

A portable fire-extinguisher contains a reservoir with fire-extinguishing liquid, a body of an actuating head installed on the reservoir with fire-extinguishing liquid, a spring-loaded rod with conical projection in the longitudinal canal made in the body of the actuating head with the first radial opening, the balloon for the compressed gas with the sealing membrane facing the conical projection of the rod, the siphon tube, the outlet connecting pipe, and the means for moving the rod designed as a handle. To increase the efficacy of the use, the longitudinal canal consists of two cavities, upper and lower ones separated by the sealing element installed in the rod. In the body of the actuating head, the aligned second and the third openings are made from the part of the upper cavity. The lower cavity is connected with the outlet opening of the balloon for the compressed gas and with the reservoir with the fire-extinguishing liquid via the first radial opening. The upper cavity is connected with the siphon tube via the second radial opening and with the outlet connecting pipe via the third radial opening. The rod is equipped with the collar with the elastic gasket in the side of the collar facing the second radial opening at the distance calculated as follows:

$a = b + (0,2...0,6) \cdot b$, where a – the distance between the elastic gasket and the bottom of the upper cavity; b – the stroke of the rod providing for closing the pierced hole in the sealing membrane provided that $a > b$.