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SPECIFICATIONS

TRI-MAX 30 WHEELED

AGENT TANK:

The agent tank shall hold 30 gallons of pre-mix foam agent and shall be manufactured in accordance with ASME standards. The tank fill shall include a fill funnel plus a garden hose adapter to facilitate easy foam and water filling. The tank shall be coated with an epoxy polyurethane red paint.

TRANSPORT FRAME:

A tubular steel framework shall support the agent tank, two (2) high pressure air vessels and discharge hose. The unit shall incorporate a “roll bar” design to protect components from accidental damage. Two (2) large semi-pneumatic tires plus two (2) swivel wheels and tow bar shall allow the unit to be horizontally towed and maneuvered at the fire scene or to be wheeled and positioned vertically. The frame and roll bar shall be coated with an epoxy polyurethane yellow paint.

AIR SUPPLY:

Two (2) 80 cu. Ft. 3,000 psi Scuba 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 or two high volume air regulators (87 cfm, 155 psi) shall be provided, matched to the discharge flow rating. All low pressure air hose shall be steel braided, ¼” 300 psi, 302° F. All ball valves shall be rated for 400 psi. A pressure relief valve shall be provided, set at 200 psi. Pressure gauge(s) shall be provided to indicate system operating pressure(s).

DISCHARGE SYSTEM:

50 ft. of 1” rubber discharge hose shall be provided (maximum hose lay – 200 ft.). A blend-air valve shall be conveniently located to adjust the foam expansion ratio from 5:1 to 20:1 or more. 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.).

PERFORMANCE:

The unit shall be capable of discharging up to 600 gpm of finished foam product. Duration time shall be from 1 ½ to 6 minutes depending on discharge rate. Foam coverage distance shall be 75 ft. or more.

SIZE AND WEIGHT:

The unit shall be compact and portable with a height of 36”, width of 33” and length of 44”. A fully charged 2 bottle system shall weigh approximately 577 lbs.

OPTIONAL FREEZE PROOF FOAM

Tri-Max -40F/-40C foam shall be provided in 5 gal. containers. The foam shall be bio-degradable and emulsify with flammable liquids. The foam shall contain no fluorocarbons and no ozone depleting substances.