

Carbon Dioxide, also called CO₂, is a tasteless, colorless, odorless, nonflammable, liquified gas. CO₂ is an integral part of the basic life cycle in nature. It is exhaled by humans and animals, then used by plants to help them grow. CO₂ is also used in fountain soda dispensers to add carbonation to soda syrup. These are just two examples of CO₂ uses in every day life. As of a few years ago, CO₂ was introduced into the entertainment scene, taking on the name "Cryo" for its cold temperatures. Since its start in the entertainment world, Cryo has been providing signature, one of a kind effects, and enhancing performances by adding a non-existent element which has since gained popularity worldwide.

The Cryo system works in conjunction with liquid CO₂. It is an atmospheric effect that creates bursts of white dense clouds, otherwise known as plumes, that similarly resembles fog. The liquid CO₂ chills the moisture in the air creating white fog plumes with immediate dissipation. This impactful effect is contained in a low pressure unit that can be placed within a safe proximity to presenters on stage. The nozzle sprays the liquid up into the air causing the surrounding humidity to condense into fog.



CryoFX CO₂ Jet units are self-contained and capable of blasting streams of condensed cryo fog 20 to 30 or more feet into the air. The mounted jets may be attached to the wall, floor, or hung from a truss. The handheld units are held by the operator with the ability to spray in any direction. The jets are always in the off position and when activated, either by DMX or Power On/Off Switch depending on the model, will release the CO₂ until the operator releases the control. Once the jets are activated, the cryo fog disperses within 2 to 4 seconds and dissipates within seconds of releasing activation. This is also based off humidity in the air, so the more humidity present, the thicker the plumes of cryo fog and the longer the effect takes to dissipate. CO₂ leaves no residue behind and does not set off smoke alarms, contradictory to fog. If hung from above a crowd of people, the CryoFX CO₂ Jet will cool a hot crowd off by dropping the temperature from 90+ degrees to 40 degrees Fahrenheit or less in roughly 6 seconds.

CryoFX carries a wide array of CryoFX CO₂ Jets including moving head units, LED units, stand alone units, and our most popular seller, our handheld unit. Our LED units have been used to immitate fire as when lit with red-orange light, it resembles fire. CryoFX CO₂ Jets plug into any standard US wall outlet (options for other voltages and outlets are available). CryoFX CO₂ Jets use a specialized valve which is capable of withstanding pressures up to 1500 psi or more and temperatures of -40 Degrees Fahrenheit or less. All necessary fittings come pre-installed to connect your CryoFX CO₂ Jet to a CO₂ tank. Most units can be used with both high pressure or low pressure dewar tanks, please see specific unit details for more info.

Whether your a DJ, club owner, event producer, effects company or any other occupation who has some creative way of using a CryoFX CO₂ Jet, please contact us for more information at www.CryoFX.com or by phone at 855-5CRYOFX. Thank You!