



## 0.5 GALLON AIR TANKS

PART NO. 91005



### **IMPORTANT:**

It is essential that you and any other operator of this product read and understand the contents of this manual before installing and using this product.

**SAVE THIS MANUAL FOR FUTURE REFERENCE**

**USER MANUAL**

## 0.5 GALLON AIR TANK

Please read this instruction manual carefully prior to operating this product. Pay particular attention to the **CAUTION** and **WARNING** statements in this manual. Failure to comply with these instructions could result in personal injury or property damage. Retain these instructions for future reference.

**NOTE:** Your air tank comes with two 1/4" NPT ports. To ensure safe and trouble-free use of your air tank, we strongly recommend that you install a drain cock and a safety pressure relief valve.

### **IMPORTANT:**

- a. VIAIR tanks are rated for 150 PSI maximum working pressure. Do not over pressurize. Overpressuring may result in death or serious injury.
- b. Tank is not intended to be used as a breathing device.
- c. Always wear ANSI-approved safety glasses when operating air tank.
- d. Bleed pressure from tank after each use and before servicing or adding attachments.
- e. Use only attachments rated for 150 PSI maximum.

### **CAUTION: DO NOT PRESSURIZE YOUR TANK UNTIL YOU HAVE INSTALLED ALL NECESSARY PORT FITTINGS AND ACCESSORIES.**

- a. Apply sealant to threads of fittings prior to assembly and hand tighten each part then use a wrench for airtight connection.
- b. Do not over tighten if your port fittings are made from brass, since brass threads can be stripped. The fittings need to be only airtight.
- c. Always release air from tank before servicing or repairs.
- d. Wear safety glasses or goggles when operating this product.

### **WARNING: DRAIN TANK AFTER EACH USE. FAILURE TO DRAIN TANK AND REMOVE CONDENSATION WILL CAUSE TANK TO RUST PREMATURELY.**

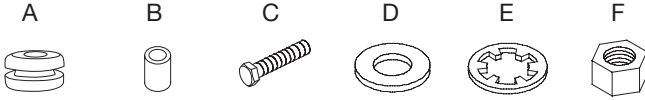
- a. To remove any accumulated condensation inside the tank, bleed pressure from tank until pressure is approximately 5 PSI to 20 PSI.
- b. Drain water from tank by opening the drain cock valve.
- c. If drain cock valve is plugged, release all air pressure from the tank. Remove and clean the drain cock valve then reinstall.
- d. After water has been drained, close drain cock.

**IMPORTANT:** Please observe air tank's Date of Manufacture (stamped on tank leg). Replace air tank 2 to 5 years from date air tank was first used, or use the date of manufacture as reference. Your adherence to air tank draining guidelines will determine the replacement date of your air tank. **RUSTED TANKS CAN CAUSE EXPLOSION OR FATAL INJURY.** Discard tank immediately if tank is rusted internally.

**NOTE:** When using safety pressure relief valve, point the safety pressure relief valve away from your body. Use the pull ring on the safety relief valve to open the relief valve to vent any pressure inside the tank before attempting to service tank.

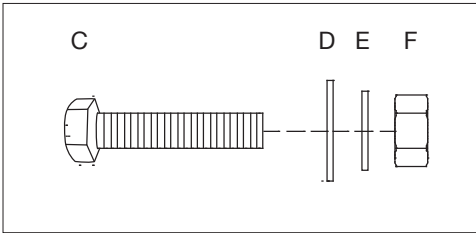
## 0.5 GALLON AIR TANK

### 0.5 GALLON AIR TANK PARTS LIST:



- A. Vibration Isolators (2 pcs)
- B. Brass Inserts (2 pcs)
- C. Mounting Bolts (M11 x 35mm) (2 pcs)
- D. Washers (2 pcs)
- E. Locking Washers (2 pcs)
- F. Hex Nuts (2 pcs)

See Fig. 1 for Mounting Hardware Assembly



**Fig. 1**

### TROUBLESHOOTING GUIDE:

PROBLEM:	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
Tank loses air pressure	1. Air leaks from fittings	1. Locate leak by applying soap & water solution. Tighten fittings as needed
Tank leaks	1. Pinhole from internal rusting of tank	1. Replace tank immediately
Can't get air from tank to inflate tire	1. Low tank pressure	1. Tank pressure must exceed tire pressure. Increase tank pressure

**LIMITED WARRANTY:**

VIAIR Corporation warrants this product, when properly installed and under normal conditions of use, to be free from defects in workmanship and materials for a period of one year from its original date of purchase. To receive warranty service or repair, please contact VIAIR Corporation.

Returns should be made within one year of the date of purchase, after a Return Goods Authorization (RGA) number has been assigned by VIAIR Corporation. To obtain RGA, fax a copy of your receipt to (949) 585-0188. For complete warranty details, please visit: [www.viaircorp.com/warranty](http://www.viaircorp.com/warranty)

**PLEASE NOTE:**

THIS WARRANTY COVERS PRODUCT DEFECTS ONLY; IT DOES NOT COVER INCIDENTAL OR CONSEQUENTIAL DAMAGES AS RESULT OF MISUSE OR ABUSE.



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