



## **FOAM GENERATORS**

Pressure Tank Assemblies: Pressure tank units may be sized for any reasonable production rate for use with either continuous or batch mixing systems. Pressure tanks are supplied in sizes from 10 to 200 gallon capacity to accommodate the work anticipated. Where continuous use is desired, two tanks of equal size may be coupled together in parallel so one may be discharging while the second is being charged with liquid foam concentrate and water. Calibrated foam nozzles with fixed foam discharge rates from 1 to 40 CFM are available.

### **PRESSURE TANK ASSEMBLIES CONSIST OF:**

- ASME coded, internally epoxy coated tanks.
- Air Metering assembly consisting of regulator, filter, safety valve, blow down valve and metering valve.
- Premix metering assembly consisting of pickup tubes, strainers, and metering device.
- Foam nozzle, nominal capacity up to 40 CFM. Includes delivery hose.
- Controls: Manual Controls standard, AC or DC timer with solenoid valves available.
- A complete Owner Operator Manual is supplied with the unit.

### **AutoFoam<sup>TM</sup> (AFS) GENERATING ASSEMBLIES:**

Our AutoFoam<sup>TM</sup> units siphon foam liquid concentrate directly from the concentrate's 55-gallon drum shipping container. The liquid foam concentrate is metered with water to produce premixed solution of the proper concentration. This solution is then pressurized and balanced against air pressure. Air and the premix solution are then metered into a foam nozzle. The nozzle is packed with a high surface area to volume material, which facilitates the production of a fine, micro bubbled foam of a specific density and quantity. Calibrated foam nozzles with fixed foam discharge rates from 1 to 40 CFM are available.

The AFS unit is compact - approximately 2' x 2' x 3' high, plus the drive engine. AutoFoam<sup>TM</sup> drive units may be electric, hydraulic, diesel, gasoline, or air powered. A complete Owner and Operator manual is supplied with each unit.

We will be glad to design a specific unit to meet your requirements.