

Please read all care these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage. Retain instructions for future reference.



Portable Air Tanks

Description

Portable air tanks are high quality, welded steel pressure vessels designed to carry a supply of compressed air for home, farm and automotive uses. Air tanks are available in 5, 7, 9 and 11 gallon sizes.

Unpacking

When unpacking, inspect carefully for any damage that may have occurred during transit. Make sure any loose fittings, bolts, etc., are tightened before putting unit into service.

Safety Guidelines

This manual contains information that is very important to know and understand. This information is provided for SAFETY and to PREVENT EQUIPMENT PROBLEMS. To help recognize this information, observe the following symbols:

⚠ DANGER Danger indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.

⚠ WARNING Warning indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.

⚠ CAUTION Caution indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury.

ⓘ NOTICE Notice indicates important information, that if not followed, may cause damage to equipment.

General Safety Information

The following safety precautions must be observed at all times:

1. Read all manuals included with this product carefully. Be thoroughly familiar with the controls and the proper use of the equipment.



2. Only persons well acquainted with these rules of safe operation should be allowed to use the unit.

⚠ WARNING Never fill the tank above 125 psi. Personal injury or property damage could occur.

3. Do not tamper with the safety relief valve.
4. Check air hoses for weak or worn condition before each use. Make sure all connections are secure.
5. Use a low pressure air compressor which produces a maximum of 150 psi or less to fill the air carry tank.
6. Release air pressure from air tank by pulling safety relief ring before servicing or replacing parts.



⚠ WARNING NEVER attempt to repair or modify a tank. Welding, drilling or any other modification will weaken the tank resulting in damage from rupture or explosion. Always replace worn, damaged or cracked tanks.



7. This tank is stamped with a "DISCARD AFTER" date. Discard tank and do NOT use after this date has passed.

Assembly

The air hose is supplied loose to prevent damage during transit. Use W/8" open end wrench to attach thread-sealed 1/4" NPT male hose end to air outlet on manifold (opposite filler valve). Tighten just to finger tight then turn 2-3 more times.

⚠ DANGER

Breathable Air Warning

This tank is not equipped and should not be used "as is" to supply breathing quality air. For any application of air for human consumption, the air tank will need to be fitted with suitable in-line safety and alarm equipment. This additional equipment is necessary to properly filter and purify the air to meet minimal specifications for Grade D breathing as described in Compressed Gas Association Commodity Specification G 7.1 - 1966, OSHA 29 CFR 1910. 134, and/or Canadian Standards Associations (CSA).

DISCLAIMER OF WARRANTIES In the event the tank is used for the purpose of breathing air application and proper in-line safety and alarm equipment is not simultaneously used, existing warranties shall be voided, and Campbell Hausfeld disclaims any liability whatsoever for any loss, personal injury or damage.

Operation

1. Take portable tank to a source of clean, dry, compressed air (e.g. full service gas station, truck stop etc). Some modern convenience stations do not have sufficient pressure to fill the tank). The recommended fill pressure is between 85 and 125 psi.
2. Press chuck from air source onto filler valve located on the side of the brass manifold (See Figure 1). Fill tank to a maximum of 125 psi as indicated on pressure gauge. The safety relief valve is preset to 125 psi to prevent overfilling.

REMEMBER: Keep your dated proof of purchase for warranty purposes! Attach it to this manual or file it for safekeeping.

Operation (Cont.)

NOTE: The air shut-off valve (red knob) does not have to be opened to fill the tank.

- Inflate object by locking universal adapter onto valve stem. Be sure to press universal adapter down over valve stem threads completely. When universal adapter is firmly in place, press locking lever down to lock onto valve stem (see Figure 2).
- Open air shut-off valve by turning counterclockwise to allow air to flow into hose.

WARNING The tank manifold gauge does not indicate the pressure in the object being filled. Use a separate gauge to check the object.

- Turn the air shut-off valve clockwise to the closed position when storing.

the tank to prevent air leaks from the hose.

Maintenance

Remove accumulated condensation in tank periodically to prevent rusting. Hold tank upside-down with the

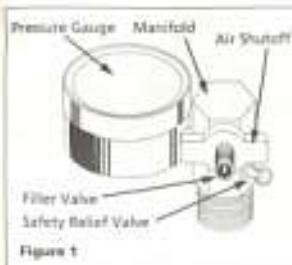


Figure 1

manifold at the lowest point and use a low internal pressure to force the water out through relief valve.

Technical Service

For information regarding the operation of the product, please call 1-800-543-6400. In Ohio or outside the continental U.S., call 513-867-1182.



Figure 2

Troubleshooting Chart

Symptom	Possible Cause(s)	Corrective Action
Tank loses air pressure	Air leaks	Use mild soapy water to locate leak
1. Universal adapter leaks	1. Universal adapter dirty and not sealing	1. Clean dirt from universal adapter. Close hose shutoff valve and replace hose assembly
2. Hose leaks	2a. Hose damaged 2b. Hose connection to manifold loose	2a. Replace hose assembly 2b. Remove hose, apply thread sealant and tighten fitting into place
3. Gauge leaks	3a. Gauge damaged 3b. Gauge connection loose	3a. Replace gauge 3b. Remove gauge, apply thread sealant and tighten
4. Manifold leaks	4a. Manifold damaged or defective relief valve 4b. Manifold connection loose	4a. Replace manifold 4b. Remove manifold, apply thread sealant and tighten
5. Tank leaks	5. Pin hole from internal rusting	5. Replace tank
Tank will not hold enough air	1. Gauge not reading correctly 2. Compressed air source below 85 PSI	1. Check air pressure at fill stem with tire pressure gauge. Replace gauge if gauge reads differently 2. Locate compressed air source of 85 to 125 psi
Tank fills slowly	1. Fill valve obstructed or damaged 2. Low volume air output source	1. Inspect opening for foreign material, clean or replace 2. Locate compressed air source of 85 to 125 psi
Cannot get air out of tank	1. Low tank pressure 2. Hose shutoff valve closed 3. Universal adapter damaged	1. Tank pressure must exceed tire pressure. Increase tank pressure 2. Turn red knob on manifold counterclockwise to fully open, 1-1/2 turns 3. Replace hose assembly
Water in tank	Contaminated compressed air source	Hold tank upside down with manifold tilted down. Pull ring on safety relief valve until air pressure and liquid are fully drained. Refill with clean, dry air

Replacement Parts

For Replacement Parts, call 1-800-543-6400

Please provide following information:
 - Model number
 - Stamped in code
 - Part description and number as shown in parts list

Address parts correspondence to:
 The Campbell Group
 Attn: Parts Department
 180 Production Drive
 Harrison, OH 45030 U.S.A.



GA230660AV
AIR GAUGE 0 TO 140 psi

- Impact resistant black case with clear plastic lens
- 1/8" NPT male fitting
- Reads in psi & kg/cm²
- Accurate from 0 to 160 psi



HF201001AV
AIR MANIFOLD

- Factory replacement part
- Fits standard 1/2" NPT tank spud
- Provides 1/4" & 1/8" female ports for hose and gauge
- Manual shutoff prevents leaks
- Reset safety relief valve prevents overfilling



SV85301AV
3 FT. AIR HOSE WITH TIRE UNIVERSAL ADAPTER

- 3/8" male fitting
- Locks onto stem allowing "hands free" filling

Optional Accessories



MP3233
HEAVY-DUTY AIR CHUCK

- Brass and zinc construction
- 1/4" NPT female port
- Use with MP2681 or other 1/4" NPT female ports



MP2167
OSHA BLOW GUN

- 1/8" NPT female port
- Use with MP2681 or other 1/8" NPT female ports



MP2681
1/4" X 25 FT. RECOIL HOSE

- 1/4" NPT male fittings on both ends
- Nylon construction

Limited Warranty

1. **DURATION:** From the date of purchase by the original purchaser as follows: Standard Duty Products - One Year, Serious Duty Products - Two Years, Extreme Duty Products - Three Years.
2. **WHO GIVES THIS WARRANTY (WARRANTOR):** Campbell Hausfeld / Scott Fetzer Company, 100 Production Drive, Harrison, Ohio, 45030. Telephone: (800) 543-6600
3. **WHO RECEIVES THIS WARRANTY (PURCHASER):** The original purchaser (other than for purposes of resale) of the Campbell Hausfeld product.
4. **WHAT PRODUCTS ARE COVERED BY THIS WARRANTY:** Any Campbell Hausfeld nailer, stapler, air tool, spray gun, inflator or air accessory supplied or manufactured by Warrantor.
5. **WHAT IS COVERED UNDER THIS WARRANTY:** Substantial defects in material and workmanship which occur within the duration of the warranty period.
6. **WHAT IS NOT COVERED UNDER THIS WARRANTY:**
 - A. Implied warranties, including those of merchantability and FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED FROM THE DATE OF ORIGINAL PURCHASE AS STATED IN THE DURATION. If this product is used for commercial, industrial or rental purposes, the warranty will apply for ninety (90) days from the date of purchase. Some States do not allow limitation on how long an implied warranty lasts, so the above limitations may not apply to you.
 - B. ANY INCIDENTAL, INDIRECT, OR CONSEQUENTIAL LOSS, DAMAGE, OR EXPENSE THAT MAY RESULT FROM ANY DEFECT, FAILURE, OR MALFUNCTION OF THE CAMPBELL HAUSFELD PRODUCT. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
 - C. Any failure that results from an accident, purchaser's abuse, neglect or failure to operate products in accordance with instructions provided in the owner's manual(s) supplied with product. Accident, purchaser's abuse, neglect or failure to operate products in accordance with instructions shall also include the removal or alteration of any safety devices. If such safety devices are removed or altered, this warranty is void.
 - D. Normal adjustments which are explained in the owner's manual(s) provided with the product.
 - E. Items or service that are normally required to maintain the product, i.e. o-rings, springs, bumpers, debris shields, driver blades, fuses, batteries, gaskets, packings or seals, fluid nozzles, needles, antislip nozzles, lubricants, material hoses, filter elements, motor vanes, abrasives, blades, cut-off wheels, chisels, chisel retainers, cutters, collets, chucks, rivet jaws, screw driver bits, sanding pads, back-up pads or any other expendable part not specifically listed. These items will only be covered for ninety (90) days from date of original purchase. Underlined items have warranty for defects in material and workmanship only.
7. **RESPONSIBILITIES OF WARRANTOR UNDER THIS WARRANTY:** Repair or replace, at Warrantor's option, products or components which are defective, have malfunctioned and/or failed to conform within duration of the warranty period.
8. **RESPONSIBILITIES OF PURCHASER UNDER THIS WARRANTY:**
 - A. Provide dated proof of purchase and maintenance records.
 - B. Deliver or ship the Campbell Hausfeld product or component to the nearest Campbell Hausfeld Authorized Service Center. Freight costs, if any, must be borne by the purchaser.
 - C. Use reasonable care in the operation and maintenance of the products as described in the owner's manual(s).
9. **WHEN WARRANTOR WILL PERFORM REPAIR OR REPLACEMENT UNDER THIS WARRANTY:** Repair or replacement will be scheduled and serviced according to the normal work flow at the servicing location, and depending on the availability of replacement parts.

This Limited Warranty applies in the U.S. and Canada only and gives you specific legal rights. You may also have other rights which vary from state to state or country to country.