TACTAIR FILL SYSTEMS

74 Cu-Ft
4500 PSI
Carbon Fiber Tank
& Valve

Operation Manual

INTRODUCTION

Thank you for choosing the Hatsan Carbon Fiber Air Storage Tank!

Always exercise caution when using this tank. It will allow you to quickly and easily fill your PCP airguns. Please read this entire manual very carefully before use. Any damage or injury resulting from misuse or incorrect handling is the sole responsibility of the owner and/or operator.

This symbol ⚠ marks warnings and cautions in this operation manual. Carefully follow them for your own safety and the safety of others.

⚠ CAUTION:

Carbon composite cylinders must be hydrostatically tested every 5 years, with a maximum service life of 15 years from the original test date. DO NOT use unless the cylinder has a current test certification. DO NOT fill if the cylinder has been damaged or shows signs of deterioration.

Contact HatsanUSA at 877-278-4448 x201 if you have any questions or concerns regarding your air cylinder.

WHAT'S IN THE BOX?

- Hatsan 74 Cu-Ft Carbon Fiber Air Cylinder
- HA91035 Threaded valve with O-Ring Seal and DIN Outlet
- HA91040 DIN Fill Kit w/ 40mm Gauge, Female Foster, & Probe Adapter
- Operation Manual

BEFORE YOU BEGIN

⚠WARNING! High Pressure Air Storage Device

- Store in a safe place, where this product will not be easily damaged.
- Immediately discontinue use and contact HatsanUSA if damage or deterioration of the tank is detected.
- This cylinder is designed to be used with FILTERED, DRY compressed air or nitrogen ONLY. DO NOT allow water, oil, or other contaminants into the cylinder.
- DO NOT fill or use with any other gas type.
- Eye and ear protection are recommended to be worn at all times, during use.
- DO NOT attempt to operate outside of this product's specified working pressure, which is indicated both within this manual and on the cylinder itself.
- DO NOT use or store near excessive heat, heat sources, or open flames.
- This product is NOT intended to be used as or within a breathing air system. Use in or as breathing equipment is strictly prohibited.
- Always exercise caution when opening and closing valves. Rotate the valve control knob slowly, especially when opening.
- DO NOT fill if a leak is detected. Immediately relieve pressure on any pressurized component(s) and correct the leak, or contact HatsanUSA.
- Always depressurize the fill hose before disconnecting it.
- Replace worn seals, hoses, fittings, etc.—as soon as they show signs of wear.
- Replacement seals and parts are available from HatsanUSA.

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1. PARTS OF YOUR CYLINDER

2. BEFORE YOUR FIRST FILL

It is recommended that you follow these initial setup instructions before filling your air cylinder for the first time. Failure to do so may result in leaks or other failures.

1. Remove your air tank and valve from their packaging and inspect both for damages.
2. Make sure that there are no objects inside the cylinder and that the sealing surfaces on both the tank and valve are free of debris and damage.
3. Check that the valve knob turns smoothly in both directions — Never overtighten the knob, as this can cause premature valve failure.
4. If it is not already in place, place the sealing o-ring over the threaded portion of the tank valve. You may use a SMALL amount of diver's grease on this o-ring to ensure a good seal.
5. Carefully thread the valve into the tank opening.
6. Ensure that the base of the valve body is making contact with the end of the tank neck.
7. Torque the valve to 60-70 ft lbs. — do not over-tighten!
8. If you will be filling the tank yourself, install any necessary adapters that will allow you to do so.
9. Begin filling slowly, and check/listen for any leaks. **CAUTION:** ⚠ Never "flash fill" a cylinder, as the excessive heat can cause damage and reduce the cylinder life.

3. MAINTENANCE

Follow these guidelines to ensure your cylinder provides trouble-free operation.

- Always verify that the cylinder is within its testing certification before filling.
- Inspect seals annually. Replace if they are deformed or damaged.
- Re-certify the storage tank every 5 years. The cycle begins on the manufacturing date of the bottle.
- If a leak is detected, depressurize the cylinder before attempting to remove the valve. Always drain the air in a controlled manner to prevent injury and/or damage.
- Keep the cylinder protected from damage at all times. If significant damage occurs to the cylinder, discontinue use until it can be inspected and/or tested by a certified facility.
- When necessary, the exterior of the cylinder can be cleaned with household glass cleaner.
- The inside may be cleaned with hot water, but must be **thoroughly** dried before returning the cylinder to use.
- It is recommended that the cylinder be stored at least partially pressurized with a sealed valve. This will prevent moisture from entering and causing corrosion.
- Do not completely depressurize the cylinder unless it is to remove the valve and/or for inspection or repair.

Additional notices

- Scratches or other damages that are deep enough to expose the fibers beneath the hard coating will render the cylinder unsafe to use. Immediately depressurize the cylinder and have it properly decommissioned. If you are unsure about the severity of damage, have the cylinder professionally inspected.
- This cylinder is designed for use with compressed atmospheric air only. Use with other gasses is not recommended, and may cause damage, injury, and/or death.
- Annual visual inspections are highly recommended, and can be performed by a local dive shop or other compressed air provider.

4. PRODUCT SPECIFICATIONS

Item #	HA91026
Compressed Air Volume	74 ft^3 / 2100L
Service Pressure	4500 PSI / 310 BAR
Water Volume	415 in^3 / 6.8 L
Neck Thread Size	M18 x 1.5
Hydro Cycle	5 Years
Service Life	15 Years
Construction Type	Fully Wrapped Carbon Fiber

5. TROUBLESHOOTING

Problem	Possible Cause(s)	Solution(s)
Valve will not thread into opening	Debris in/on threads	Gently clean the threaded portion of both the valve and cylinder neck.
	Damaged valve threads	Replace the valve with a new unit.
	Damaged cylinder threads	Contact the HatsanUSA service department.
Fill adapter/kit will not thread into DIN opening	Debris in/on threads	Gently clean the threaded portion of both the valve and cylinder neck.
	Damaged valve threads	Replace the valve with a new unit.
	Damaged adapter threads	Replace the adapter/kit with a new unit.
Leak originating at tank-to-valve junction	Worn out or damaged o-ring	Replace the sealing o-ring.
	Debris causing poor seal	Gently clean sealing surfaces and o-ring groove.
	Damaged sealing surface	Replace valve or contact the HatsanUSA service department.
Leak originating at valve-to-adapter junction	Worn out or damaged o-ring	Replace the sealing o-ring.
	Debris causing poor seal	Gently clean sealing surfaces and o-ring groove.
	Damaged sealing surface	Replace the damaged valve or fill adapter.

If you experience a problem that is not covered by this troubleshooting guide, or if you continue to have the same problem, discontinue use and contact HatsanUSA (Service@HatsanUSA.com or (877)-278-4448 x201) for assistance.

6. WARRANTY AND SERVICE

One Year Limited Warranty – This Hatsan air storage cylinder is warranted to the original retail customer for one (1) year from the date of purchase. A copy of the original purchase receipt is required for any warranty repairs. This warranty is not transferable.

Warranty Claims and Repair – Use the Customer Service Form on our website (www.hatsanusa.com) to file a repair or return request. This form is available under the "Contact Us" tab at the top of our website. You can also call HatsanUSA, Inc. at (877) 278-4448 x201. **Proof of purchase must accompany all warranty claims.**

Implied Warranties – Any implied warranties, including merchantability and fitness for a particular purpose, are limited to the duration of One (1) year from date of retail purchase. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. To the extent any provision of this warranty is prohibited by federal, state, or municipal law which cannot be preempted. It shall not be applicable this warranty gives you specific legal rights and you may also have other rights which vary from state to state and country to country.

What Is Covered

- Repairs required due to manufacturing defect – including parts and labor
- Return shipping of the repaired or replaced product back to the consumer

What Is NOT Covered

- Repairs required due to abuse, misuse, neglect, or failure to perform proper maintenance
- Consumables or components that are subject to normal wear
- Shipping damage or damages resulting from drops, impacts, or natural disasters
- Any component that has been modified in any way
- Consequential or incidental damages or expenses
- Property damage

Warranty Exceptions

This warranty will become void for any of the following reasons:

- The cylinder has been used for any purpose outside of its indicated function
- The cylinder has been exposed to extreme temperatures or fire
- The cylinder has been disassembled and improperly reassembled
- The cylinder has not been maintained or properly protected from damage/corrosion
- The cylinder has been used with unapproved chemicals
- The cylinder has been equipped with unapproved, non-original parts
- The cylinder has suffered damage due to mishandling
- The cylinder has been improperly stored
- The cylinder has been abused or misused in any way

Contact HatsanUSA:

Web: www.HatsanUSA.com

Phone: (877) 278-4448 x201

Email: Service@HatsanUSA.com

Mail*: HatsanUSA, Inc.
PO Box 576
Bentonville, AR 72712

*Note: DO NOT send packages or returns to this address. Return address will be provided upon distribution of RMA number.

Fill History – Use this page to record your fills.

Date	Fill Pressure	Notes
1/1/2021	*0-4500 PSI*	*First fill*

Fill History—Continued – Use this page to record your fills.

Date	Fill Pressure	Notes

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