

TECHNICAL MANUAL
OPERATOR, UNIT, AND DIRECT SUPPORT
MAINTENANCE MANUAL

TANK, 3, 000 GALLON FABRIC,
COLLAPSIBLE, POTABLE WATER,
SEMI-TRAILER MOUNTED

NSN: 5430-01-181-4071
MODEL NO. 3, 000 GALLON

NSN: 5430-01-372-6901
MODEL NO. 91093

EIC: ZFX

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HEADQUARTERS, DEPARTMENT OF THE ARMY
27 OCTOBER 1986

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Maintenance Manual**

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CHAPTER 1
INTRODUCTION
Section I. General

1-1. Scope

The scope of this manual covers the information and instructions necessary for the operation and maintenance of the 3,000 gallon capacity tank. This manual covers two models, one manufactured by Uniroyal and the other by Amfuel. The Uniroyal tank is hereafter referred to as Model No. 3,000 gallon and the Amfuel tank as Model 91093.

1-2. Maintenance Forms and Records

Maintenance forms and records that you are required to use are explained in DA PAM 738-750, the Army Maintenance Management System (TAMMS).

1-3. Destruction of Army Material to Prevent Enemy Use

The tanks may be destroyed by mechanical means, such as cutting the tank from end to end with a sharp instrument or by burning.

1-4. Maintenance of Supplies and Equipment

Maintenance of supplies and equipment is explained in TB-750-25, Maintenance of Supplies and Equipment, Army Test Measures and Diagnostic Equipment (TMDE Calibration and Repair Support Program).

Section II. Description and Data

1-5. Description

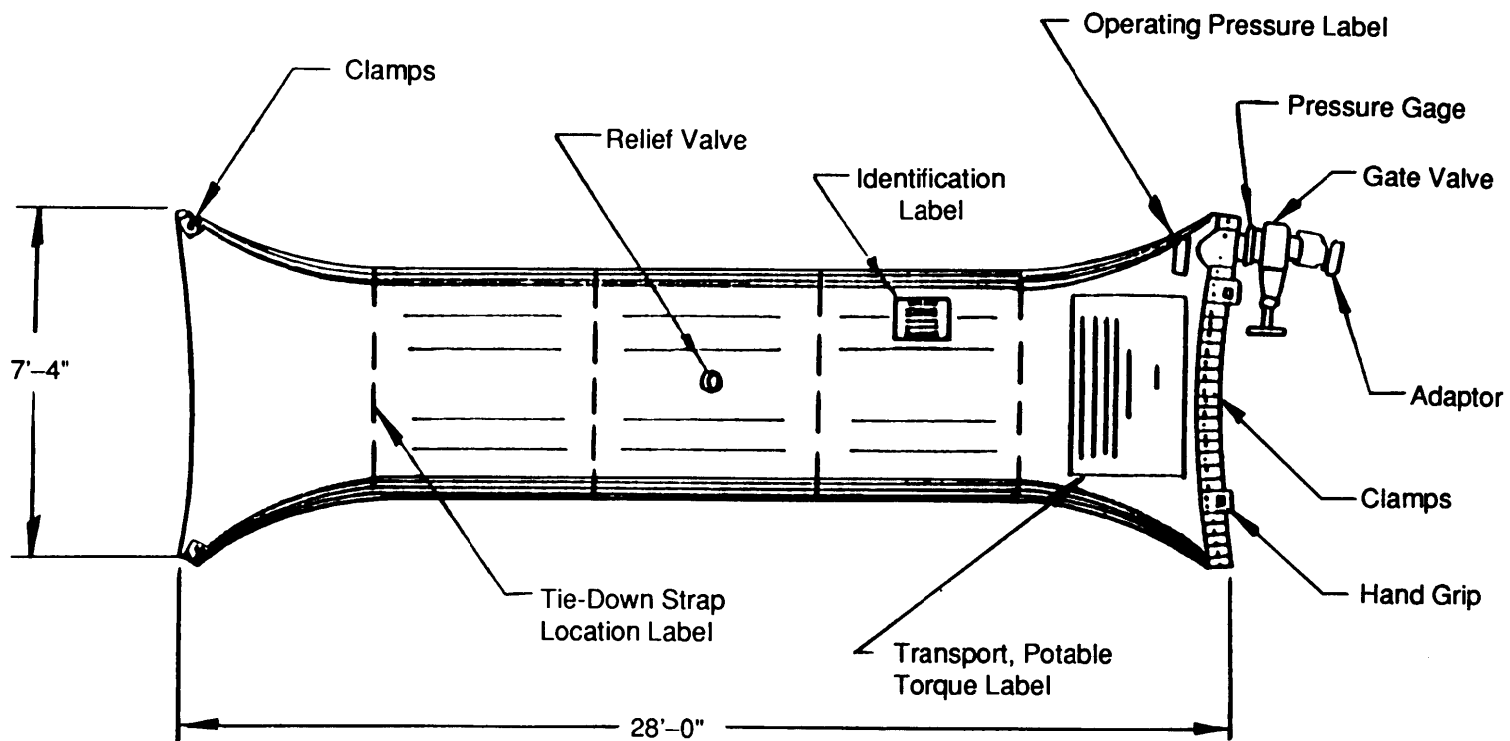
The tank is used for the storage and transport of potable water (drinking water). The assembled unit consists of a collapsible tank with pressure gage, end fittings, tie-down straps, emergency repair items, hose and tools to secure the tank safely on the M872, M871 and 127 semi-trailers. (See Fig. 1-1 and 1-1A, and Appendix C.)

Trailer tanks are warranted to be free of defects in workmanship and materials, and such tanks will be serviceable for a period of one year after the date of delivery when used in accordance with the manufacturer's instructions.

a. Collapsible Tank

Access to the tank interior is provided through the use of removable end clamps. When laid flat the tank is 28' long x 7'4" wide x 4" high. When filled it assumes a pillow-like shape approximately 27' long x 5'2" wide x 4'6" high.

Handles are provided to facilitate positioning of the tank while empty. When not in use, the tank may be folded or rolled and stored in the sling and shipping container.



3,000 GALLON POTABLE WATER TANK (Model No. 3,000 gallon)

FIGURE 1-1

