

Frequently Asked Questions



Please review the following questions, if you have further questions, please contact us.

What is the difference between the XT and the LT series?

The difference is the handle. The XT comes with our GripGuard™ steel handle. This handle is designed to not only protect the valve and the regulator but also provide a convenient carrying handle. The LT is comes with a plastic carrying handle designed to only protect the valve and not the regulator. The LT series offers the customer a lower cost system for the customer that feels they won't be taking their system out of their vehicle.

Where can I get my Ultimate Air™ tank filled?

Most welding supply, fire extinguisher, paintball and beverage supply shops. Some shops have an exchange policy where you exchange your empty tank for a filled tank. Try to find a shop that has pumps to fill your cylinder there while you wait. In some cases though, some shops won't fill your tank while you wait and may send it to another location or have you come back to pick it up. If this is the case, make sure they note on your receipt that you need your cylinder back; you don't want to leave your Ultimate Air™ tank for someone else. If your cylinder has to be sent out, we would recommend purchasing our cylinder protection items. Remember to remove the regulator and turn the handle to make it easier for the individual filling your tank.

How much does it cost to have my Ultimate Air™ tank filled?

The average cost to fill a 10 or 15lb CO₂ cylinder is about \$10-\$15. It usually doesn't cost much more to fill a 15lb tank vs. a 10lb. Most of the cost is the set-up/service charge. Shop around and find the best price.

How do I know how much CO₂ is left in my Ultimate Air™ tank?

The easiest way to determine how much is left is by simply weighing your tank. The 10lb Ultimate Air™ XT system weighs approximately 20lbs and holds 10lbs of liquid CO₂, so a full tank will weigh approximately 30lbs. The 15lb system weighs approximately 25lbs and holds 15lbs of liquid CO₂ totaling 40lbs. The label on the back of the tank has a box where you can record the weight of your empty system. After having you system filled, weight it again to verify you have the proper amount (10 or 15lbs.) of CO₂.

How does Ultimate Air™ compare to a 5 gallon tank?

The Ultimate Air™ tank is less than half the size of a standard 5 gallon air tank yet has 20 times the storage capacity! A 5 gallon tank at 125psi will inflate two 33x12.50 R15 tires from 15-25psi. The Ultimate Air™ tank will inflate thirty-five (35) of the same size tires in only 20 seconds each!

Is CO₂ safe for my tires and tools?

Absolutely! CO₂ is non-corrosive and non-toxic. CO₂ gas is very safe for your tires, rims and tools. CO₂'s thermal expansion rate is almost the same as air, making it perfectly safe to fill your tires with CO₂!

Can I mount it on its side?

Although your tank can be mounted upright or lying down, you must use it in an upright or at least a 45° angle. The Ultimate Air systems use CO₂ vapor, you want to keep the liquid at the bottom of the cylinder.

How safe is Ultimate Air™?

Our DOT approved cylinders are made of high strength 6061-T6 aluminum. Our CO₂ cylinders have a maximum pressure rating of 3000psi even though the pressure in the tank will usually be between 800 and 900psi (this rating is at room temperature). If there is ever danger of the pressure getting too high in the tank, there is a built in pressure relief valve that will automatically release CO₂ vapor. We recommend our mounting brackets with each system to securely mount your tank. NOTE: This product is not to be stored or used at temperatures above 120°F. As the temperature outside increases, the temperature in the tank increases. At 155°F the pressure could exceed 3000psi and the tank will start releasing CO₂. Although CO₂ is non-flammable and non-corrosive, it could cause injury as CO₂ is released. CO₂ is extremely cold when it is released! Always use care when handling pressurized cylinders!

How big is the Ultimate Air™ systems and how much do they weigh?

System	Height (in)		Empty wt (lb)		Filled Wt. (lb)	
	XT	LT	XT	LT	XT	LT
10lb system	23	21	20	16	30	26
15lb system	29	27	25	21	40	36

What is included with an Ultimate Air™ System?

Ultimate Air™ systems include an aluminum cylinder(your choice of finish) with permanent valve seal and our GripGuard™ steel guard/carrying handle(XT Series), our MultiForce™ or EXpress™ regulator, 25ft polyurethane coiled hose with quick coupler, air chuck with plug and a heavy duty powder coated vehicle mounting bracket. This is in fact the most complete, most economically priced CO₂ system on the market!

I have my own CO2 tank; can I use Ultimate Air's regulators?

Yes, Ultimate Air regulators fit all standard CO2 cylinders. Both styles of regulators are available in kits that include our 25' polyurethane hoses. Our GripGuard™ protector/handle is also available and only fits cylinders with 2 5/8" diameter necks.