

UltraCAF® 200CG.A

COMPRESSED AIR FOAM SYSTEM (CAFS)



UltraCAF® 200CG.A is a fire fighting foam system that makes possible to put out effectively, both Class A fires (solids) and Class B fires (liquids). It uses the CAFS technique, which produces the foam by injecting compressed air into the foam solution. Then, the foam is already formed and transported through the hoses to the smooth bore nozzle, from where it is applied. The result is a foam with fine and uniform bubbles, improved heat resistance, low drain rate and a high adherence capacity for vertical surfaces.

The **UltraCAF® 200CG.A** is based in a rotary screw compressor driven by a 20HP petrol engine. It contains an oil cooler with an electrical fan to refrigerate the oil of the compressor. The petrol engine includes a starting motor, an alternator and battery, what means that the system is

electrically autonomous.

An electronic foam proportioning system **DOSIFOR®** injects the necessary amount of foam concentrate according to the real water flow and to the selected dosage rate (between 0.1 and 3%) of Newtonian foam concentrates. The dosage ratio is controlled by a rotary selector switch from 0% (foam injection disabled) to 3%. The foam proportioning system is power supplied from the unit, so that only the water source and the foam concentrate are needed for operation.

The **UltraCAF® 200CG.A** can supply foam with compressed air through a UNI 45 outlet to which the hose and a smooth bore nozzle can be connected. This unit can supply up to 200 l/min of foaming solution and it can produce foam of various degrees of expansion from very wet (air/water ratio 5) to very dry (air/water ratio 20).

ADVANTAGES OF THE SYSTEM



- Low weight in the hoses and low nozzle reaction
- Longer range
- Reduction of water consumption in comparison with conventional systems
- Reduction of foam consumption
- Better foam quality
- Less time in putting out fires
- Better burnback resistance



FEATURES

- High precision electronic foam proportioning system 0.1-3% (**DOSIFOR® - 6G**: 6 l/min @ 8 bar)
- Rotary Screw Air Compressor 1200l/min @ 8 bar
- Control Unit with a high illuminance 7" colour sunlight readable touch screen .It displays the actual water and foam concentrate flow rates, foam proportioning rate, water, foam consumption counters. This Screen also includes water, air and foam solution outlet pressures.
- Petrol engine of 20 HP to drive the different components of the equipment. (The fuel tank is portable and is not installed inside the unit).
- Mixing and regulating devices (valves, mixing chambers, flow sensors....)
- Dimensions (length x width x height): 1000 x 800 x 600 mm.
- Weight (approx.): 250 Kg.
- Water Inlet: UNI 45
- CAFS Outlet: UNI 45 (200 l/min)



UltraCAF®
New Touch Screen

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