



# User Manual

## Backpack

- **Dimensions:** 24" x 4" x 8" (48cm x 5cm x 20cm)
- **Weight:** 3.5 lbs (1.58 Kg)
- **Material:** Metal / ABS / Nylon
- **Color:** Black
- **Description:** Used in conjunction with a 10 or 20lb Aluminum CO2 tank, this backpack allows you to strap your 10lb or 20lb CO2 tank right to your back. Simply strap the backpack onto the CO2 tank and then strap the backpack onto your back! This backpack can carry up to a 20lb Aluminum CO2 Tank. These CO2 Backpacks are used in stage productions, nightclubs, bars, live performances, concerts, haunted houses, special events and much more.



• More info and products please visit [www.CryoFX.com](http://www.CryoFX.com) •



## INSTRUCTIONS

Locate the Co2 Tank (Aluminum ONLY) and Co2 backpack. Place the tank upright on a sturdy table (Image 1). Place backpack on table. Undo the Velcro strap(s) and open them outward. Locate the black clamp and bolt. Remove the bolt from the clamp and keep for use once tank is in place. Grab co2 tank backpack and rotate it so the clip is towards the top (Image 2) (the backpack will technically be upside down at this point). Rotate the tank so the valve opening is pointing away from the backpack. Place the backpack onto the tank so the black clamp securely wraps around the valve while the valve is still pointing away from the backpack (Image 3). Position the black clamp so it wraps around the valve between the opening (where the co2 fitting is screwed onto) and the black rotating valve handle at top (Image 4).



Locate the bolt previously removed from black clamp. Place bolt into black clamp (Image 5 & 6) and secure nut onto bolt, tightening down enough to secure the clamp onto the tank valve (Image 7). Locate your hose and co2 fitting. Once washer is placed into fitting, place fitting onto the tank valve opening (Image 8) and tighten down with hand until stem of fitting is no longer moveable. Locate wrench and continue to tighten another  $\frac{1}{4}$  to  $\frac{1}{2}$  turn. (Note: some tanks may have stripped threads and require use of a wrench to initially tighten fitting down until the stem is unmovable.)



After double checking the tank is secure in the backpack clamp, locate the large Velcro strap. Place the strap, flat, around the tank, and through the plastic counterpart on the opposite side of the backpack (Image 9). Once woven through the plastic counterpart, place the strap back around the tank, pulling tightly, as to connect the Velcro to the same strap on the opposite side with enough overlap of the Velcro to keep from disconnecting. Once Velcro is secure, locate the plastic counterpart which is still unclamped (Image 10). Hold tank and press the plastic counterpart onto tank (Image 11). With assistance of a second person, help invert the tank and Co2 backpack unit 180 degrees, safety holding, so it does not slip. While the second person holds the tank, slip the backpack onto your shoulders until it is resting closely to your back (Image 12).





## INSTRUCTIONS

Locate the straps on the sides. Clamp straps together across your torso. Once torso straps are connected (Image 13), locate the tightening straps connected to the straps just clamped, and pull until they are tight (Image 14). Locate the shoulder tightening straps and pull down on both evenly until they are tight (Image 15). Once all straps are tight, check straps for looseness or unevenness. Retighten backpack straps if backpack is able to come off (Image 16). Once double checked, have the second person hand you the handheld item to use with this Co2 Tank Backpack setup.



## QUESTIONS & ANSWERS

**Q: What type of tank do I need with my CryoFX backpack?**

CryoFX Cryo Backpacks require standard 10lb, 15lb, or 20lb Co2 Tanks since the tanks are inverted for use, so a siphon tube is not required.

**Q: Why is the white plume of Co2 not coming out (or stopped coming out), and only a loud noise present?**

If your CryoFX Cryo Gun is connected properly, for the first time use, and only noise is emitting with a very small stream of white Co2 cloud, there may be one of two issues:

- The tank seems full, and may in fact be full, but is the wrong type of tank. Your using a tank with the backpack that has a siphon tube, which is a tube that drops to the bottom of the tank, like a straw in a soda cup. Because the tank in the backpack is upside down (inverted), the tanks required is a regular Co2 Tank which has NO siphon tube in it.
- The tank is confirmed to be the correct type of tank and is empty by the required "liquid Co2 usage means". Even though there is still Co2 gas and pressure inside the tank, the liquid Co2, required for this effect, has turned into gas inside the tank and is non-usable to achieve the special effect required. This is an indication you have used all the Co2 in the tank and you will need to get it refilled.

**Q: Can I use a steel Co2 tank with my CryoFX Backpack?**

NO! Aluminum Tanks are the only recommended tanks for use with the CryoFX Cryo Backpack. If steel tanks are used, the weight limit will be too great and could place the backpack at risk of breaking.

**Q: Can I hook the Co2 tank up to the Cryo Backpack by myself?**

NO! A minimum of two people are required to properly place the tank into the backpack, strap the tank in, and then place the backpack/tank combination onto the operators back.

**Q: Is the black clamp on the backpack required to be bolted together and around the tank valve neck, between the black turning valve handle and output where the hose fitting connects?**

Yes! This black metal clamp ensures the tank stays close to the operator and secure in the backpack. The strap that tightens around the tank is also required to secure the tank in place as well. When the black clamp and strap are both secure, the tank should be snug against the backpack and operator. If the tank is still loose, please tighten the strap to ensure the tank does not move.

## DISCLAIMER

We are not responsible or held liable for any damages resulting from use of this equipment or any CO2 equipment. The equipment listed within this auction is for special effects purposes only and should be used only by professionals or those who fully understand the use, operation, effects, and dangers of all equipment listed herein. All equipment should be tested before actual use in front of an audience. All equipment listed in this auction is legal and intended for use as special effects. Any other use is prohibited and can cause extreme dangers to anyone in the vicinity. CO2 Jets and CO2 guns should never be pointed directly at people closer than 5 feet in distance. CO2 Jets and CO2 Guns should never be pointed at someones face for an extended period of time as CO2 displaces oxygen. Again, we, CryoFX are 100% NOT responsible or held liable for misuse or damages resulting from the equipment listed herein.



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