ERGO LUX

EXTRACTION ARMS



APPLICATION

- extraction of welding fumes and gases

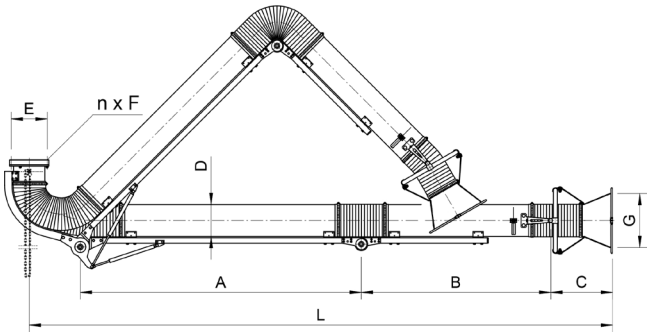
FEATURES

- available in floor-mounted and suspended versions
- can operate with a dedicated fan or as part of a multi-arm extraction system connected to common ductwork with a central fan or a filter and fan unit
- wall or support-column mounting
- airtight shut-off damper
- self-braking swivel hood
- adjustment damper located behind the hood
- protective mesh at the hood inlet

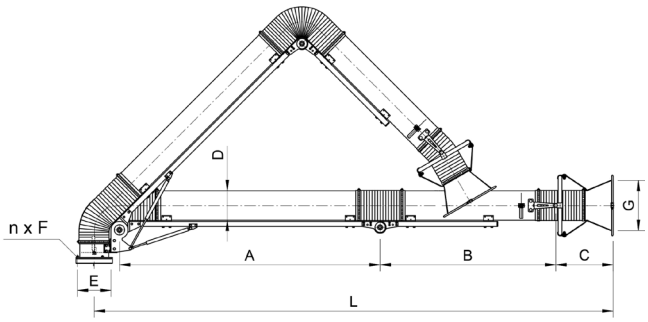
ADVANTAGES

- easy and convenient positioning thanks to properly adjusted friction joints
- modern design
- improved working comfort and support for personnel safety
- better illumination of the working area with an optional hood equipped with LED lighting

HANGING VERSION



STANDING VERSION

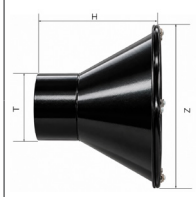
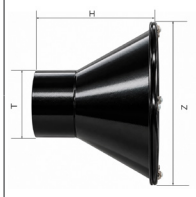
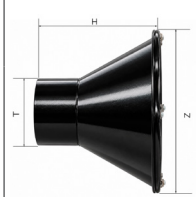


TECHNICAL DATA

	Type	Part No.	Dimensions								Weight [kg]
			D [mm]	L [m]	A [mm]	B [mm]	C [mm]	E [mm]	n x F [mm]	G [mm]	
Hanging version	ERGO-M/1,5	912R01	Ø100	1,8	630	555	335	Ø165	6xØ6,5	Ø235	10
	ERGO-M/2	912R02	Ø100	2,2	960	675	335	Ø165	6xØ6,5	Ø235	11
	ERGO-K/2	912R03	Ø125	2,3	1055	650	335	Ø165	6xØ6,5	Ø235	12,5
	ERGO-K/3	912R04	Ø125	3,0	1540	915	335	Ø165	6xØ6,5	Ø235	14
	ERGO-L/2	912R05	Ø160	2,3	905	790	335	Ø194	6xØ6,5	Ø295	17,5
	ERGO-L/3	912R06	Ø160	3,15	1530	1030	335	Ø194	6xØ6,5	Ø295	19,5
	ERGO-L/4	912R07	Ø160	3,8	1910	1260	335	Ø194	6xØ6,5	Ø295	22
	ERGO-D/2	912R08	Ø200	2,3	905	790	335	Ø246	8xØ8,5	Ø335	19
	ERGO-D/3	912R09	Ø200	3,15	1530	1030	335	Ø246	8xØ8,5	Ø335	22,5
	ERGO-D/4	912R10	Ø200	3,8	1910	1260	335	Ø246	8xØ8,5	Ø335	25
Standing version	ERGO-M/1,5-R	913R01	Ø100	1,6	630	555	335	Ø165	6xØ6,5	Ø235	9,5
	ERGO-M/2-R	913R02	Ø100	2,1	960	675	335	Ø165	6xØ6,5	Ø235	10,5
	ERGO-K/2-R	913R03	Ø125	2,2	1055	650	335	Ø165	6xØ6,5	Ø235	12,5
	ERGO-K/3-R	913R04	Ø125	2,9	1540	915	335	Ø165	6xØ6,5	Ø235	14
	ERGO-L/2-R	913R05	Ø160	2,2	905	790	335	Ø194	6xØ6,5	Ø295	17
	ERGO-L/3-R	913R06	Ø160	3,0	1530	1030	335	Ø194	6xØ6,5	Ø295	19
	ERGO-L/4-R	913R07	Ø160	3,65	1910	1260	335	Ø194	6xØ6,5	Ø295	21
	ERGO-D/2-R	913R08	Ø200	2,2	905	790	335	Ø246	8xØ8,5	Ø335	17,5
	ERGO-D/3-R	913R09	Ø200	3,0	1530	1030	335	Ø246	8xØ8,5	Ø335	21
	ERGO-D/4-R	913R10	Ø200	3,65	1910	1260	335	Ø246	8xØ8,5	Ø335	23,5

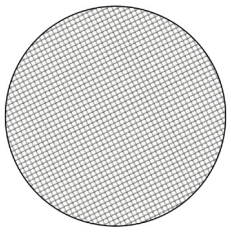
The arm and extraction hood are sold separately.

HOODS

Sort of the hood	Material	Typ	Part No.	Z [mm]	T [mm]	H [mm]	Masa [kg]	Application	Equipment
	aluminium	SSAWKA M	920H01	330	100	190	0,47	ERGO-M/1,5 ERGO-M/2	replaceable push-fit inlet mesh with beading around the edge
		SSAWKA K	920H02	330	125	190	0,48	ERGO-K/2 ERGO-K/3	
	aluminium	SSAWKA L	920H03	365	170	190	0,56	ERGO-L/2 ERGO-L/3 ERGO-L/4	replaceable inlet mesh
		SSAWKA D	920H04	415	210	190	0,69	ERGO-D/2 ERGO-D/3 ERGO-D/4	
	aluminium	SSAWKA LL	930H01	365	170	190	0,56	ERGO-L/2 ERGO-L/3 ERGO-L/4	replaceable inlet mesh, LED lighting, switch
		SSAWKA DL	930H02	415	210	190	0,69	ERGO-D/2 ERGO-D/3 ERGO-D/4	

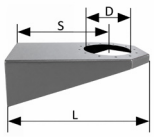
The extraction hoods are intended for use with the corresponding arms in both suspended and standing versions (designated "-R")

INLET MESH FOR ERGO EXTRACTION HOODS



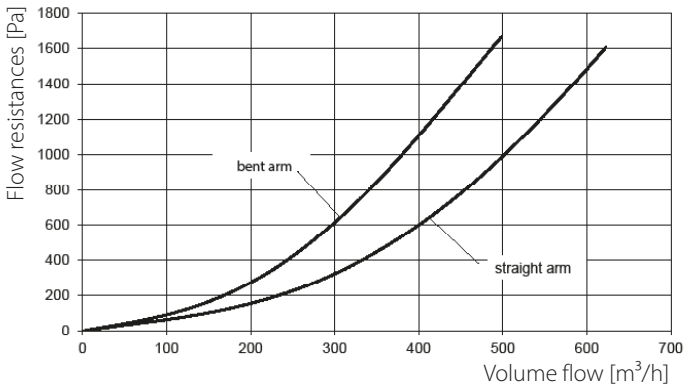
Type	Part No.	Weight [kg]	Type of the hood
HOOD MESH D335	920H04-001	0,125	EXTRACTION HOOD D
HOOD MESHD290	920H03-001	0,093	EXTRACTION HOOD L
HOOD MESH D230	920H01-001	0,059	EXTRACTION HOOD M EXTRACTION HOOD K
HOOD MESH D290 WITH AN OPENING	930H01-001	0,090	EXTRACTION HOOD LL
HOOD MESH D335 WITH AN OPENING	930H02-001	0,098	EXTRACTION HOOD DL

WALL BRACKETS

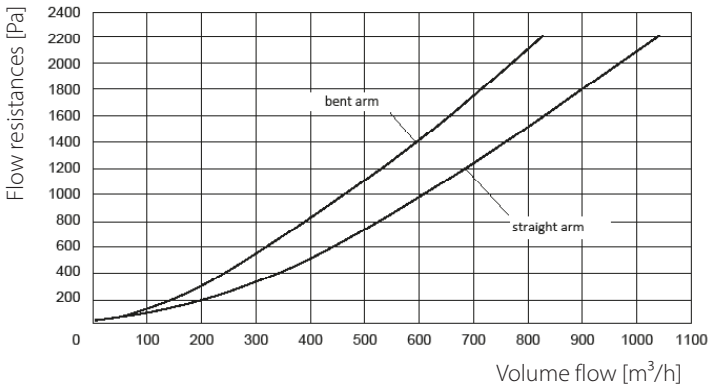
Sort of the bracket	Material	Type	Part No.	S [mm]	D [mm]	L [mm]	Weight [kg]	Designed for extraction arms
	steel sheet	WBN-125-K	917W52	125	250	360	3	ERGO-M i ERGO-K
		WBN-160-L	917W53	160	320	445	4,6	ERGO-L
		WBN-200-D	917W54	200	340	490	6,1	ERGO-D

FLOW CHARTS

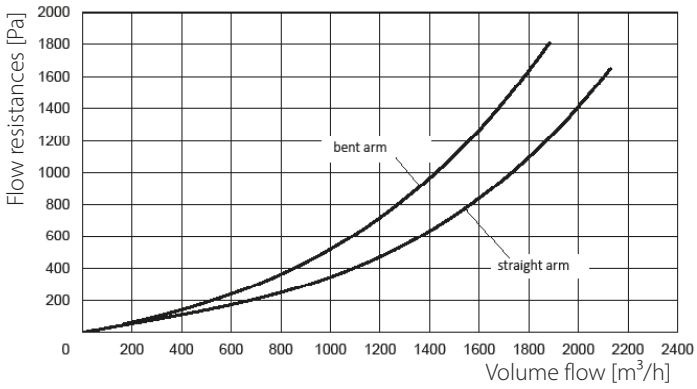
ERGO-M



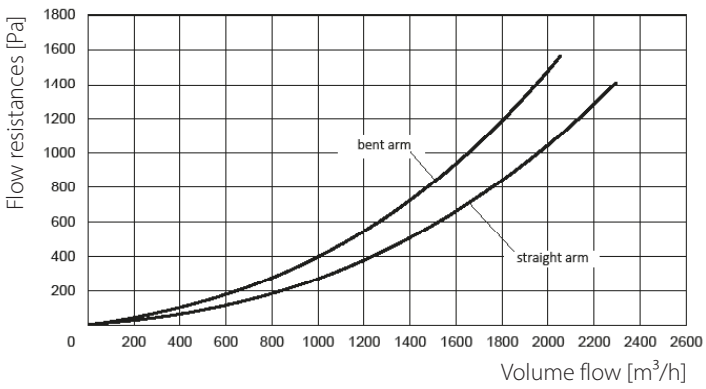
ERGO-K



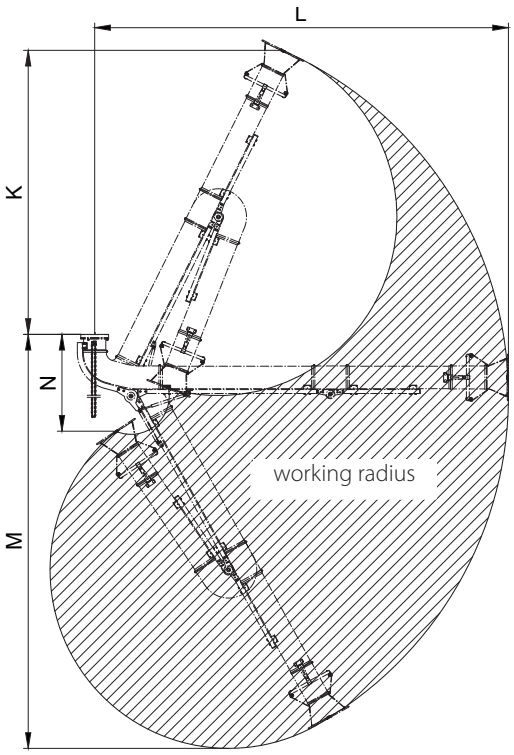
ERGO-L

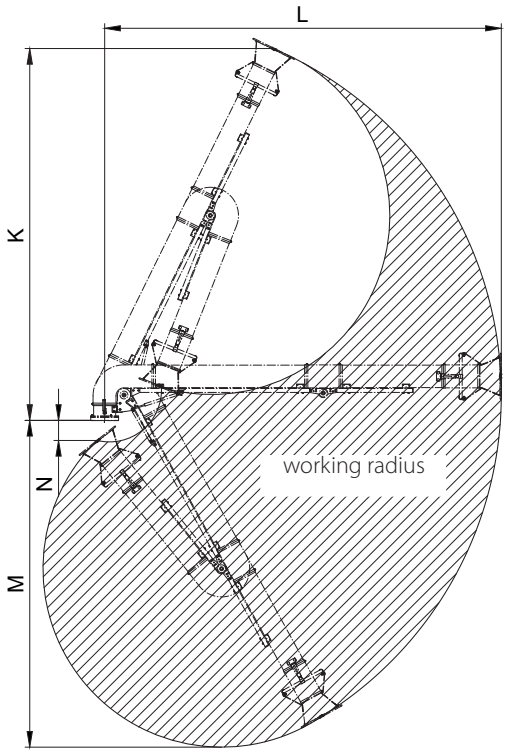


ERGO-D



WORKRANGES OF THE EXTRACTION ARMS ERGO LUX





Type	K [m]	L [m]	M [m]	N [m]
ERGO-L/2, ERGO-D/2	1,4	2,3	2,4	0,6
ERGO-L/3, ERGO-D/3	2,2	3,15	3,15	0,75
ERGO-L/4, ERGO-D/4	2,7	3,8	3,7	1,2

Type	K [m]	L [m]	M [m]	N [m]
ERGO-L/2-R, ERGO-D/2-R	2,0	2,2	1,7	0
ERGO-L/3-R, ERGO-D/3-R	2,85	3,0	2,5	0,15
ERGO-L/4-R, ERGO-D/4-R	3,4	3,65	3,0	0,5

ADDITIONAL EQUIPMENT

CUT-OFF DAMPER

	Type	Part No.	Remarks	Designed for extraction arms
	PO-ERGO-L PO-ERGO-L-R	929P14 929P18	The airtight damper allows the airflow through the extraction arm to be completely shut off. The damper is located in the swivel joint	ERGO-L ERGO-L-R
	PO-ERGO-D PO-ERGO-D-R	929P15 929P19		ERGO-D ERGO-D-R