

KOS-L/SSAK



APPLICATION

- control of exhaust fumes emitted by vehicles of constant garaging place, where instant readiness for departure action from the depot is required
- a perfect solution for fire depots, emergency medical service, etc
- for vehicles with exhaust pipe at the side of carbody
- optional execution for vehicles with upright exhaust pipe (stack cane) directed to the side

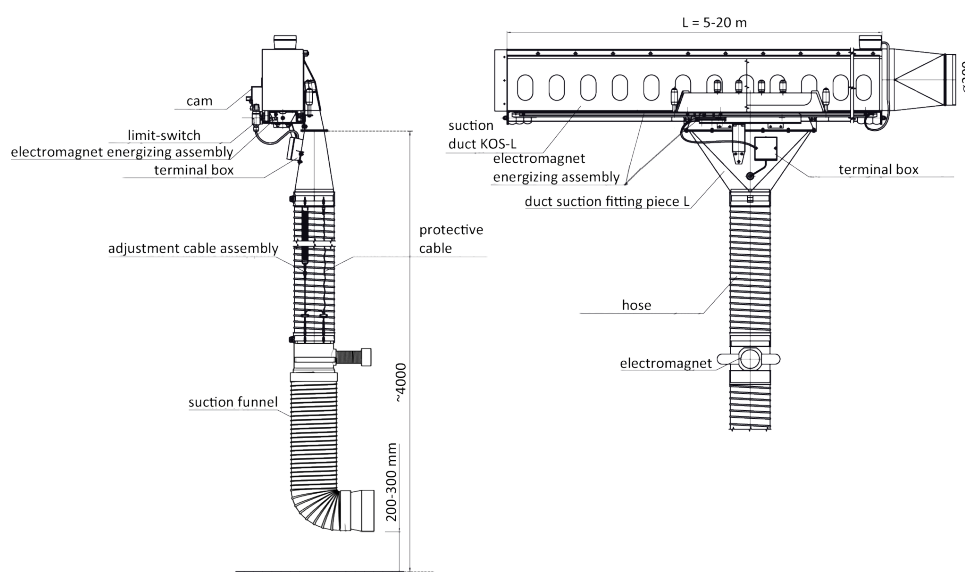
FEATURES

- KOS-L self-tightening suction duct: steel segments – lengths 1,25 m and 2,5 m – combined together to the requested total operational length
- extractor trolley – with a suction fitting piece
- extractor with a spring balancer that is located inside the hose
- L-shape nozzle — with an electromagnet, to attach to the carbody

- radio control – ZE-SSAK control unit
- cooperation with medium-pressure extraction fans – WPA-N series of types

ADVANTAGES


- a robust solution, designed for the majority of sorts of fire department vehicles
- it is possible to choose a suitable requested operational total length of the KOS-L self-tightening suction duct
- one self-tightening suction duct KOS-L can be used for two SSAK-L extractors
- automatic disconnection of the nozzle electromagnet from the carbody
- radio control
- it is possible to connect several extractors to one fan



TECHNICAL DATA



Type	Part No.	Recommended volume flow [m³/h]	Flow resistances [Pa]	Hose		Nozzle inlet diameter [mm]
				internal diameter [mm]	thermal resistance [°C]	
KOS-L/SSAK	804O55	1200–1500	1000–1300	150	200	170

SELF-TIGHTENING SUCTION DUCT

	Type	Part No.	Segment length [m]	Cross-section dimensions [mm]	Cross-sectional area [cm²]	Unit weight [kg/m]	Segment weight [kg]
	KOS-L	804K45	1,25	160x240	384	14,2	17,75
		804K46	2,5				35,5

Maximum temperature of the conveyed medium 200°C.

CONNECTION FITTING PIECES*



Sort of the connection		Type	Part No.	Diameter [mm]
	for axial connection	KO	804K70	200
	universal connection	KTSU-200	804K79	200

* For connection between the self-tightening suction duct and the discharge ducting.

DUCT END CLOSING


Type	Part No.	Remarks
	ZK 804K87	to install at the duct terminal, in case when the axial connection is not applied

DUCT ENDING SET*


Sort of the ending	Type	Part No.	Remarks
	ZKL	804K76	left ending set
	ZKP	804K77	right ending set

* To be installed at the front end of the first segment and at the terminal end of the last segment.


DUCT SEGMENT JOINT

Type	Part No.	Remarks
	ZSK 804K75	a set of elements to integrate the two subsequent segments of the duct

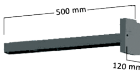
RUBER STOPPER

Type	Part No.	Remarks
	ZG 804K31	installed at the terminal positions of the duct

DUCT HANGER SET

Type	Part No.	Remarks
	ZWK 804K82	to install the duct under the wall hanger set

WALL HANGER SET

Type	Part No.	Remarks
	WPK-2 804K86	used for installing the duct system to the wall or to a column