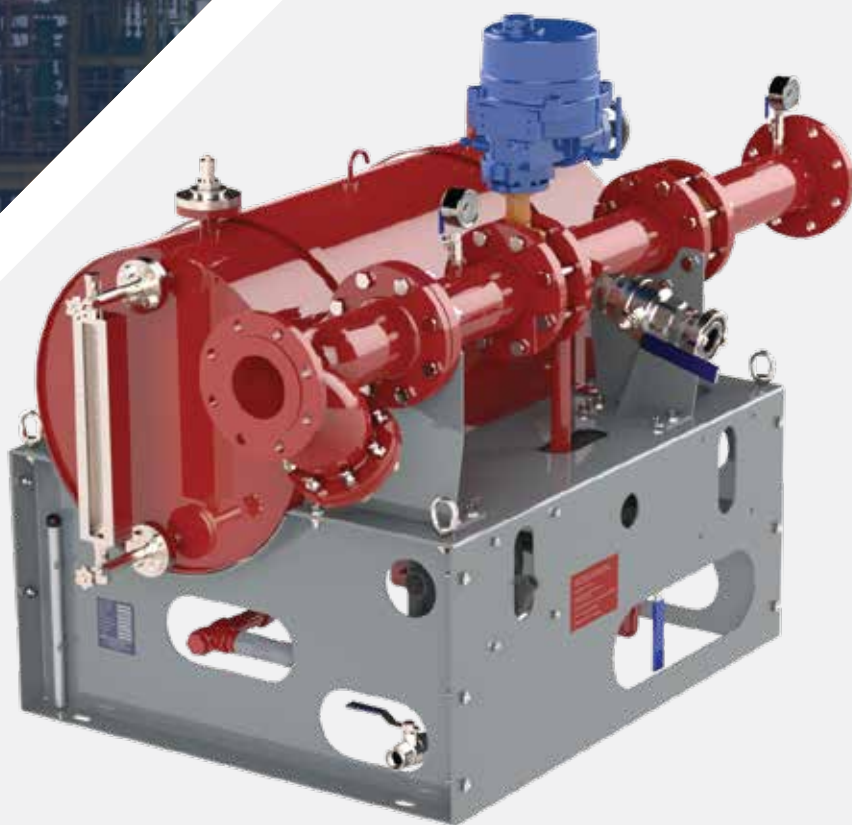




MARSOL
TECHNOLOGIES



FOAM TANK SKID DECK INTEGRATED FIRE FIGHTING SYSTEM



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

- ☛ Spray Nozzles
- ☛ Foam / Deluge Skid
- ☛ Foam Concentrates
- ☛ Control Equipment
- ☛ Custom Engineering
- ☛ System Integration
- ☛ Factory Approval Testing
- ☛ Field Service and Technical Support

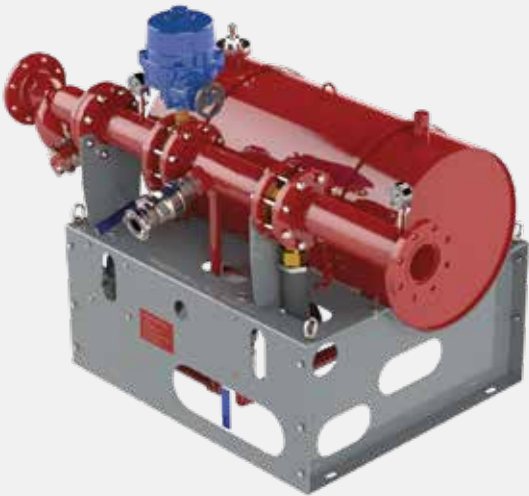
PRODUCT OVERVIEW

The MF Series are of bolted construction and designed and load tested for 4-point lifting. The skid frames are manufactured from stainless steel material and then 'off-shore' protected with a painted finish. Fasteners are also of stainless steel and are of the self-locking type. These skids are suitable for foam tank sizes ranging from 60gal. (228ltr.) to 170gal. (644ltr.). Certified for either In-Line Inductor or Water Motor Foam Pump (Turbine Proportioner), these skids are also fitted with an additional inductor, for the option of either one or two independent hose reel stations.



MF SERIES FOAM TANK SKID

The MF Series are of bolted construction and designed and load tested for 4-point lifting. The skid frames are manufactured from stainless steel material and then ‘off-shore’ protected with a painted finish. Fasteners are also of stainless steel and are of the self-locking type. These skids are suitable for foam tank sizes ranging from 60gal. (228ltr.) to 170gal. (644ltr.). Certified for either In-Line Inductor or Water Motor Foam Pump (Turbine Proportioner), these skids are also fitted with an additional inductor, for the option of either one or two independent hose reel stations.



MS SERIES FOAM TANK SKID

The MS Series are of welded construction and designed and load tested for 4-point lifting. The skid frames are manufactured using carbon steel or stainless steel square tubes and then ‘offshore’ protected with a painted finish. These skids are suitable for foam tank sizes of 60gal. (228ltr.) to 650gal. (246ltr.). Certified for either In-Line Inductor or Water Motor Foam Pump (Turbine Proportioner), these skids are also fitted with an additional inductor, for the option of either one or two independent hose reel stations.



SPECIFICATION

Foam Tank Capacity (MF Series)	60, 80, 100, 120, 150, 170 gallons
Foam Tank Capacity (MS Series)	60, 80, 100, 120, 150, 170, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650 gallons
Foam Proportioning	In-line foam inductor / Water motor foam pump
Main Isolation Valve	Motor operated butterfly / Deluge valve
Manifold Sizes	2" (DN50) / 3" (DN80) / 4" (DN100) / 6" (DN150)
Piping Material	CS / SS-316L / Super Duplex / CuNi-90/10 / GRE / Titanium Gr.2
Design Pressure	232psi (16bar)
Design Temperature	-4°F (-20°C) to 131°F (-55°C) - For MFI Skids / 33.8°F (1°C) to 131°F (-55°C) - For MFT Skids
Certification	ABS, United States Coast Guard (USCG)

MY SERIES FOAM TANK SKID

The MY Series skids are compact and designed especially for pleasure yachts. The skids are manufactured from stainless steel material and then 'marine' protected with a painted finish. The skid is suitable for foam tank sizes ranging from 30gal. (114ltr.) to 100gal. (379ltr.).

SPECIFICATION

Foam Tank Capacity	30, 40, 50, 60, 70, 80, 90, 100 gallons
Foam Proportioning	In-line foam inductor
Main Isolation Valve	Motor operated butterfly
Design Pressure	232psi (16bar)
Manifold Sizes	2" (DN50) / 3" (DN80) / 4" (DN100) / 6" (DN150)
Piping Material	CS / SS-316L / Super Duplex / CuNi-90/10 / GRE / Titanium Gr.2
Design Temperature	33.8°F (1°C) to 131°F (55°C)



ML SERIES FOAM TANK SKID

The ML Series skids are of totally enclosed type, which is of welded construction and designed & load tested for 4-point lifting. The skids are manufactured from carbon steel or stainless steel. The skid is provided with internal thermal insulation and enclosure heater unit. The skid is suitable for foam tank sizes ranging from 60gal. (228ltr.) to 650gal. (2461ltr.). Certified for either In-Line Inductor or Water Motor Foam Pump (Turbine Proportioner), these skids are also fitted with an additional inductor, for the option of either one or two independent hose reel stations. Skids are specially built for installations in low temperature climate conditions.



SPECIFICATION

Foam Tank Capacity	60, 80, 100, 120, 150, 170, 200, 250, 300, 350, 400, 450, 500, 550, 600, 650 gallons
Foam Proportioning	In-line foam inductor / Water motor foam pump
Main Isolation Valve	Motor operated butterfly / Deluge valve
Manifold Sizes	2" (DN50) / 3" (DN80) / 4" (DN100) / 6" (DN150)
Piping Material	CS / SS-316L / Super Duplex / CuNi-90/10 / GRE / Titanium Gr.2
Design Pressure	232psi (16bar)
Design Temperature	-4°F (-20°C) to 131°F (-55°C)

Compliance

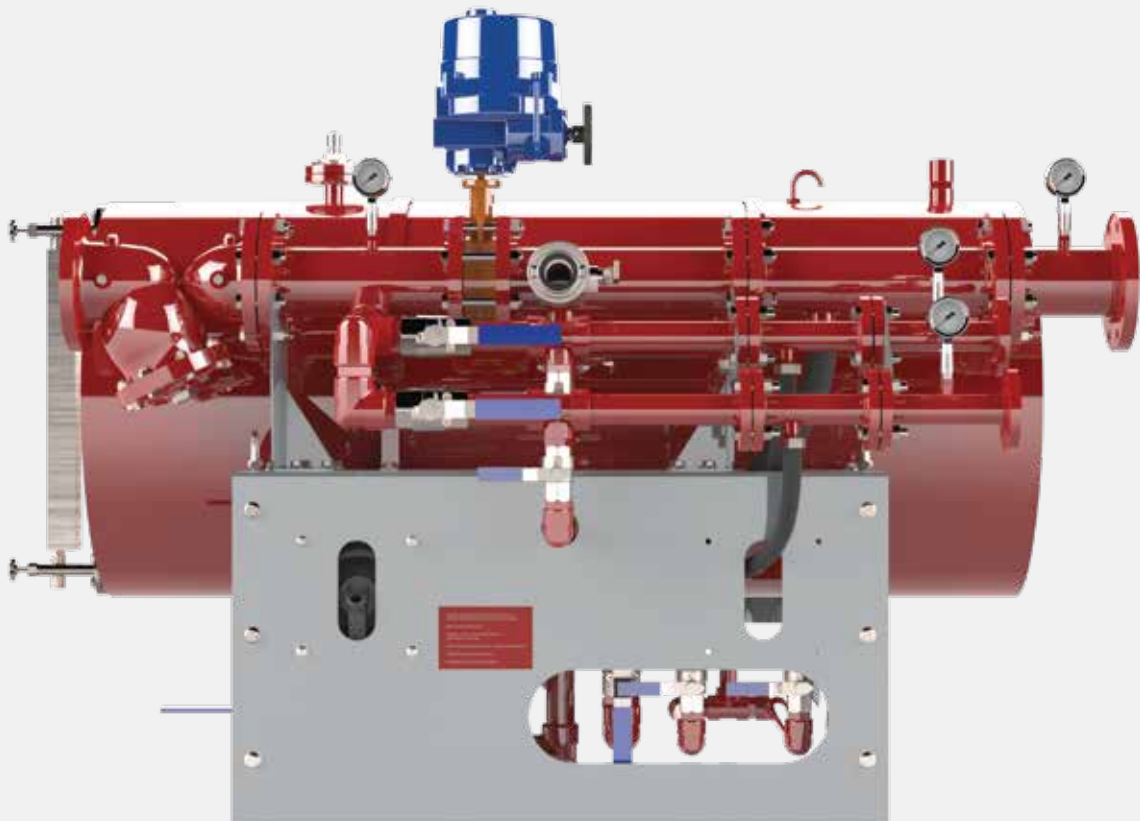
- CAP-437
- CAP-1264
- NFPA-418
- CAR-325
- ABS MODU / Marine Vessels
- IMO MSC 1./Circ. 1431 (2012)
- NORSOK, S-001: 2020+AC
- United States Coast Guard (USCG)
- UL-162
- FM-5130
- HSAC RP-161
- DNV, BV, LRS, RINA, IRS

Foam Tank skid Key Features

- Compact and light weight
- Simple installation and maintenance
- Built in foam concentrate filling pump
- Comprehensive certifications

Foam Concentrate Type

- AFFF-1%
- AFFF-3%
- Fluorine Free - 3%
- US-Mil Spec. AFFF-3%



Options

- Level gauge or level transmitter
- Pressure switch or transmitter
- Explosion proof electricals
- Custom design available upon request

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