

Ultra high pressure system UHPS

Maximum extinguishing efficiency with optimum performance

Rosenbauer has been offering the UHPS, a compact and efficient extinguishing system, for over 10 years now. It has proved to be of value, especially in first attack. The next generation of the Rosenbauer UHPS was developed in cooperation with experienced users with the objective to improve upon the over 1000 UHPS units being used over the world.



A ultra high pressure unit – Why?

The advantages of the UHPS ultra high pressure system are especially evident in fast attack, rapid intervention and technical vehicles. Fast attack vehicles can be moved in pedestrian area as well, and are able to reach the fire-affected area much faster despite rush-hour traffic, narrow old-city streets, or heavy snow. Since these vehicles rarely have fire pump systems, Rosenbauer has developed a lightweight, complete extinguishing unit – the UHPS.

The UHPS unit comprises of:

- 3-cylinder brass ultra high pressure piston pump with ceramic pistons (oil-bath lubrication) and water pre-filter, output 38 litres/min
- Integrated foam proportioning system, manual foam proportioning rate 0 to 6 %, continuously adjustable
- 2-cylinder 4-stroke petrol engine Briggs & Stratton with e-starter + battery; 8.5 litres fuel
- Hose reel with 60 m rubber hose, incompressible DN 12/20 mm
- UHPS standard nozzle, full/spray jet continuously adjustable with foam attachment
- Foam canister 20 litre
- Water tank 100 to 500 litre in various designs