OSKAR STAINLESS STEEL FUME EXTRACTION ARMS

Oskar stainless steel fume extraction arms are the most advanced, versatile, and durable method of capturing air pollution at its source. Oskar arm duct is completely stainless inside (from hood down to mounting swivel). Depending on application demand Oskar stainless arm can be configured with stainless joints (models 75 and 100), raw or anodized aluminium elements, food grade, high temperature resistant or electrically conductive elastic hoses. Large choice of components combinations makes Oskar stainless arm one of the most versatile products in its group.

FEATURES:

- industrial strength and durability
- versatile design
- smooth tube construction
- external supports and self-locking joints
- all-around hood and tube grab handles
- air diverter in the hood
- standard damper

BENEFITS:

- exceptionally long operational life time
- user friendly construction
- better airflow at lower static pressure
- low noise performance
- easy to adjust and maintain
- simple and stable positioning
- increased capture velocity

external joints and supports

standard stainless airflow damper

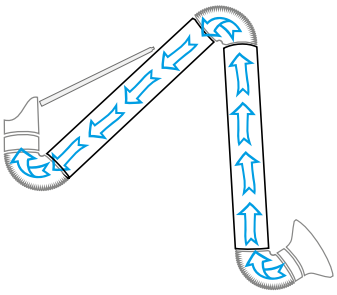
grab handle all around the hood

air velocity diverter

OSKAR EXTERNAL JOINTS CONCEPT VERSUS HOSE ARM INTERNAL SUPPORT MECHANISM

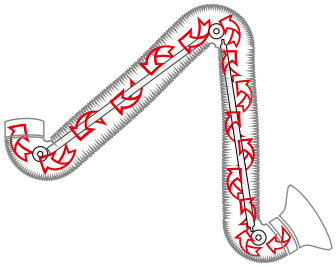
OSKAR SELF–SUPPORTING FUME ARM

- external joints system
- free and smooth airflow
- low noise level
- lower static pressure
- quick and simple cleaning
- minimal dust build up
- no contact with interior for adjustment
- no need to stop the airflow to adjust



INTERNAL SUPPORT HOSE ARM

- internal support mechanism
- reduced airflow due to higher internal resistance
- higher noise level
- complicated to to clean
- dust builds up on internal mechanisms
- replace whole hose if broken
- contact with dusts to adjust friction and arm balance



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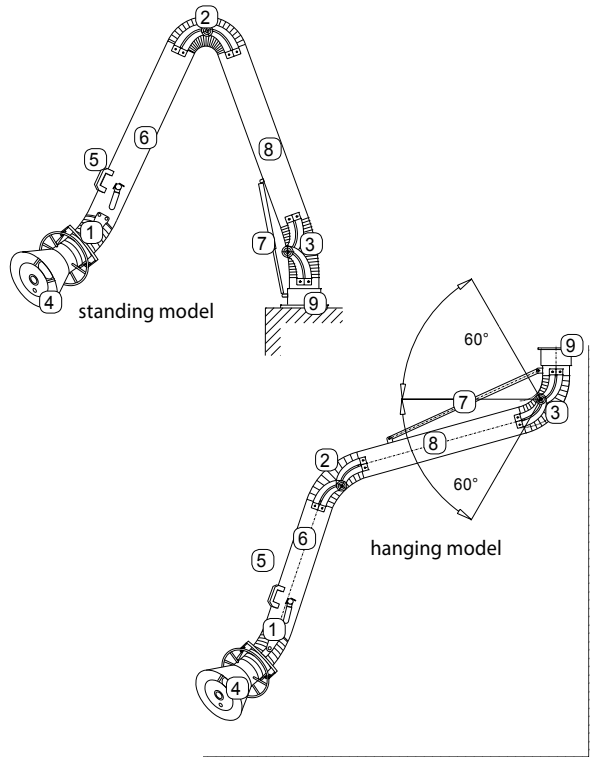
OSKAR SELF-SUPPORTING FUME EXTRACTION ARM CONSTRUCTION

1. Hood joint - positions forward, backward and sideways, flexible hose with gear clamps, external adjustments
2. Middle joint - flexible hose with gear clamps, external adjustments. Models 75 ad 100 steel or stainless joints. Models 125, 160, 200 cast aluminium joints.
3. Socket joint - flexible hose with gear clamps, external adjustments. Models 75 ad 100 steel or stainless joints. Models 125, 160, 200 cast aluminium joints.
4. Stainless steel hood with grab handle all around and stainless steel air diverter
5. Tube grab handle
6. Stainless steel hood tube - smooth tubing with standard stainless steel damper
7. Telescopic spring in hanging and gas shock in standing models
8. Stainless steel socket tube
9. Rotating mounting socket (stainless inside)



OSKAR STAINLESS STEEL ARMS DIAMETER AND REACH OVERVIEW

Arm diameter		Arm reach		Hood inlet (optional extension)		Hanging models	Standing models
[mm]	[in]	[m]	[feet]	[mm]	[in]		
75	3	1,0	3	160	4	S0710	S0710P
75	3	1,5	5	160	4	S0715	S0715P
100	4	1,5	5	200	8	S1015	S1015P
100	4	2,0	7	200	8	S1020	S1020P
100	4	2,5	8	200	8	S1025	S1025P
125	5	2,0	7	250	10	S1220	S1220P
125	5	2,5	8	250	10	S1225	S1225P
125	5	3,0	10	250	10	S1230	S1230P
160	6	2,0	7	315 (500)	12 (20)	S1620	S1620P
160	6	3,0	10	315 (500)	12 (20)	S1630	S1630P
160	6	4,0	14	315 (500)	12 (20)	S1640	S1640P
200	8	2,0	7	350 (500)	14 (20)	S2020	S2020P
200	8	3,0	10	350 (500)	14 (20)	S2030	S2030P
200	8	4,0	14	350 (500)	14 (20)	S2040	S2040P

Please refer to arm catalogue groups or individual cards of product for detailed information.

OSKAR STAINLESS STEEL ARMS RECOMMENDED AIRFLOW RANGE PER DIAMETER

Arm diameter		Recommended airflow	
[mm]	[in]	[m³/h]	[cfm]
75	3	200 ÷ 350	120÷210
100	4	350 ÷ 550	210÷320
125	5	550 ÷ 900	320÷530
160	6	900 ÷ 1400	530÷825
200	8	1400 ÷ 2500	825÷1470

2017-03-14