

Compressed Air Foam Device

MicroCAFS PBK MC6SP50 T



MicroCAFS PBK[®]
patented mixing technology

Technical Specifications:

Extinguishing capacity:	50 litres *
Compressed air cylinder:	5 litres at 200 bar
Operating pressure:	approx. 8 bar
Hose length:	> 15 metres
Weight:	approx. 95 kg at 50 litres charge
Foam agent at 50 litres:	1.5 litres AFFF 3%
Throwing range:	up to approx. 16 metres (wet)
Temperature range:	min. + 0°C to max. + 60°C
Working time in continuous operation	
Wet foam:	approx. 130 seconds at 50 litres charge Flow rate approx. 23 l/min water
Dry foam:	approx. 390 seconds at 50 litres charge Flow rate approx. 7.7 l/min water
Terminology:	„wet“ means high density „dry“ means lower density

Regulated according to Pressure Equipment Directive 97/23/EG.
Device is bearing ce mark CE0029.

Exact Vessel capacity can be little less than 50 litres for ex. Approx. 47.5 litres, so nominal filling volume in this case is 45 litres similar to EN1866. Vessels may be overfilled completely without any air reservoir above liquid, so that in consideration of allowed undershooting of 5% there is althrough nominal capacity of 50 litres.

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Description

MicroCAFSPBK® is designed to provide a good quality foam blanket for both Vapour suppression and Fire Fighting. The unit also provides total portability and easy access to difficult to reach areas. Micro CAFS is well suited to conditions where water is not readily available with sufficient pressure for conventional foam making equipment. Compressed Air systems also provide superior discharge range and excellent cohesion and cooling properties.

Applications

- ✚ Class Fires
- ✚ Car Fires
- ✚ Vapour suppression
- ✚ Industrial fire Fighting applications
- ✚ Informal Areas Fire fighting On Skid Mounted units

Key Features & Benefits of Compressed Air Foam Systems

- ✚ Air Fixture is based on Injection into the Premix as opposed to air entrainment on conventional Foam systems. This results in a good quality cohesive Foam Blanket with slow drainage.
- ✚ These systems increases the energy in the systems thus resulting in longer throw ranges
- ✚ Reduced Water damage
- ✚ Rapid cooling to Hot surfaces
- ✚ Hose lines are lighter
- ✚ Reduced Runoff water
- ✚ Reduced Pressure required
- ✚ Reduced smoke emissions

Mobile Units

- ✚ Standard sizes 50 L / 100 L / 200 L
- ✚ Use Standard BA Cylinder or Compressed air Supply of 8 Bar
- ✚ Totally portable and mobile
- ✚ Discharge Hose 3 m with Foam Nozzle
- ✚ Recharge after use without special tools
- ✚ Units shall be ready for use in 2 minutes after recharged
- ✚ Premix can be stored on a Can ready for use

Optional

- ✚ Skid Mounted Units for Informal areas Fire Fighting – 250 / 500 L
- ✚ Control Panel with additional Control Valve and Pressure Gauge for system operation and monitoring.
- ✚ Breathing Apparatus Cylinder – 300 Bar, 6 L

MicroCAFSPBK®

Distributor / Dealer - Local Content – South Africa

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