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RESPONSE • EQUIPMENT • TRAINING

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AROUND-THE-PUMP SYSTEMS

WATP-1500V High Head Around the Pump Foam System

GENERAL DESCRIPTION

The Williams 'High Head' Around-the Pump 1500V Foam System is designed to be installed within the apparatus piping to provide foam proportion at .25% / .5% / 1% / 3% / 6% foam solutions up to 4800 / 4500 / 4000 / 1500 / 750 GPM respectively. The system will operate against hydrant pressures up to 33% of pump main discharge pressure. This economical system is easy to use and completely water driven - there is no foam pump to maintain. The WATP can proportion foam from on-board foam cell(s) or remote source via an external auxiliary foam inlet (apparatus manufacture supplied).

Optional clear PVC foam concentrate pick-up hose(s) and single/double 'stinger' tubes are available for use with external foam concentrate sources.

Designed as a dual agent system for use with Class 'A' and Class 'B' foam concentrates, the system features a variable metering valve that allows infinite adjustment to accommodate accurate foam solution flows between any two specific metering valve positions.



FEATURES / BENEFITS

Operates against 33% Pump Suction Pressure. (Example: Master Pressure @150 PSI, Suction Pressure @ 50 PSI)

Proportions Class "B" Foam up to 4000 GPM at 1%.

Proportions Class "B" Foam up to 1500 GPM at 3%.

Proportions Class "B" Foam up to 750 GPM at 6%.

Positive Shut-Off on Metering Valve.

Requires no maintenance.

Water Powered.

External Foam Source Capabilities.

NFPA 1901 Compliant When Equipped With Williams 4" WPRV/4T Intake Pressure Reducing Valve.

Basic System Includes:

Jet Pump, Metering Valve, Check Valve, In-Line Strainer, Motive Water Control Valve, Control Panel and Block Valves.

Materials of Construction:

Brass, Stainless Steel and Stainless Steel Trim.