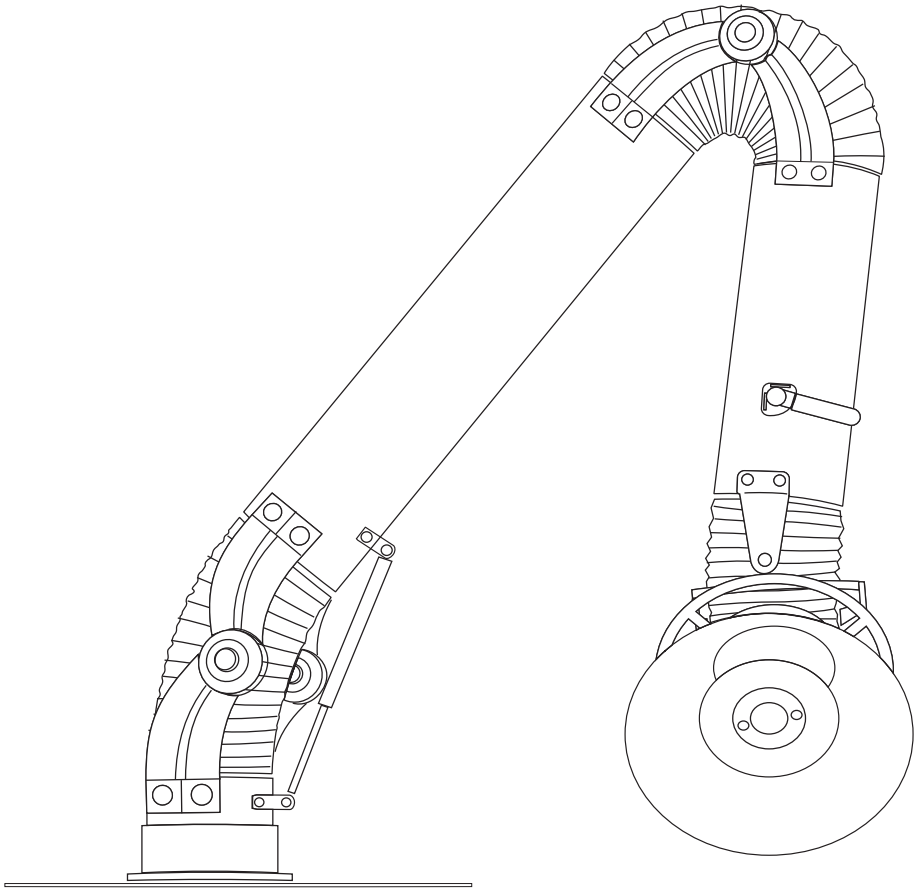
Ruwac USA



USER AND MAINTENANCE MANUAL

Ruwac fume extraction arms

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	important information		3D preview avaialble in electronic form		installation, tools, subparts, accessories		keep away from source of high temperature
	warrnings, notes		use respiratory protective equipment		protect from noise or eye damage		switch off before proceeding

General information

A-1

This instruction manual contains Ruwac fume extraction arms use and maintenance information. Ruwac fume extraction arms user should become acquainted with contents of this publication to learn about unit construction, principles of operation and means of its safe use. Manufacturer is not responsible for any consequences arising from the use of the product against its intended purpose. Manufacturer reserves the right to make changes to improve performance and operational properties of the product in the future without prior notice.

Product application

A-2

Ruwac fume extraction arms are designed to capture air impurities at their source. This allows the user to extract / filter air impurities before they enter the user's breathing zone. Use of the self-locking external joints, flexible hoses at the joints, and a 360^{o} grab handle around the hood makes positioning of the equipment smooth and user-friendly.

Some of Ruwac fume arm applications: welding processes, grinding, polishing, cutting, soldering, chemical fumes and many more.

- Store in dry and airy rooms.
- Protect against possibility of shifting during transport.

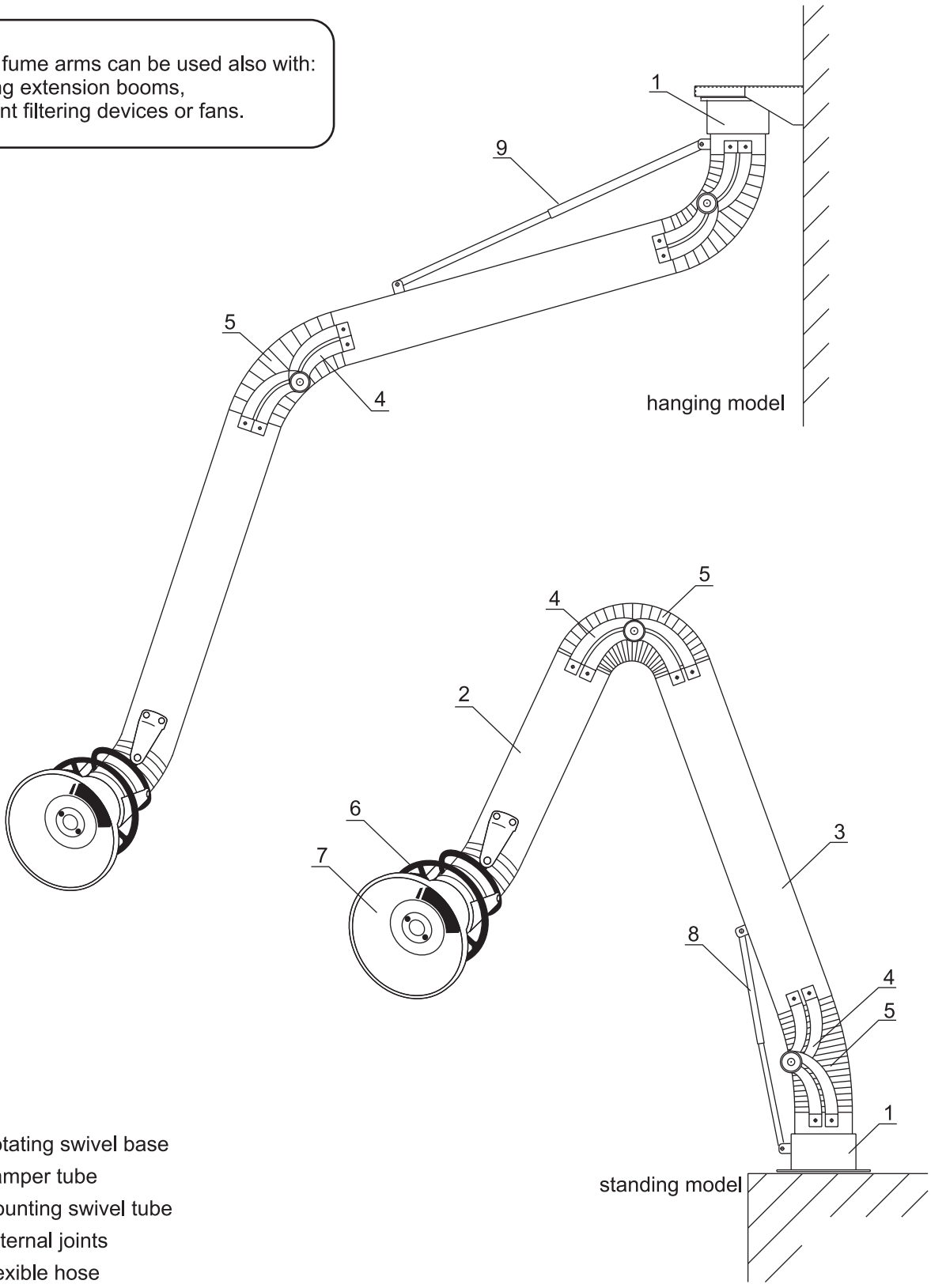
Manufacturer does not recommend the use of Fume arms to exhaust air from dust with aggressive or explosive properties. The temperature of captured gases should not exceed 80°C.

Equipment arrival

A-3

Upon arrival the user needs to thoroughly inspect the equipment and make sure there was no damage caused by the shipping carrier. If there is damage, the user needs to immediately contact their dealer.

Ruwac fume arms can be used also with:
- pivoting extension booms,
- different filtering devices or fans.



1. Rotating swivel base
2. Damper tube
3. Mounting swivel tube
4. External joints
5. Flexible hose
6. Grab handle
7. Fume arm hood
8. External gas shock - standing version only (not for version 75)
9. External telescoping spring - hanging version only (not for version 75)

Maintenance

D-1

DO NOT:
- move sleeve beyond the perceptible resistance
- bend it beyond the vertical axis of the rotating swivel base
- use the arm with a defective electrical system

DAILY	MONTHLY	YEARLY
• Cleaning the inside of hood and the outer of sleeve. • Control of self-locking arms and hood. • Visual inspection of hoses.	• Grease the swivel base with bearing grease (make sure the grease will not react with aluminum). • Check joints and friction washers.	• Remove hoses and clean the inside of the arm. • Replace the protective glass (for a set of mod A). • Check the overall arm for any imperfections (cracks and holes).

Troubleshooting

D-2

SYMPTOMS	POSSIBLE REASONS	SOLUTION
The arm will not stay where it is placed.	Loose screws at the joints. The joints require adjustment.	Adjust the joints (C-1).
Stronger resistance during rotation of the arm.	Lack of grease in the rotating socket.	Inject grease through grease nipple located on the rotating seat.
Descrease in air volume.	Closed throttle.	Open the throttle.
	Contaminated ventilation duct.	Check tube capacity. Remove embedded in the objects.
	Leaky hose connection.	Check hose clamps for hoses and other flexible seal.
	Damaged hose.	Replace the tube segment.

Options

E-1

1. MOD L set - providing a set of lighting jobs
   MOD L2 set - providing a set of lighting jobs (+ switch to turn on the fan)
2. MOD A set - providing a set of lighting jobs (+ auto. on/off)
3. Mounting bracket - arm wall mounting.

FUME EXTRACTION SWING ARM INSTALLATION:

1

Unscrew mounting brackets from swing arm base using hex wrench.

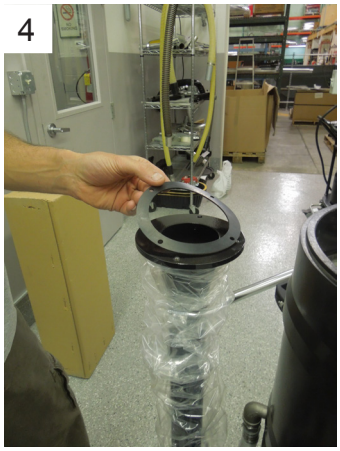
2

Reattach and secure top mounting bracket between vacuum handle and swing arm base.

3

Reattach and secure bottom mounting bracket between vacuum handle and swing arm base.

4



Once base is securely attached to handle bar, place gasket at top before connecting the swing arm assembly.

5

Place swing arm assembly onto base and install securely attach with included hardware.

6

Connect included hose adapters, with the button lock end on the right side.

7

Insert the button lock end of the hose adapter to the vacuum's inlet.

8

Secure the hose between the swing arm and the vacuum hose adapters.

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