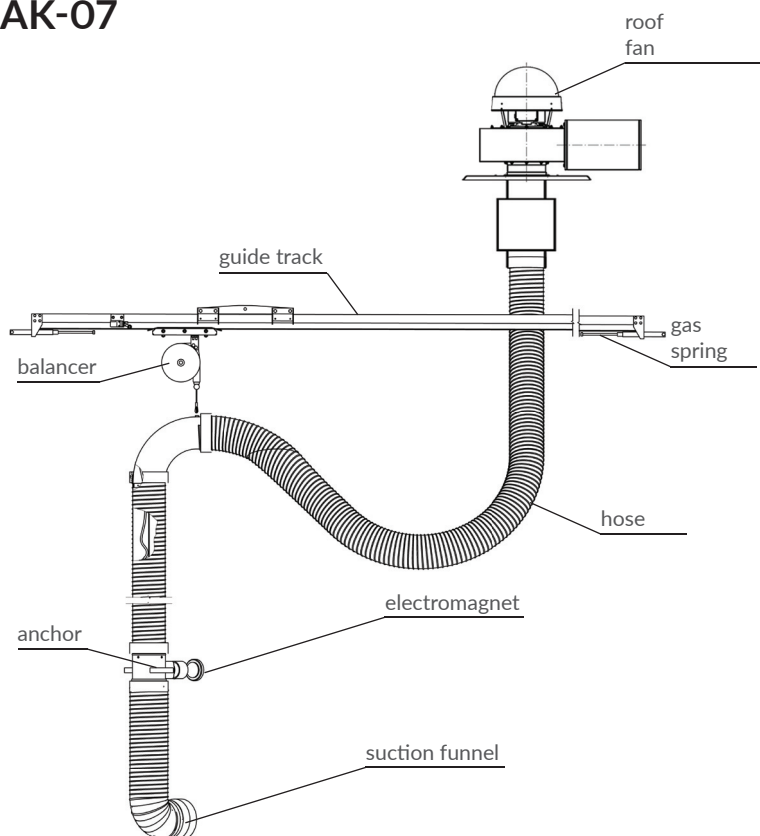


SSAK-07



Purpose

SSAK-07 type exhaust extractor is the appropriate solution for removal the vehicle exhaust volume from the garage, in case where the vehicles are of stable stationing place, i.e. fire department depot, where absolute readiness for emergency action departure is required. The system is adapted for vehicles with side exhaust pipe or back exhaust pipe.

Structure

The extraction system consists of a guide truck – a profile suspended under the ceiling (the recommended installing height – approx. 4 m). Along the guide-track is displacing the extraction trolley (moving on rollers) with the balancing assembly. The vertical hose section is equipped with an electromagnet anchor – for attachment at the magnet gripper screwed at the carbody. Inside the exhaust hose is a cable to energize the electromagnet. A specially shaped suction funnel is fastened at the end of the exhaust hose. The magnet gripper plate should be fixed on the carbody, at such a height that the suction funnel is hanging right opposite the vehicle exhaust pipe, (at a small distance), to provide safe funnel connection.

At the moment when the vehicle leaves the garage, the trolley displaces on the guide track. On the trolley is located a limitswitch which automatically disconnects the electromagnet of the suction funnel from the carbody. Subsequently, the hose and funnel will be lifted by the spring balancer (located on the trolley under the guide track).

The flexible hose should be connected to the discharge ductwork. It is recommended to apply a roof fan or a stand fan. The extraction fan can be operated, both manually or via radio, by means of a radio transmitter, (see catalogue card with elements of the control system).

Other elements of the electrical equipment are: control unit ZE-SSAK, radio receiver and auxiliary controller. In application with the radio control, the fan will be disconnected automatically at the moment when the vehicle leaves the garage. Upon re-entry, the extraction fan will be started automatically, right before the vehicle enters the garage. User can adjust the time of delay when the fan is switched off.

Technical data

Type	Part no.	Range of volume flow [m³/h]	Flow resistances [Pa]	Hose		Inlet diameter of the funnel [mm]	Length of the guide track [m]	Weight ¹ [kg]
				Internal diameter [mm]	Length [m]			
SSAK-07	804052	1200-1500	1200-1900	150	5	170	6	16

1. Weight is given without the guide-track and fan.