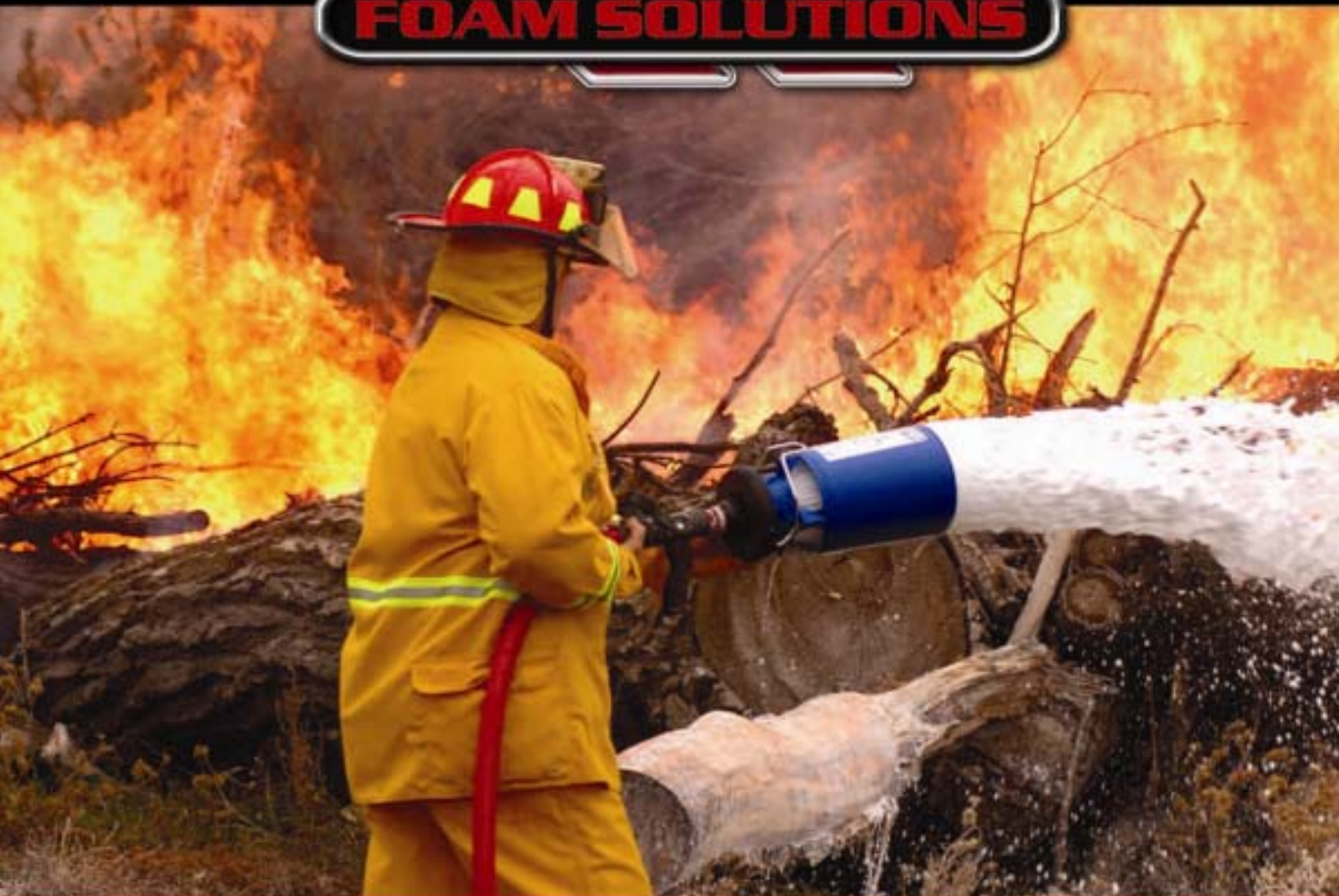




FOAM SOLUTIONS

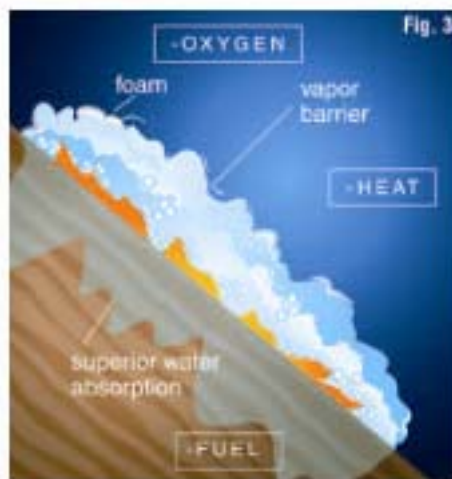


 **rosenbauer**
Firefighting Technology

Choose Your Weapon.



There's more than one way to fight a fire. New technologies in foam use are proving faster knock-downs, less water usage and improved firefighter safety. Regardless of your firefighting application, pump brand or required concentrate, Rosenbauer can help find the foam system that's right for you.



The Foam Advantage.

Rosenbauer foam systems make your water work harder, increasing your effectiveness by up to three to four times – a dramatic improvement over using water alone.

Foam solutions increase the amount of surface covered and initiate faster dissipation of heat. They also separate the fuel from oxygen, increasing the resistance to burn and permitting the water to penetrate faster and deeper. Hundreds of foam concentrates are available, but most fall into four basic categories: Class A Foam, Class B Foam, Emulsifiers and Gels.





Better water delivery.

By producing very fine water particles, the UHPS provides greater surface coverage. A full jet stream penetrates the flames and attacks the source of the fire using continuous extinguishing or bursts adjusted between jet and spray patterns. The UHPS creates minimal water damage in the complete conversion of water to vapor and conserves your water resources, resulting in fewer tank refills.

Adapts to every application.

UHPS components can be mounted in a variety of configurations on a wide array of apparatus. Use the UHPS as a slide-in unit for a pickup or brush truck, as a retrofit to an existing apparatus or with an ATV system for a parking ramp or forest service.

Versatility for smaller vehicles.

Minimum water demand helps the UHPS adapt well to smaller vehicles, along with a lightweight hose for easy handling. The system also features an integrated foam system with aspirating attachment and a fixed pressure and output that require no adjustment once started.

The UHPS also features:

- Preset output of 10 GPM at 1450 PSI.
- Fully automatic settings from 0.1% to 6.0% for all foam types.
- Briggs & Stratton 16 HP Vanguard engine with six-cylinder high pressure pump.
- Five-gallon foam tank
- Water tank capacity up to 300 gallons depending on the application and vehicle mounting location.



Designed for high pressure situations.

Rosenbauer's Ultra High Pressure System (UHPS) is ideal for first responders, car fires, forest fires and small gasoline and alcohol fires. Developed in a joint project by Rosenbauer and the U.S. Air Force, the UHPS is a proven and extensively tested system that provides big fire fighting capability in a small package.





Always a system that's right for you.

FoamPro Automatic Direct Injection Foam Systems are available on all Rosenbauer models and match nearly every flow and foam type to meet your department needs.

FoamPro systems are excellent for stationary and pump-and-roll applications and remote start/stop function. Featuring fully automatic foam proportioning regardless of changes in flow or pressure, FoamPro systems ensure accuracy over the widest range of flows.

FOAMPRO®

Precision foam every time

Clear, dependable control features.

- 1.) FoamPro systems allow easy operation and monitoring with LED push button controls and alerts for low level tanks and high flow conditions.
- 2.) Operators can select either tank for desired foam concentrate with a single switch. FoamPro systems also feature a water/foam pump flush.
- 3.) An optional onboard, electronically-controlled tank refill system increases safety by keeping personnel and foam containers on the ground. The 10 GPM, 12-volt pump shuts off and notifies the operator when the tank is full. A fresh water flush is also provided.
- 4.) Tank level indicators are dependable and easy to read. In addition, all FoamPro systems and foam/water tanks are built and tested to NFPA standard 1901 compliance.



Foam Pro System	Foam Flow GPM	Water Flow Range	Percentage Mix Ratio	Controls	Class A	Class B
1600	1.7 GPM	500 GPM 340 GPM 170 GPM	0.2% 0.5% 1.0%	On- Off Mix Ratio	Yes	No
2001	2.6 GPM	1300 GPM 520 GPM 260 GPM 85 GPM	0.2% 0.5% 1.0% 3.0%	Digital Display *	Yes	Yes
2002	5 GPM	2500 GPM 1000 GPM 500 GPM 166 GPM	0.2% 0.5% 1.0% 3.0%	Digital Display *	Yes	Yes
3012	12 GPM	4000 GPM 2400 GPM 1200 GPM 400 GPM 200 GPM	0.3% 0.5% 1.0% 3.0% 6.0%	Digital Display *	Yes	Yes

The 1600 Class A foam series is best for light attack trucks, pumpers and mini pumpers, quick attack rescue pumpers and wild land/urban interface trucks.

The 2000 and 3000 Class A and B series foam systems best suit municipal and industrial foam pumpers, aerial ladder trucks and airport rescue firefighting vehicles.

For industrial use, systems up to 300 GPM of concentrate are also available.

FoamPro AccuMax™ Multi-Port Injection Systems



Flow for high foam solution needs.

FoamPro's AccuMax system is the first high volume, multi-port foam injection system for Class B industrial applications. This high-flow system is designed to protect oil refineries, petrochemicals, aircraft and other large, high-value assets at the most crucial times.

With a master microprocessor that manages all foam requirements and directs the system to deliver precise amounts of foam concentrate, the AccuMax system achieves full pump performance without venturi or ratio-type restrictions.

The AccuMax also features:

- Up to eight individual discharge controls.
- Discharges that offer a choice of plain water, 1%, 3% or 6% solution.
- Fully automatic foam proportioning, regardless of change in flow or pressure.
- Push-button operation, which makes it the easiest system to use.
- On-demand, flow-based performance.
- Unrestricted water flow, so full water performance is delivered to the discharge outlet.

System Capacity

Foam Concentration	3090 Maximum Water Flow GPM (L/min)	3150 Maximum Water Flow GPM (L/min)	3300 Maximum Water Flow GPM (L/min)
1.0%	9,000 (34,065)	15,000 (56,775)	30,000 (113,550)
3.0%	3,000 (11,355)	5,000 (18,925)	10,000 (38,750)
6.0%	1,500 (5,677)	2,500 (9,463)	5,000 (18,925)





Designed to maximize every gallon.

Rosenbauer's Max CAFS is a high-performance, economical compressed air foam system designed to make the most of your water power. The Max CAFS injects air into the foam solution, forming a stronger solution comprised of "bubbles." This injection process delivers a more efficient fire stream and increases stream reach.

The Max CAFS features a 200 CFM rotary screw compressor along with a fire pump and foam proportioning system, so foams are aspirated long before leaving the nozzle. The compressor is PTO-driven and provides compressed air for tools and other utilities. In addition, if the pump fails, the compressor supplies air when a hydrant or other pressurized source is used to supply water to the pump.



Operator-friendly controls and complete flow adjustment.

The Max CAFS is automated and designed with easy to adjust controls for simple operation and monitoring. Unlike other systems, the Max CAFS also automatically adjusts air and water to equal pressures and has individual air adjustment valves at the control panel, enabling the operator to regulate the air for desired foam consistency. Each CAF discharge may be adjusted to wet, fluid or dry foam.

Versatility and safety in one system.

The Max CAFS can be configured for pump-and-roll or stationary applications with all major pump brands. High-energy streams and lightweight hose lines give this foam system tremendous reach and create a safer, less stressful environment for firefighters.

Rosenbauer Fix Mix High Pressure Foam System



A flexible, cost-effective alternative.

The Rosenbauer Fix Mix high-pressure foam system provides CAFS-like foam as a reliable alternative to other more costly and complicated foam equipment and is optional on the Rosenbauer NH Series fire pumps. This fully mechanical system requires no electricity, hydraulics or calibration to keep operations simple with low maintenance. The Fix Mix system enables flows of high pressure foam and normal pressure simultaneously, both in stationary and Pump-and-Roll operation.



Foam options for easy operation.

Suitable for both Class A and B foams, the Fix Mix system offers constant proportioning rates and is available in ratios from 0.5% to 6.0%. The Fix Mix system never needs calibration and automatically adjusts to varied flow rates for simple operation and maintenance.

Concentrated reach.

With Rosenbauer NH pumps and Fix Mix, a 100 GPM stream reaches up to 125 feet, dousing fires from a safe distance. In a pump-and-roll operation, you can attain even more firefighting capability at speeds of 0 to 10 mph in both forward and reverse gear.



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