

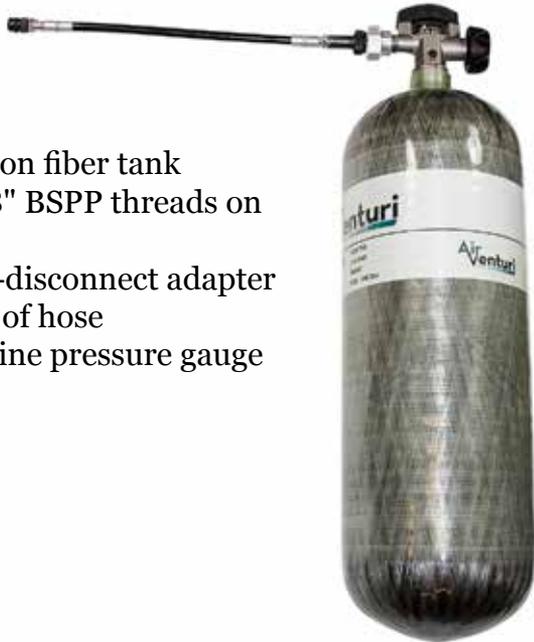
Air Venturi

The Power of Air

Carbon fiber tank & accessories

Contents:

- 88 cu. ft. carbon fiber tank
- Hose with 1/8" BSP threads on both ends
- Female quick-disconnect adapter at output end of hose
- Valve with inline pressure gauge
- Seal washer



Fill pressure: 4,500 psi (310 bar)

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Illustrations and photographs are for demonstration purposes only and may not show the exact item purchased.

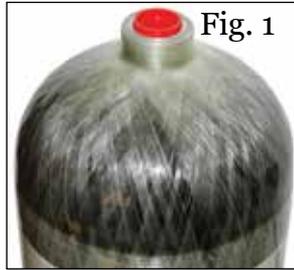
Composite cylinders must be hydrostatically tested every 5 years. Plus, composite cylinders have a maximum life of 15 years from their original hydrostatic test date. ALWAYS make sure your cylinder is within its retest period.

Dealers: *This owner's manual must be given to the retail customer with the tank at the time of purchase. Shooters are advised to keep this manual and associated instructions for future reference by all users of this high-pressure air tank even if it's resold or loaned.*

Assembly instructions

Follow these directions closely to assemble your tank.

Remove red plug from tank. (Fig. 1)



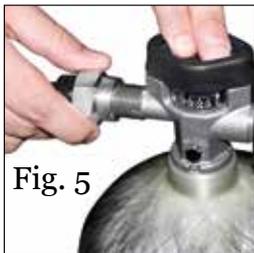
Screw valve onto tank. (Fig. 2)



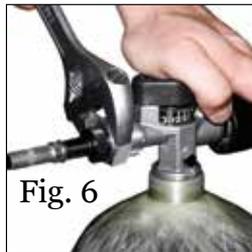
Tighten valve by hand. Make sure the metal of the tank touches the metal of the valve. (Fig. 3)



Remove red cover from valve. (Fig. 4)



Thread adapter onto valve and tighten either by hand or with a wrench. (Fig. 5-7)



Filling your airgun

Follow these directions closely to fill your gun with air.

Connect gun reservoir to tank. (Fig. 8)

Slowly turn large knob to open valve. (Fig 9)

If a hissing sound occurs, air is escaping the tank. Turn bleed valve in either direction until hissing stops. If needed, use pliers to adjust bleed valve first few times. After that, hand-tightening is sufficient to turn bleed valve. (Fig. 10)

Fill gun once the hissing stops. Allow about 1 minute for fill to avoid over-heating gun.

When airgun is completely filled, turn off valve (Fig. 9) and open bleed valve (Fig. 10) to release air from adapter.

Disconnecting the fill hose from the airgun without first bleeding the air may result in injury from hose whip as a result of pressure in the fill hose.



WARNING:

Do not fill tank with oxygen or any gas other than air!

Filling with anything other than air is dangerous and will void your warranty.



WARNINGS:

Not a toy. Adult supervision required. Misuse or careless use may cause serious injury or death.

Use only dry, filtered compressed air or nitrogen in your tank. Use no other gas, including oxygen, which can cause a fire or explosion that may result in serious injury or death.

Use diver's silicone grease where lubrication is indicated in this manual. Any other type of grease will void the warranty and may be flammable or explosive.



Do **NOT** exceed maximum fill pressure of 310 bar/4,500 psi at room temperature!

Use only dry, filtered compressed air or nitrogen in this tank. Use no other gases—including oxygen, which can cause a fire or explosion that may result in serious injury or death.

If you suspect that your carbon fiber (composite) cylinder has been heated to temperatures of 132.8° F/ 56° C or more, it must be hydrostatically retested and fully requalified before further use. Composite cylinders exposed to or with evidence of exposure to heat in excess of 161.6° F/ 72° C must be condemned and removed from service.

When filling the compressed air tank, the compressed air must NOT contain oil, water or any other contaminant.

Compressed air tanks must NEVER be opened or modified mechanically by unauthorized specialists.

The compressed air tank must be protected from forceful impacts.

Compressed air tanks are NOT intended for transport of other gases.

Use only silicone grease (available in dive shops) on the o-rings. Any other lubricants will void your warranty, may damage your gun and could be dangerous (cause an explosion).

Do **NOT** exceed maximum fill pressure of 300 bar/4500 psi at room temperature!

Disconnecting the fill hose from your gun without first bleeding the air may result in injury from hose whip as a result of pressure in the fill hose.

**For assistance, tech support or warranty claims, contact
Air Venturi service line: 216-220-1180**

General maintenance

ALWAYS keep the fill adapter clean and dry.

ALWAYS keep the threads of the valve body and cylinder free from oil, dirt and other contaminants. You may wipe these with a clean dry cloth if required.

NEVER overfill or have your cylinder filled beyond its rated capacity. Overfilling may result in property damage, personal injury or death.

NEVER tamper with or alter the cylinder valve, safety relief device or other cylinder attachments.

NEVER use this cylinder for applications other than charging your airgun.

NEVER use caustic paint strippers or corrosive cleaners, which will damage the cylinder.

NEVER use heat-activated paint (such as baked enamel or powder coating) on your cylinders. Use only air-drying paint.

NEVER use lubrication, Teflon tape or thread-locking compound.

NEVER alter or modify the cylinder in any way.

NEVER try to restrict the flow of air from your unit by using your hand to cover a port or leak. High-pressure air can cause serious physical injury if directed against the surface of your skin.

Improper use, filling, storage, disposal or failure to follow instructions may result in property damage, serious injury or death.

Periodically check the UFA and fill hose for thread integrity, cracks or other wear. Immediately replace any suspect part.

Troubleshooting

In the unlikely event your tank malfunctions, DO NOT attempt to fix the problem yourself. Please call Air Venturi so we can address any issues or have you return the tank for repair.

Air Venturi service line: 216-220-1180

Warranty

Your Air Venturi carbon fiber tank and accessories are manufactured to the highest possible standards, using the finest materials to give a lifetime of service. In the unlikely event there are any defects in materials or workmanship in the first twelve (12) months after retail purchase, we will repair or replace the defective items under warranty.

Note—The warranty will be invalid if:

- Any items have been incorrectly disassembled, reassembled or maintained.
- The unit has not been properly lubricated or the wrong lubricant has been used.
- Parts other than original equipment manufacturer parts have been used.
- The unit has been abused, misused or improperly stored.
- The original purchase receipt cannot be presented.

Note—The warranty does NOT cover:

- Any damage or faults caused by owner misuse, action or inaction.
- Shipment damage to or from Air Venturi.

This warranty is in addition to your statutory rights. Retain your sales receipt as proof of purchase.

Composite cylinders must be hydrostatically tested every 5 years. Plus, composite cylinders have a maximum life of 15 years from their original hydrostatic test date. ALWAYS make sure your cylinder is within its retest period.

The date of manufacture is listed on the label that is permanently attached to your air tank. The date is below the label text that lists the DOT info and is listed in a month-and-year format. For example, if your cylinder reads **01-CL-14**, that means your cylinder was manufactured January 2014, requiring its first retest on or before January 2019 and again on or before January 2024. The last date your cylinder would be usable would be January 2029, which is the end of the 15th year. At that time, the cylinder would have to be replaced. The retesting required can be performed by many scuba dive shops. If you require assistance finding a service provider, contact Air Venturi customer service. Your fill valve does not require any retesting.



Air Venturi
5135 Naiman Parkway
Solon, OH 44139

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any gas other than air!**

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