



MARSOL
TECHNOLOGIES

FOAM BLADDER TANK



ABOUT MARSOL

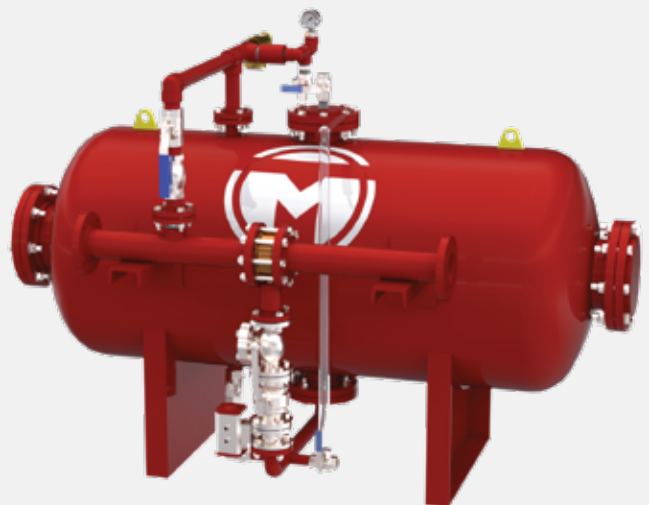
MARSOL Technologies, Inc., based in Houston, Texas, USA, specializes in designing, manufacturing, and implementing firefighting, safety systems, and related products for onshore, offshore, and marine industry applications. Our ethos is centred on delivering solutions that exceed minimum compliance requirements and ensure safety critical performance.

PRODUCT SERVICE SUPPORT

- 🔧 Foam Spray Nozzles
- 🔧 Enclosed or Open Skid
- 🔧 Foam Concentrates
- 🔧 Control Equipment
- 🔧 Custom Engineering
- 🔧 System Integration
- 🔧 Factory Approval Testing
- 🔧 Field Service and Technical Support

PRODUCT OVERVIEW

MARSOL Technologies Inc. designs and manufactures foam firefighting systems for oil, gas, offshore, and marine applications. Their Pre-piped Bladder Tanks are essential in balanced pressure proportioning systems, requiring only an adequate water supply to function. Made from carbon steel, these tanks feature a nylon-reinforced neoprene rubber bladder that stores foam concentrate. Available in vertical and horizontal versions and multiple sizes, they efficiently discharge foam concentrate as water supply collapses the bladder.



KEY FEATURES



- ACCURATE CONCENTRATE PROPORTIONING OVER A WIDE RANGE OF FLOW RATES.
- TANKS INCLUDE THERMAL EXPANSION ALLOWANCE FOR FOAM CONCENTRATES.
- SIMPLE DESIGN MINIMIZES MECHANICAL FAILURES AND REQUIRES NO EXTERNAL POWER.
- EASY TO RETROFIT INTO EXISTING WATER-BASED SYSTEMS AND COST-EFFECTIVE INSTALLATION.
- USES EXISTING WATER PRESSURE FOR FOAM SOLUTION DELIVERY.
- SAUDI ARAMCO HSERM COMPLIANT

Options

- 100% X-Ray design.
- Carbon or stainless steel construction.
- Epoxy or coal tar inner liner.
- 3rd Party Certification.
- National board registration.
- Pressure relief valve.
- Seismic calculations.

Applications

- Multiple high-hazard
- Aircraft Hangars
- Heliports
- Foam-water Spinkler
- Truck Loading Racks

Certifications

- American Society of Mechanical Engineers (ASME)
- Underwriters Laboratories, Inc. (UL) – Standard 162



SPECIFICATION

Compliance	ASME code section VIII Division 1, 'U' Stamp
Design Pressure	175 psi (12 bar)
Tested Pressure	263 psi (18 bar)
Construction Material	SA 516 Grade 70 carbon steel with nylon reinforced neoprene rubber bladder
Key Features	Perforated center tube, 0.37" (9 mm) water channel
Bladder Protection	Openings over 1.0" (25 mm) divided to prevent bladder damage
Vertical Tank Mounting	Full skirt with drilled tabs for anchoring
Horizontal Tank Mounting	Four legs, permanently welded and drilled for anchoring
Additional Features	Lifting lugs, ASME nameplate, 1.0" bronze trim valves per NFPA 11, red enamel finish, O&M Manual

OFFICES

Head Quarters

Marsol Technologies, Inc.

14331 Spencer Road (FM-529),
Houston Texas - 77095, USA.

Middle East

Marsol Technologies, FZE.

P.O Box 50481,
Hamriyah Free Zone, Sharjah, UAE.

Asia

Marsol Engineering (India) Pvt. Ltd.

Akshatha Enclave, Kuvempunagar,
Mysore, Karnataka, India - 570023.



Contact

Email : info@marsoltech.com

Phone : +1-346-701-8268

www.marsoltech.com

