cold is also very important, the colder you have the beverage pre-chilled the better, even though the backpack can insulate well, it's always better to start with very cold beverage. This will also eliminate any pouring problems that may occur. The same goes for hot beverage the hotter the better. With hot beverage please keep in mind that some of the parts are plastic.

**Dispensing** The principal is quite simple. You pressurize the keg using the hand pump or you use the $CO_2$ automatic or air-compressor, hook up the dispensing hose and your ready to go. The tank works by pushing the beverage down from the top (with air pressure) and up through the dispensing tube to the hose and gun. If you look into the tank you will see the dispensing tube inside.

**Hook up** If you look closely at each disconnect fitting on the 5 litres tank, you will see that they are a little different. The beverage disconnect (black) has a little ridge on it and the air or gas (gray) disconnect does not. This is why disconnect on the hoses can only fit onto the proper disconnect on the tank.

**Signage** Best to use a laminated sign made to fit if possible. Make sure that the sign is dry before inserting this can lead to small air pockets on the sign itself, not to mention making it harder to take out.

**Cleaning of parts** We can not stress enough the importance of this. Clean and dismantle the dispensing gun and hose after each use. One of the easiest ways is to take a cleaned pressurized tank filled with water and hook it up to the dispensing hose and gun. Now you simply pour out clean water for a few seconds (30sec) and you ready to pack up.

**Keeping Cold** Always try and have your beverage as cold as possible before dispensing. Keep in mind that the backpack will be dispensed with in a 1 hour on Beverage so there is no time for cooling once you insert the tank into the backpack.

**Keeping Hot** Always fill the tank with as hot of a beverage as possible.

**Filling and Pressurizing Instruction**
**Carbonated/Non-Carbonated Beverage Backpack**
**JuniorPack (Item # JP2002)**

Here the JuniorPack beverage container is filled up with 4/5 litres of beverage liquid (e. g. beer, soft-drinks, juice, coffee, tea, hot chocolate …). The remaining container volume serves as compressed air/$CO_2$ receiver. The firmly locked container receives than over the gas valve (IN contact) with application of the hand pump a head printing from 6 bar (approx. 85 PSI) or with application of $CO_2$-attachment a constant $CO_2$-pressure.

Before and after dispensing beverage the golden rule is, make sure the 5 litres JuniorPack beverage tank is clean and then your product will always retain its original taste.

**Methodology:**

1. Separate the quick connect coupler "black" from the beverage line and the quick-disconnect coupler "grey" from the gas line of the JuniorPack beverage container. Pull for this the outside of the quick-disconnect coupler with showing and middle finder upward.

2. Remove the beverage container of the isolation of the backpack. The container cannot be also filled up, without from the backpack to be taken, is recommendable however.

3. Remove know the lid from the JuniorPack beverage container, in which you upward pull the handle in the centre. If the container is at printing, get the lid not equivalent off. The printing must be discharged only. Upward put for this the bleed valve at the lid. Printing goes off is a hissing so long to be heard. Hissing is no more is not to be heard. Bent bleed valve again downward. The lid can be removed now.

4. Filling now over the container opening 4/5 litres of beverage liquid into the JuniorPack beverage container and stretch the lid again fixed to its workstation. Please on the fact it notes that the gasket at the lid sits correctly.

5. Next you must execute the pressure build-up in the beverage container. For this you put the quick-connect coupler "grey" from the manual hand pump or $CO_2$-attachment to the IN valve of the JuniorPack beverage container. Hand pump or $CO_2$-attachment can be mounted alternatively.

**Desired supply pressure can be only achieved if lid is correctly created!**

**Non-Carbonated Pressurizing with application hand pump**
(Fill up the JuniorPack beverage container with 4 litres liquid)

6. After the connection is correctly created, you can begin with the pressure build-up (pumps). At the hand pump is a control manometer with the scale 0-10 bar (red digits) / 0-100 PSI (black digits). Operate the pump please so for a long time, until

the display points to 5/6 bar (approx. 85 PSI). During the pressure build-up if hissing, of the lid, should hear you then the recover is incorrectly created or the gasket slipped. Check please and errors recover. After achieve the desired supply pressure, the quick-disconnect coupler "grey" again from the IN valve solve.

If you know the dispensing gun at the beverage line operate press 6 bar (85 PSI) printing the beverage liquid from the container. The container can be completely emptied. The velocity of flow of the beverage can turn trough at the adjustment screw – left of the release lever of the dispensing gun – to be adjusted.

*The first dispensing out can be stream out very fast. We recommend that first dispense in the drain to try out at the soil (if possible) or in a receptacle before you fill the cup of the consumers.*

**Carbonated Pressurizing with application $CO_2$-attachment**
(Fill up the JuniorPack beverage container with 5 litres liquid)

7. After the connection is correctly created, you can begin with the pressure build-up. For $CO_2$-operation tightly fix capsule holder onto thread with correctly inserted capsules, so that an escape of $CO_2$ is prevented. Turn only one 16g $CO_2$-capsule in the capsule holder, you can serve with it 5 litres beverage. Before you can start with taping you must push down the regulator wedge on sign "plus" pressure will build up in the beverage tank within seconds. For change the capsule pull the regulator wedge on sign "minus" again.

8. Now you can lead the beverage container again into the isolated backpack system. The beverage container so far it only goes into the isolation shifting. Afterwards the beverage line quick-disconnect coupler can be created back. It makes certain that the beverage line is not set on the IN valve!

9. Please you put first the backpack correctly to before you keep out the beverage liquid.

**Serve the beverage liquid only with created backpack execute!**

# Cleaning and Sanitation
# Carbonated & Non-Carbonated Beverage Backpack

**Important:** The stainless steel beverage tank, dispensing hose gun, valves and hoses must be cleaned and sanitized at the end of each day's use. The beverage tank is capable of withstanding repeated cleaning without resulting in off-taste or material degradation.

We recommend using a beer-line cleaner for cleaning a small quantity of beverage tank and dispensing hose/guns.

1. Remove the beverage tank from the insulated backpack.
2. Un-lock latch and remove lid.
3. Rinse out the tank.
4. Pour approx. 1 gallon (4 litres) of warm tap water into the tank.
5. Add a cleaning concentrate (be sure to use a solution especially made for cleaning stainless steel food service equipment). Replace lid and shake the beverage tank for 10 seconds.
6. Allow the solution to remain in the tank for three additional minutes.
7. Connect the grey disconnect fitting from the Hand Pump to the IN valve of the beverage tank and pressurise the beverage tank at approx. 50 PSI.
8. Connect the dispensing hose to the beverage tank. Squeeze trigger and flush liquid through the hose.
9. Rinse beverage tank with warm tap water twice. Shake vigorously. Fill up for a third time. Repeat steps 7 and 8.
10. Cleaning and sanitation is complete. Allow the beverage tank to dry before replacing lid, if possible. Replace lid and store for next use.

**Notes/Tips:** If you use the beverage tanks for two or three days in a row, you may fill the tanks with the beverage products (e. g. soft drinks, beer, juice …) and put them in a refrigerator for overnight storage instead of cleaning them every day. Be sure the latch is secure properly to prevent loss of pressure and carbonation, leading to a "flat drink". We recommend cleaning a minimum of every 2 – 3 days.

# Troubleshooting

## 1. NO liquid comes out

- Check the connection of the Dispensing Hose (Black Quick Disconnect "OUT" Fitting) on the "OUT" Valve of the Beverage Tank to be sure its properly connected.
- Increase the flow by turning the adjusting screw on the Dispensing Gun counter-clockwise. DO NOT REMOVE ENTERELY.
- Do not increase pressure.
- Be sure the latch on Tank Lid is shut tightly and the Pressure Release Valve is closed to prevent compressed air from escaping.
- Check the dilution if beverage concentrates as improperly mixed syrups, powders, and concentrates can clog the Dispensing Hose and Gun. Remove coffee grounds, if necessary.

## 2. Beer or Soft Drinks have too much foam

- Foam is caused by either warm temperatures or over pressurization.
- Monitor the temperature of liquids sitting idle in the Dispensing Hose. Discarding an ounce or two of warm beer or soda may be required if proper serving temperature is not maintained in extreme heat or cold.
- If pre-filled Beverage Tanks are used, make sure they are kept chilled in a container with crushed ice or refrigerator (see at 33 degrees).
- If you are not selling three gallons of beverage product within one hour, you may want to fill the Beverage Tank halfway in order to reduce the amount of time the liquid spends in the backpacks.

## 3. There is no enough pressure to dispense all of the liquid in the tank

- Was the CO2- bottle & Regulator properly full pressurized by your local CO2 supplier?
- Are all fittings (nuts and bolts) tightened?
- Is the latch and lid securely closed on the Beverage Tank?

## 4. The Dispenser Hose/Gun Leaks

- If leak comes from the base of dispenser gun: Dismantle gun and tighten fittings.
- If leak comes from inside of the insulation, return Hose to Rocket Packs Co. for service.

# Non-Carbonated / Troubleshooting

## Troubleshooting

### 1. NO liquid comes out of the dispensing hose

- Regulate the flow of liquid by adjusting the knob at the left side of the dispensing gun. Turn the screw counter-clockwise to increase the flow.
- Make sure dispenser hose (black quick connect) is properly connected (locked) to the "out" valve on the beverage tank.
- Is the Hand Pump for pressurizing the tank attached properly. You might not have enough pressure to push the product out.
- Was beverage concentrate properly mixed? Thick syrup and powders can clog the lines if not properly diluted.
- If coffee was dispensed, remove all coffee grounds.
- If nothing else works, dismantle the dispensing hose/gun and remove quick disconnect fitting – FLUSH WITH WATER:

### 2. The beverage tank won't hold pressure

- Is lid and gasket securely in place?
- Is the "gas release" valve on the beverage tank closed?
- Are the quick disconnect fittings (IN and OUT) securely fastened?

### 3. The dispenser hose leaks

- If leak comes from the base of the dispenser gun, dismantle gun and tighten fittings.
- If leak comes from black disconnect fitting, tighten fitting.
- If leaks come from the inside the insulation, return hose to us for repair or replacement.

**Full Two Year Warranty On All Components**

For two Years from date of purchase, Rocket Packs Backpack-Beverage-Systems will repair or replace any component, free of charge, if defective in material or workmanship.

Repairs necessitated by normal wear, accident, improper care or negligence, are not covered under this guarantee, and products returned under these conditions will be repaired or replaced for a reasonable charge.

Warranty registration is not necessary to receive the privileges of the Warranty.



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