



## FOAM PROPORTIONING EQUIPMENT

### 36 GALLON BLADDER TANK/FOAM STATION

#### DESCRIPTION

The Buckeye Bladder Tank/Foam Station is a self-contained foam proportioning system that requires no external power other than a suitable supply of water to place the unit in operation. It is compact in size and consists of a 36 gallon vertical style bladder tank with a pre-piped 2 1/2" ratio controller connected to a continuous flow hose reel containing 100' of 1 1/2" hard rubber hose and nozzle. The following valves are part of the complete unit:

- Tank shell vent and drain valves
- Bladder drain valve
- Manual ball valve and a swing check valve installed on the pre-piped foam concentrate line to the ratio controller.

Each unit is mounted on a sturdy structural steel frame, painted with red enamel and shipped completely assembled.

#### FEATURES

- One man operation.
- Bladder tank has a PVC center tube to allow total agent discharge. A fill/drain valve at the bottom of the tank permits simple and easy filling of the unit. A sight glass is provided to check the liquid level. The level can only be checked after all water has been drained from around the bladder.
- Meets the guidelines of NFPA 409 Aircraft Hangars for supplementary foam/water hand hose lines.
- Suitable for use with all Buckeye manufactured Class A and Class B foam concentrates.
- Bladder tank and ratio controller U.L. listed.
- All 1" valves are 1/4 turn manual ball valves manufactured in brass with a chrome plated bronze ball and Teflon™ seats. Each valve handle is marked with its particular and specific function.

- Unit is suitable for use with water only discharge through the hose reel by closing foam concentrate control valve.
- 2 1/2" ratio controller provides a wide flow range with low pressure loss. Recommended minimum water inlet pressure for correct proportioning and nozzle range is >60 psi.
- Ratio controller concentrate inlet orifice is preset to ensure correct proportioning.
- Suitable for use in any environment where fire fighting foam extinguishing capability is required.

#### OPTIONS

- Tank interior coal tar epoxy coated for salt water environment.
- Complete exterior of assembly finished in red epoxy paint.
- Stainless steel trim.
- Hose reel supplied with 100' x 1 1/2" hose.

#### ORDERING INFORMATION

When ordering a Buckeye Bladder Tank Foam Station, specify any options that are required.

Part No. BF-VBT-36 - Standard 36 Gallon Bladder Tank/Foam Station in red enamel paint with hose reel containing 100' x 1 1/2" hose and hand-line nozzle.





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