Rocket Pack
Beverage Backpack

Professional dispensing of hot/cold beverages with/without carbonation

Item No.: Pro 19-liters

Rocket Packs®
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Equipment Pro 19-liters „Carbonated Beverages"

▸ Special Backpack Cover - reinforced construction by aluminum struts incorporated in the back
▸ Insulation Plus, up to 3/4 hours or more through the extra iso cover for beverage container

Product Features/ Technical Data:

- Material: Truck Tarpaulin (641 COMPLAN Original)
- Color: Silver/Black
- Backpack Dimension: H 72 x W 35 x D 35 cm
- Weight (not filled): 8.5 Kg
- Advertising Surface (visible surface): H 63 x L 77.5 cm
- Cup Dispenser: Clear, plastic, suitable for disposable cups 350-710 ml
- Beverage Tank: AFG Container NC (Steel), 19-liters
- Hand operated Air Pump as pressure equipment (suitable for any kind of beverage)
- Vendor's Apron incl. 3 front bags (Material & Color same as backpack)

Equipment Pro 19-liters „Non-Carbonated Beverages"

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Instructions / Basic Structure

► Backpack & Insulation

The article Pro 19-Liter is a fundamentally solid, robust beverage backpack with a low weight and excellent insulation (up to 3/4 hours and more). Can be used for all "carbonated and non-carbonated" beverages, hot and cold. Ideal for uncomplicated and fast beverage service.

In filled condition the total weight of Pro 19-liters beverage backpack is approx. 28 kg. The ergonomic construction of the special backpack ensures a high level of carrying comfort and reduces strain on the back and shoulders of the wearer.

The thermal insulation in the backpack and the beverage line, keep the container filling at a constant temperature for a longer period of time (up to 3/4 hours). This ensures optimal beverage enjoyment.

► Beverage line & tap

The backpack can optionally be equipped with ...

Standard Dispensing-Tap

Premium Dispensing-Tap

Both tap versions can be used for carbonated drinks as well as for still hot/cold drinks.

If the unit is used with a CO2 cylinder ...

... it is necessary to employ the Compensator Tap

Important!

Check the temperature of the liquid which has been in the beverage line for a long time. In case of extreme heat, the liquid in the pipe may heat up. It is advisable to pour them away to restore the actual temperature of the drink when pouring.

▸ AFG Beverage Container NC

The 5 Gallon (19 liters) beverage containers can hold any beverage, carbonated or still, hot or cold (e.g. cola, beer, fruit juices, coffee, tea, mulled wine, drinking yoghurt etc.). The maximum pressure load for the container is 7bar (100 PSI).

Capacity of the 5 Gallon (19 liters) Beverage Container:

Cup Size:	0,2 L	Serving per container:	approx. 95 cups
	0,3 L		approx. 63 cups
	0,4 L		approx. 48 cups
	0,5 L		approx. 38 cups

▸ Cup Dispenser

The cup dispenser is attached to the Rocket Pack backpack with VELCRO fasteners. It can be removed and reattached in seconds. The cup dispenser tube holds approx. 100 disposable cups of the size 350-710 ml (optional cup dispenser for larger volumes or re-usable cups available).

Filling & Remove of Cups:

Flip up the flip lid and fill the cups at the top. During the filling process, hold the free hand at the other end to prevent the drinking cups from slipping through.

The drinking cups can be easily removed one at a time by grasping only the bottom edge of the last cup and pulling it out of the dispenser tube with a short jerk.

If it happens more often that several cups come out at once, please check the metal clips in the dispenser tube.

Press the clips slightly inwards to increase the tension again!

▸ Transparent Cover (for advertising insert)

The generous half-shell-shaped area on the back of the Rocket Pack beverage backpack provides information about the contents or can be used as image advertising for services and products.

Velcro strips all around fix the transparent cover to the backpack system. Copies or color prints, protected from the weather, can be inserted in seconds.

Dimensions for advertising insert: H 63 x L 77.5 cm

Filling & Serving of non-carbonated beverages

Filling the container with non-carbonated beverages

(Backpack model Pro 19-liters for non-carbonated beverages)

The Rocket Pack beverage container is filled up with 19-liters of beverage liquid. No additional pressure accessories such as air pump, air compressor or nitrogen needed. The container is emptied by natural gravity

Methodology:

1. Always remove the Rocket Pack beverage container from the backpack cover to fill it. This prevents unnecessary contamination of the backpack during the filling process. The backpack cover is equipped with a zipper on the side of the beverage line so that the removal of the container is easy to handle on all rucksack models.

***** Do not remove the beverage line from the beverage container *****

2. To fill the beverage container, pulling up the bracket in the middle pressure, you will not be able to immediately. The pressure must be the ring on the air release valve, in upwards and hold it there. As long hissing sound can be heard. If the release the ring again. The tank lid

remove the container lid by of lid. If the container is under remove the container lid released first. To do this, pull the middle of the container lid, as pressure is released, a hissing is no longer audible, can now be removed.

3. fill through the opening of the container 19-litres of beverage liquid into the Rocket Pack beverage container and tighten the container lid firmly back into place. Please make sure that the sealing ring on the container lid is correctly seated!

4. Before closing the lid of the backpack, you must pull the ring on the Safety-Valve of the container lid upwards and lock it by turning it to the left or right. The released valve will equalize the pressure in the container during serving.

5. please put on the rucksack properly before start the dispensing procedure.

Only serve drinks with a properly fastened backpack!

6. If you now operate the trigger lever of the tap on the beverage line, beverage liquid comes out. The container can be emptied completely except for a small residue. Dispose of residues before refilling and do not mix with the fresh drink.

Our tip for keeping the quality of your drinks ...

For serving hot drinks (coffee, mulled wine, tea etc.), rinse the stainless-steel beverage container with hot water to warm it up before fill with your final hot beverage!

For serving cold drinks (water, iced tea, juice, wine etc.) rinse the stainless-steel beverage containers with cold water or place in the fridge for a few hours, before filling it your desired cold beverage!

Filling & Serving of carbonated/non-carbonated beverages

Beverage dispensing using the hand-operated air pump

(Backpack model Pro 19-liters for carbonated beverages)

The Rocket Pack beverage container is filled up with 19-liters of beverage liquid via the hand opening or via a closed filling system. The tightly closed container then receives the required delivery pressure (dispensing pressure) via the gas valve (IN-Valve) using the hand-operated air pump.

With the hand-operated air pump, any carbonated or non-carbonated hot/cold beverage can be served from the Rocket Pack beverage backpack.

Methodology:

1. Disconnect the BLACK coupler of the beverage line (Out-Valve) and disconnect the GREY coupler of hand-operated air pump (IN-Valve) from the beverage container. Pull for this the outside ring of the couplers with showing and middle finger upwards.

2. Remove the beverage container from the insulation of the backpack. The container can also be filled without removing it, but is not recommended due to contamination on and in the backpack during filling.

3. Now remove the container lid from the Rocket Pack beverage container by pulling up the bracket in the middle. If the container is under pressure, you will not be able to remove the container lid immediately. The pressure must first be released. To do this, pull the ring on the air release valve in the middle of the container lid upwards and hold it there. As long as pressure is released, a hissing sound can be heard. If the hissing is no longer audible, release the ring again. The tank cover can now be removed.

4. Now fill 19-liters of beverage liquid into the Rocket Pack container via the container opening - or closed via the beverage line - and tighten the container lid firmly back into place. Please make sure that the sealing ring on the container lid is correctly seated!

5. We recommend to check the tightness of the container lid. To do this, connect the GREY coupler from the hand-operated air pump to the gas line (IN valve) of the Rocket Pack beverage container. Caution: Do not connect to the beverage line (OUT valve)!

6. After the connection has been made correctly, you can start to build up the dispensing pressure in the beverage container. Please activate the air pump until the pressure resistance does not allow further pumping. If you hear a hissing sound from the tank lid during the pressure build-up, the lid is not properly fitted or the O-Ring has slipped. Please check and correct the fault.

Creating of working pressure only possible with correctly fitted tank lid!

7. Now you can place the beverage container back into the insulated backpack system. Push the beverage container as far as possible into the insulation. Afterwards the beverage line (BLACK coupler) can be connected to the Out-Valve.

Please make sure that the beverage line and gas line are not interchanged!

Please fasten the backpack properly before you start the dispensing procedure.

Only operate the beverage backpack if it is properly fastened!

8. By operating the tap, the beverage service can now be created.

9. After a serving few cups the flow will reduces noticeably. Then simply operate the hand-operated air pump again until resistance does not allow any more pumping. And you can continue with beverage the mobile service ...

When the dispensing pressure in the container reduces, simply operate the hand-operated air pump as required!

Filling & Serving of carbonated beverages

- **Filling the container with carbonated beverages, closed via beverage pipeline using CO2-gas as transfer pressure**

(Backpack model Pro 19-liters for carbonated beverages incl. CO2-Gas Cylinder)

If required, the combination CO2 Gas-Cylinder 500g incl. Mini CO2-Regulator can also be used to generate the delivery pressure.

Optionally for filling the Rocket Pack container via the hand opening, the container can also be filled via a closed pipe system, using carbon dioxide, over the IN valve. This has the advantage that during the filling process the loss of CO2-Gas as well as the entry of pollution is prevented.

When dispensing beverages containing CO2, it is recommended to cool the temperature of the beverage down considerably (approx. 3 - 5 °C) during the transfer process. The Rocket Packs container should also be pre-cooled (by rinsing it with ice water or placing it in the cold store for a few hours).

Methodology:

1. Disconnect the BLACK coupler of the beverage line (Out-Valve) and disconnect the GREY coupler of hand-operated air pump (IN-Valve) from the beverage container. Pull for this the outside ring of the couplers with showing and middle finger upwards.

2. Remove the beverage container from the insulation of the backpack. The container can also be filled without removing it, but is not recommended due to contamination on and in the backpack during filling.

3. The previously cleaned, empty and closed Rocket Pack container is pressurized to 1bar (approx. 15PSI) with CO2-Gas before the actual filling process. To do this, connect the grey quick-coupler of the CO2-Gas Cylinder to the IN-Valve of the Rocket Pack beverage container. Use the pressure adjustment screw on the MINI CO2-Regulator to set the operating pressure of 1bar (approx. 15 PSI) and open now the CO2-Gas Cylinder. Within a few seconds the pressure of 1 bar builds up in the container. After the pressure build-up is complete, disconnect the connection again.

4. Depending on the choice of your filling device, the Rocket Pack beverage container can now be filled.

On the following pages you will find examples (sketches) of filling possibilities!

5. After the container is completely filled, the extra insulating sleeve can be put on and the container is placed in the backpack system. Connect the beverage line (black quick-coupler) to the OUT-Valve of your Rocket Pack beverage container.

6. Connect the grey quick-coupler of the CO2-Gas Cylinder Kit to the IN-Valve of your Rocket Pack container. Set the pressure regulator to the required working pressure for pouring your drink. Open the CO2-Gas Cylinder and within a few seconds the required dispensing pressure has built up in the container.

Depending on the type of beverage, a maximum working pressure of 2bar (approx. 30PSI) would be recommend!

7. After you have reintegrated the individual elements into the backpack system and the Rocket Pack beverage backpack has been carefully closed, you can put on the beverage backpack and adjust the straps. You can now start serving the drinks.

The flow speed of the beverage can be controlled by turning the adjusting screw (left of the pull lever). These fine adjustments are required when pouring beer and soft drinks to regulate the foam production. Turning the screw left - to increase the flow speed. Turning the screw right - reduces the flow speed (foaming of beverages).

NOTE ...

all carbonated beverages can also be filled into the Rocket Pack container through a funnel over the container opening without major quality losses in the beverage property. Carbonated beverages filled in bottles/cans are enriched with more carbon dioxide during filling than products filled in KEGs, for example.

Cans/bottled goods, should be cooled to a temperature of approx. 3°C in advance, then it does not foam as much when filled and less carbon dioxide is lost. After the filling process, immediately put the container lid back on, to prevent the escape of sparkling.

Be careful, the adjusting screw is not tight. If you turn it too far out, beverage liquid will flow out of the opening!

▸ Fastening the Backpack

Fasten on the pack and first connect the waist belt around the wearer's hips. Then adjust the shoulder straps to the correct height and tighten the strap in front of the chest. The waist belt should carry most of the weight of the backpack on the wearer's hip.

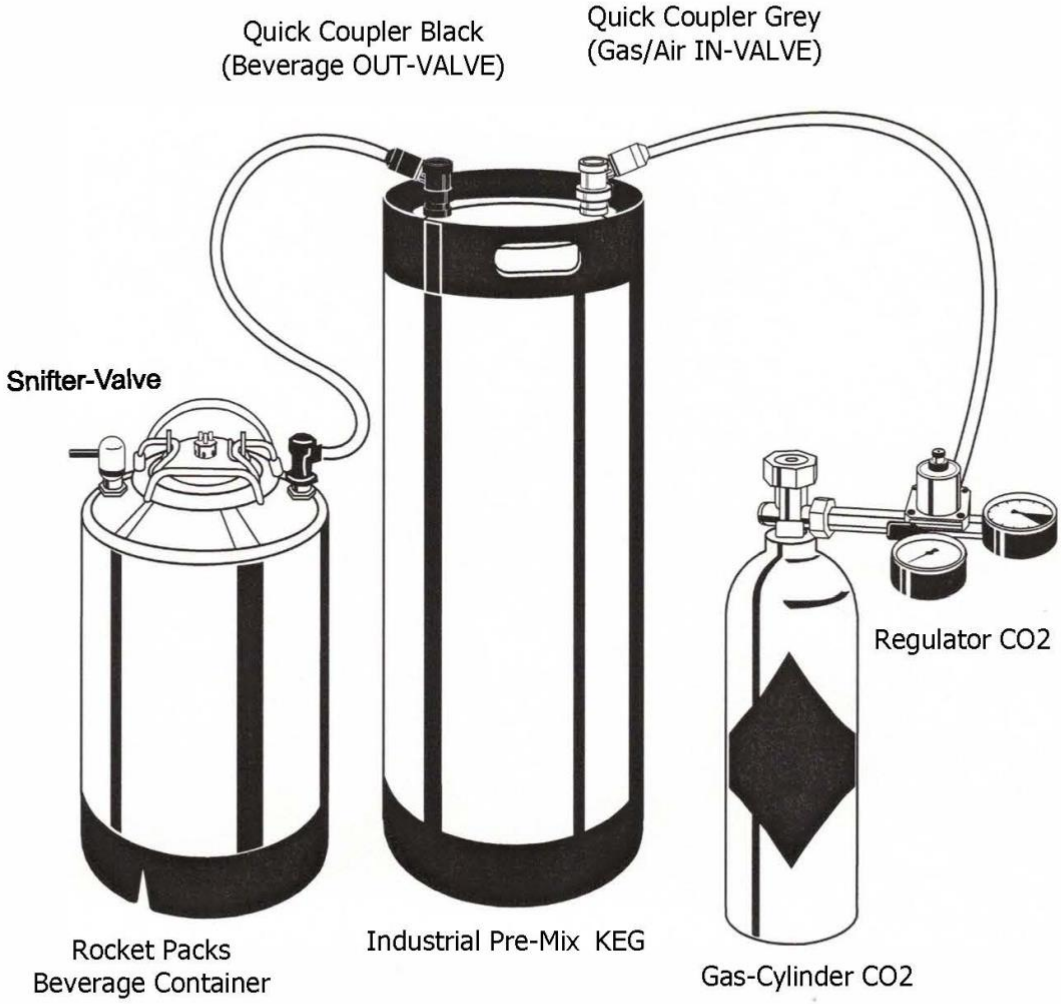
Adjust the waist belt while the shoulder straps are still loose!

Step One Clip together the waist harness. Make sure that all straps are straight and that the belt is comfortable.	
Step Two After clipping together the waist harness pull tight. This should be done when the backpack is first put on and then again after all other straps have been tightened.	
Step Three Clip together the shoulder harness joiner. This is very important for overall comfort. It keeps the shoulder straps from pulling to the outside.	
Step Four After clipping together the shoulder harness joiner, pull tight.	
Step Five Tighten the shoulder straps. This will pull the backpack closer to the user. The tighter the backpack is to the user the more comfortable it is. Pull all straps as tight as possible.	
Step Six Make sure that both shoulder straps are tight. This is very important because it pulls the backpack tight against your body.	
Step Seven Clip on the money pouch. Make sure that you tighten both sides.	

Illustration ...

beverage filling process via closed pipe system using CO2-Gas (carbon dioxide)

Industrial Pre-Mix container in Rocket Packs container



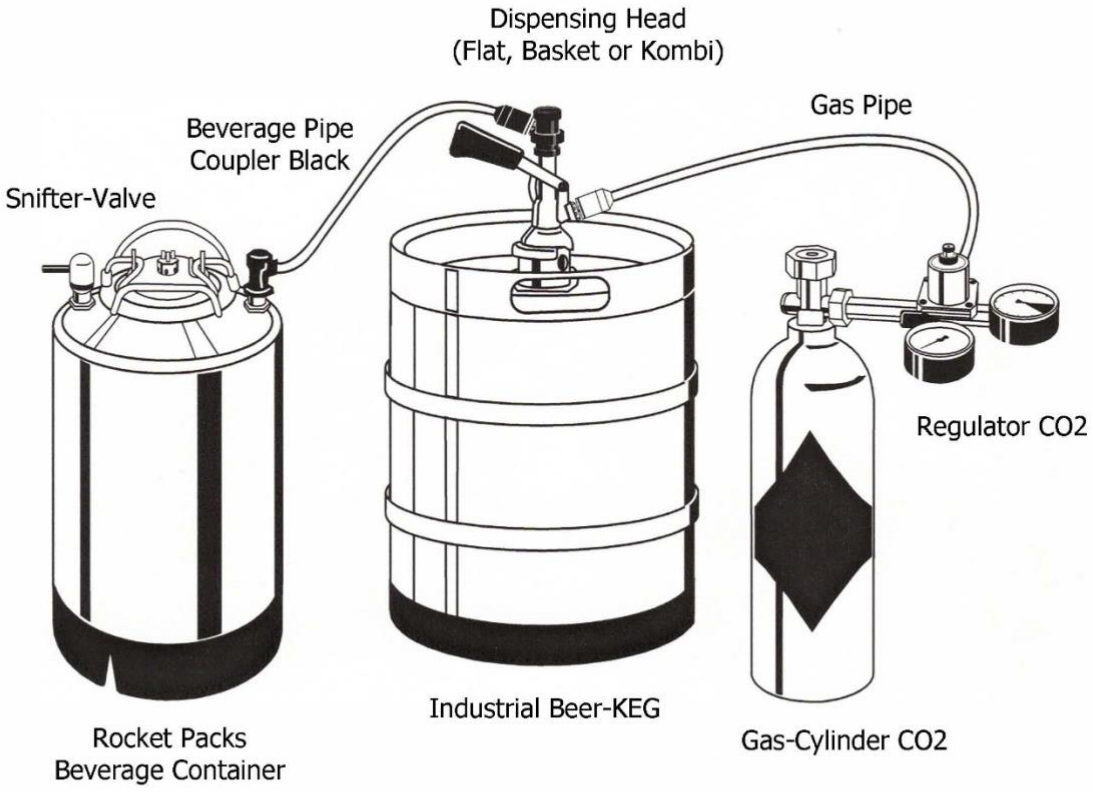
We are at your disposal for any questions ...

Phone: +49 (0) 69 95297708 / e-mail: info@rocketpacks.de

Illustration ...

beverage filling process via closed pipe system, using CO2 (carbon dioxide)

Industrial Beer-KEG in Rocket Packs container



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Cleaning Instructions

Rocket Pack – Beverage Backpack Pro 19-liters

After daily use, the Rocket Pack beverage container, beverage line and tap must be cleaned. We recommend to use cleaning concentrates (e.g. beer line cleaner) as used for dispensing systems in restaurant and bars.

Of course, commercially available dishwashing detergents can be used as well. However, these foam strongly and must be rinsed very thoroughly.

Procedure of cleaning:

1. Remove the beverage container from the backpack system and remove the container lid. It may not be possible to remove the container lid immediately. Please pull up the ring on the Release Valve (mid of container lid) and release the pressure. After this procedure, it will be possible to remove the container lid. Please pour away beverage residues in the container.

2. Fill the container with approx. 9-liters warm water and add the relevant amount of cleaning concentrate (be sure to use a solution especially made for cleaning stainless steel food service equipment). Replace the container lid carefully. Make sure that the O-Ring is correctly seated and that the Release Valve is tilted downwards again.

3. Shake the beverage container with the cleaning liquid for about 1 minute vigorously. Allow the solution to remain in the tank for 10-15 additional minutes.

4. Create now with the hand-air-pump pressure in the beverage container. Operate the pump until the resistance does not allow any further pumping.

5. Connect the beverage line with Dispensing Tap - plug quick-coupler black - and let the cleaning fluid from the container run through the beverage line and the Dispensing Tap.

6. To remove detergent residues from the container and the beverage line, please repeat steps 1 to 5 of the cleaning instructions with clear water.

7. Cleaning and sanitation is completed. Allow the beverage tank to dry before replacing lid, if possible. Replace lid and store for next use.

Store the beverage container with the lid on!

Dirt (stains on the backpack) can be removed with a sponge, a little soap and warm water.

Allow the cleaned, wet backpack parts to dry in the air.

Do not store the rucksacks in humid storerooms or cold rooms as there is a risk of molds!

Non-Carbonated Beverages

▸ Troubleshooting

1. **NO liquid comes out of the dispensing hose/tap**

- Make sure dispenser hose (black quick connect) is properly connected (locked) to the "out" valve on the beverage tank.

- Is the Air 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/tap 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 "Release Valve" on the beverage tank (lid) 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.

Carbonated Beverages

▸ 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.

- 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.

- 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

- 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 black quick disconnect fitting: tighten fitting

- If leak comes from inside of the insulation, return Hose to Rocket Packs Co. for service.

Warranty

► Full Two Years Guarantee 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.

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

For Information or Service:

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