



**Fire Prevention/Suppression
HAZMAT/Decontamination Products**
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SPECIFICATIONS TRI-MAX SUPER 60 SKID CAF SYSTEM

AGENT TANK:

The agent tank shall hold 60 gallons of pre-mix foam agent and shall be manufactured in accordance with ASME standards. The tank fill shall include a fill funnel to facilitate easy foam and water filling through a 3 in. pressure sealed fill port with 3 in. brass long handle pressure cap, and inside lug bushing with screen.

The liquid tank shall be coated on the inside with a powder coated epoxy paint process to protect vessel from surface rust and prevent corrosion. The outside of the liquid tank shall be painted with an epoxy polyurethane red paint to protect liquid vessel from elements.

TRANSPORT FRAME:

A Polypropylene modular frame shall support the agent tank, including two (2) built in enclosed compartments to house two (2) high pressure air vessels, along with hose reel and 2nd discharge system hose tray. The polypropylene modular frame shall be equipped with front and rear openings for standard fork lift operations. Two, (2) thru frame side openings, 4in. in length, by 2 in. in height, forward and aft of center of gravity shall be designed into the Polypropylene frame to accommodate lifting straps with swivel clevis for helicopter sling load operations. Sling load kit shall accompany each Tri-Max Super 60 CAF system in case unit is used for fire protection of FARP operations.

AIR SUPPLY:

Two (2) 150 cu. ft. 2250 psi air cylinders shall be provided. One (1) air cylinder shall be capable of discharging the full agent tank at normal blend-air settings. High pressure air hose and connections shall be rated for 6,000 psi. One high volume, Aqua En. model 873-400, air regulator shall be provided, matched to the discharge flow rating, to allow finished foam expansion ratio's of 20 to 1 and greater. All low pressure air hose shall be steel braided, 3/8 "300psi, 210° F. All liquid and foam ball valves shall be rated for 400 psi. A pressure relief valve shall be provided, set at 200 psi. Pressure gage(s) shall be 3 in. liquid filled chrome faced provided to indicate system operating pressure(s).

DISCHARGE SYSTEM:

No. 1 discharge system. 100 ft. of 1" rubber booster discharge hose shall be provided on a manual crank rewind hose reel and chrome roller guide assembly, with a 1" ball valve discharge and pistol grip 1" CAF nozzle with ball valve shut-off. No. 2 discharge system. 100 ft. of 1 ½ in. collapsible hose shall be provided with a 1 ½ in. ball valve discharge and pistol grip 1 ½ CAF nozzle with ball shut-off. No. 2 discharge system, continued. The pressurization shall be a quick opening valve on the low pressure side of the regulator allowing the system to be stored and transported without pressure until needed for fire fighting (activation time 5 sec.).

PREFORMANCE:

The fire suppression system shall be capable of discharging up to 1200 gallons of finished foam product. Duration times shall be 1 1/2 to 6 minutes depending on discharge rate. Foam discharge distance shall be up to 75 ft. for the 1 in. foam discharge system and up to 90 ft. for the 1 ½ foam discharge system. Finished Foam Delivery Rates shall be up to 350 GPM of finished foam for the 1 in. discharge system. Finished Foam Delivery Rates shall be up to 550 GPM of finished foam for the 1 ½ in. discharge system. Both 1 in and 1 ½ in. systems can be fired at the same time with delivery rates of over 800 GPM finished foam for a duration of up to 1 minute and 15 seconds.

DIMENTIONS & WEIGHT:

The unit shall be 70 in. long and 32 in. high (to top of brass fill cap) and 43 in. in width. Empty weight is 630 lbs and loaded weight is 1140 lbs.