

AWG HiPress and HiCafs

Portable High Pressure Extinguishers for professional use

- Ideal for first attack.

Apartment fires, fires in their early stages. Vehicle fires especially on highways. Gas fires and pressurized burning liquids. Post extinguishing work. Intensive yet preserving cooling of components. Stand-by duties at public events and protection of police personnel. Possible substitution of a water extinguisher, foam extinguisher or powder extinguisher or the stirrup pump and can be integrated in nearly all fire fighting vehicles.



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The extinguishing principle

By far the most of all fire fighting operations are against small fires. Extinguishing procedures used so far, involved lots of equipment and personnel and caused often devastating damage from extinguishing water.

The HiPress extinguishers eject water in micro-drops and fight the fires without water damage. Small and handy, the HiPress 01/006 and 02/010 can be carried everywhere, even by firemen wearing breathing apparatus. Thus they

are quickly at the site of the fire and this means high efficiency with a minimum of personnel. Even burning liquids can be extinguished with special extinguishing additives.

Applications for CAFS technology

By adding supplementary air the CAFS technology produces heavy foam with a homogeneous structure of bubbles, providing a very good adhesive power on burning substances. Mainly on vertical surfaces and on the ceiling the foam adheres long time and extinguishes thereby much more efficiently than water. The longer adherence binds more energy and at the same time an effect of asphyxiation is obtained by cutting off the supply of oxygen. Because of the low surface tension the extinguishing agent penetrates very quickly into the burning material

and extinguishes thereby also glow's nests. This reduces substantially the formation of smoke and the risk of re-ignition. HiCafs can be applied for fires of the classes A and B. Up to now this technique was realizable only in stationary installations. Now the technology is transformed into a portable high pressure extinguishing system. Thus now the same effect as in steady CAFS-installations is obtained. Due to the high pressure the foam is applied uniformly and adheres even on window panes.

Advantages

Quick, easy and efficient fighting of fires without water damage. Fire classes A and B. Ideal for first attack, no time-consuming positioning of fire hoses. Very high lancing distance allowing an excellent security distance to the burning object. Extinguishing jet can be dosed without back-stroke with the extinguishing pistol compact and uncomplicated. Can be recharged very quickly

and as often as necessary by the trained operator. It can be used as replacement for the stirrup pump on all vehicles. Minimal maintenance. All parts in non-corrosive or specialcoated materials allowing even the appliance with seawater. Robust and long-life devices because of quality materials.

Technical data HiPress

| | HiPress 01/006 | HiPress 02/010 |
|-----------------------|-----------------------------|-----------------------------|
| Filling volume | 6 litres | 10 litres |
| Pressure cylinder | 0.8 l/200 bar | 2 l/200 bar or 2 l/300 bar |
| Operating pressure | max. 26 bar | max. 34 bar |
| Minimum function time | app. 33 sec. continuous jet | app. 23 sec. continuous jet |
| Weight | max. 18 kg | max. 24 kg |
| Ident-No. | 60710099 | 60710199 |

Technical data HiCafs

| | HiCafs 01/006 | HiCafs 02/010 |
|-----------------------|-----------------------------|-----------------------------|
| Filling volume | 6 litres | 10 litres |
| Pressure cylinder | 0.8 l/200 bar | 2 l/200 bar or 2 l/300 bar |
| Operating pressure | max. 26 bar | max. 34 bar |
| Minimum function time | app. 17 sec. continuous jet | app. 25 sec. continuous jet |
| Weight | max. 18 kg | max. 24 kg |
| Ident-No. | 60709899 | 60709999 |