

GLOBAL – hanging exhaust extractor



GLOBAL-2-100

GLOBAL-1-125



Purpose

GLOBAL stationary exhaust extractors are applied for capturing the exhaust fumes, emitted by vehicle exhaust pipes during engine tests, adjustments and diagnostics. They are installed at the height of 2 up to 3 m, on pillars or walls of the garage, workshop or car service station.

Structure

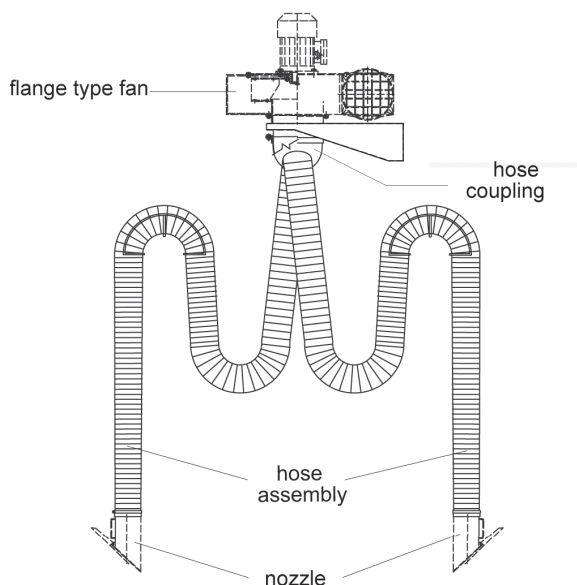
The extractor consists of a wall bracket, flange type fan and double- or single coupling as a connection for flexible hoses. At the hose end is attached a nozzle which has to be connected at the exhaust pipe of the serviced vehicle. For double exhaust extractors we recommend metallic nozzles, which are shutting off automatically after nozzle disconnection from the exhaust

pipe. At the place of the flange type fan, can be installed a coupling for connection with the roof fan that is mounted outside the room.

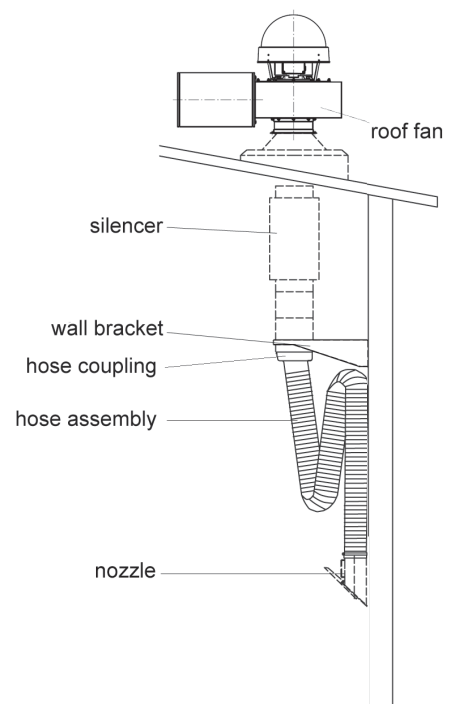
NOTE:

1. Particular selection of the sort and hose diameter and fan size is depended on the engine cubic capacity of the serviced vehicle and its rotational speed.
2. For standard applications, we offer extractor equipped with hoses of thermal resistance 150°C (short duration 200°C). For application with Diesel engine vehicles, equipped with Diesel Particulate Filter – Euro 5, Euro 6 (as there high exhaust temperature can occur), we recommend extractors with hoses of increased thermal resistance (GLOBAL/P/CF).

Example of hanging extractor applied with a flange type fan





Example of hanging extractor applied with a roof fan



NOTE: The elements illustrated in broken line are not belonging to the extractor set.
On demand we deliver ventilation accessories (roof base, silencer etc.).



Technical data

Type ¹	Part no.	Quantity of connections	Diameter [mm]	Hose length [m]	Recommended volume flow [m ³ /h]	Thermal resistance [°C]	Application ⁴	Fans to work with	Weight [kg]	
	GLOBAL H-1-100	803O32	1	100	5	400	150 ²	SO	WPA-3-E-N	37,5
	GLOBAL H-1-100/CF	803O37	1	100	5	400	300/150 ³	SO	WPA-3-E-N	37,5
	GLOBAL H-1-125	803O33	1	125	5	700	150 ²	SD	WPA-5-E-N, WPA-5-D-N, WPA-6-E-N, WPA-6-D-N	40
	GLOBAL H-1-125/CF	803O38	1	125	5	700	300/150 ³	SD	WPA-5-E-N, WPA-5-D-N, WPA-6-E-N, WPA-6-D-N	40
	GLOBAL H-1-150	803O34	1	150	5	1500	150 ²	SC	WPA-5-E-N, WPA-5-D-N, WPA-6-E-N, WPA-6-D-N	50
	GLOBAL H-1-150/CF	803O39	1	150	5	1500	300/150 ³	SC	WPA-5-E-N, WPA-5-D-N, WPA-6-E-N, WPA-6-D-N	50
	GLOBAL H-2-100	803O35	2	100	2x5	800	150 ²	SO	WPA-5-E-N, WPA-5-D-N	50
	GLOBAL H-2-100/CF	803O40	2	100	2x5	800	300/150 ³	SO	WPA-5-E-N, WPA-5-D-N	50
	GLOBAL H-2-125	803O36	2	125	2x5	1400	150 ²	SD	WPA-6-E-N, WPA-6-D-N	60
	GLOBAL H-2-125/CF	803O41	2	125	2x5	1400	300/150 ³	SD	WPA-6-E-N, WPA-6-D-N	60

1. Before selecting the sort and size of the extractor, please contact KLIMAWENT S.A.
2. Hose of thermal resistance 150°C (short duration 200°C).
3. First hose section of length 2 m of thermal resistance 300°C (short duration 350°C), further hose section thermal resistance 150°C (short duration 200°C).
4. SO – car, SD – medium size vehicle, SC – truck.

NOTE: The extractor consists of: hose with hose clamps and clamp covers and installing accessories – wall bracket, couplings (single, double) and wall hose hangers.

Fans

Type	Part no.	Supply voltage [V]	Motor rate [kW]	Ingress protection IP	Weight [kg]
	WPA-3-E-1-N	804W00	230	0,37	14
	WPA-5-E-1-N	804W01	230	0,55	17
	WPA-6-E-1-N	804W03	230	0,75	24
	WPA-5-D-1-N	807W11	230	0,55	25
	WPA-6-D-1-N	807W13	230	0,75	32

NOTE: For motor switches see section ELECTRICAL ACCESSORIES.

Nozzles

Nozzles and suction stands – for application with the exhaust extractor – are described on separate catalogue card and they are additional equipment.