

# KOS-C, OP

RAIL EXTRACTION SYSTEMS



## APPLICATION

- exhaust fumes extraction from special vehicles, among others, military
- exhaust volume discharge, by means of a mobile extractor OP, displacing along the self-tightening suction duct KOS-C


## FEATURES

- steel segments of length 2,5 m
- possibility of connection of hoses of various lengths and diameters
- the extractor can be equipped with a balancing device for hose lifting
- possibility of installing the oil separator

## ADVANTAGES


- the system provides possibility of adjustment the extractor position towards the exhaust pipe of the served vehicle
- due to significant cross-section of the duct, the system is especially efficient in application for heavy vehicles, among them, tanks

## MOBILE EXTRACTOR

	Type <sup>1</sup>	Part No.	Hose diameter [mm]	Recommended volume flow [m <sup>3</sup> /h]	Remarks	Weight [kg]
	OP-200	804097	200	2000	type and length of the hose should be selected with reference to the specific application	32,8
	OP-250	804098	250	2500		32,2
	OP-315	804099	315	3000		31,1


1. For selection of the extractor size contact KLIMAVENT S.A.

## SELF-TIGHTENING SUCTION DUCT

	Type	Part No.	Segment length [m]	Cross-section dimensions [mm]	Cross-sectional area [cm <sup>2</sup> ]	Unit weight [kg/m]	Segment weight [kg]
	KOS-C	804K49	2,5	200x300	600	22,6	56,5



Maximum temperature of the conveyed medium 200°C.

**CONNECTION FITTING PIECES\***

Sort of the connection	Type	Part No.	Diameter [mm]
 axial connector	KO-315	804K88	315

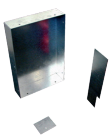
\* For connection between the suction duct and the discharge ductwork.

**DUCT ENDING SET\***

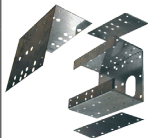
Sort of the ending	Type	Part No.	Remarks
	ZKL-KOS-C	804K84	left ending set
	ZKP-KOS-C	804K96	right ending set

\* To be installed at the front end of the first segment and at the terminal end of the last segment (of the duct).

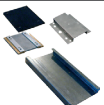
**DUCT END CLOSING**

	Type	Part No.	Remarks
	ZK-KOS-C	804K97	to install at the duct terminal, in case when the axial connection is not applied


**DUCT SEGMENT JOINT**

	Type	Part No.	Remarks
	ZSK-KOS-C	804K98	a set of elements used to integrate the two subsequent segments of the self-tightening duct

**DUCT HANGER SET**

	Type	Part No.	Remarks
	ZWK-KOS-C	804K69	to mount the duct under the wall hanger set

**RUBER STOPPER**

	Type	Part No.	Remarks
	ZG-KOS-C	804K83	installed at the terminal positions of the duct

**FANS**

Fans should be selected with reference to separate catalogue cards, with reference to the volume flow and flow resistances.

**NOZZLES**

Nozzles and suction stands, cooperating with the extractors – see separate catalogue card as they are additional equipment.