



AUPA-60 (the volume under protection - 60 l)



AUPA-100 (the volume under protection - 100

l)



AUPA-200 (the volume under protection - 200

l)



AUPA-300 (the volume under protection - 300

l)



AUPA-2000 (the volume under protection - 2000 l)

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1. Purpose and application

Stand-alone aerosol fire-extinguishing units AUPA are intended for detection and volume suppression of classes A₂, B, C and E fire (electric equipment with an operating tension up to 35000 V) according to GOST 27331 at conditionally hermetic premises according to GOST P 53284 independently of external sources of electrical power and control systems - compartments, cabinets with electrical or electronic equipment or apparatuses.

The application of AUPA is the most relevant for electric equipment

and special compartments of different devices, which have local volumes - cabinets of different purposes, niches, communication channels, compartments of vehicles and various technical constructions, storages, control panels and electronic equipment.

2. Advantages

Stand-alone aerosol fire-extinguishing units have the following advantages:

- stand-alone source of electric power supply;
- constant readiness for operation;
- do not create high temperatures and aggressive medium in the protected volume;
- simple, reliable, easily combined with standard systems of fire alarm and automatic fire extinguishment;
- safe for electrical and electronic equipment;
- do not harm to the equipment and personnel at triggering;
- keep operating in the temperature range from 0 ° C to + 50 ° C.

3. Design and operation mechanism

AUPA consists of aerosol generating agent (aerosol fire extinguishing generator), heat-absorbing and heat-shielding elements, membrane of the outlet for aerosol expiration, stand-alone source of electric power supply, control board, LED indicator of status, connectors for the linear heat fire detector (GOST P 53325) and the battery status test button.

The inner power supply provides stand-alone mode of operation of the device. In the normal mode without seats of fire the electric circuit of the device is disconnected and does not consume electric power.

The linear heat fire detector, which initiates connection of the electric circuit and triggering of the device, carries out activation of AUPA in the event of fire. In the case of AUPA triggering, aerosol composition fills the protected volume, suppressing the seat of fire in several seconds.

4. Main specifications

The name of specification	The name of the device				
	AUPA-60	AUPA-100	AUPA-200	AUPA-300	AUPA-2000
The volume under protection,	60	100	200	300	2000

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Operation period is 5 years from the date of manufacture, warranty period of storage and operation is 2 years.

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