Operating Instructions

Filter and Table Unit

RDG MO-180
RDG MO-240

Valid for variants:

2-00284 | 2-00298

RDG MO-180 Standard

2-00290 | 2-00300

RDG MO-180 High Performance

2-00281 | 2-00302

RDG MO-240 Standard

2-00292 | 2-00304

RDG MO-240 High Performance

Version 1-1

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Contents

Attachments:

- EU Declaration of Conformity
- Interface diagram
- Confirmation of initial electrical type testing in accordance with DGUV

Introduction

General information

This document must not be reproduced, duplicated, or distributed without written permission from the manufacturer. The product to which these operating instructions belong is suitable only for the purpose specified in the section on intended use in this document and must only be operated in accordance with the instructions set out below.

ULT AG cannot be held liable for damage to people, animals, machinery, the environment, or property or for other financial losses caused by improper installation, repairs, or maintenance or by improper use of the equipment. All forms of usage not stated in these operating instructions are deemed to be improper and are therefore prohibited. This document serves for information purposes only and does not represent a contract.

As part of product improvements and product modifications, ULT AG reserves the right to change the specifications of the product and the corresponding documentation at any time without prior notice. This does not result in an obligation to update previous documents.

Intended use

The intended use is defined in the following section: “Device variant and application”.

The **Filter and Table Unit** must not be used for any other purposes without approval from the manufacturer. Unauthorized conversion or modifications to the **Filter and Table Unit** are prohibited for safety reasons.

The **Filter and Table Unit** is a device for extracting and adsorbing harmful substances from the UV printing process.

The intended use also includes compliance with the instructions provided by the manufacturer in relation to commissioning, operation, and maintenance.

Use for any purpose above or beyond these definitions is deemed to be improper use. No liability is accepted for damages resulting from this.

NOTICE

The supplied **Filter and Table Unit** will only work correctly with the matching filtration system that is designed for use with the equipment type. Operation with other filtration systems than the one supplied is deemed to be improper use.

Safety

The **Filter and Table Unit** has been built in accordance with the state of the art and is safe to operate. Nonetheless, the device can still present potential hazards if it is used by untrained personnel improperly or for purposes for which it is not designed.

During the development and manufacture of the **Filter and Table Unit**, every step has been taken to ensure compliance with the safety requirements of the directives and standards listed in the EU Declaration of Conformity.

The information provided in this manual should never be given a higher priority than the individual responsibility of persons working on/with the machine and/or the local regulations that apply.

During operation and during all other work on the **Filter and Table Unit**, the operating company is responsible for the following in all cases:

- Safety of all persons involved.
- Safety of the device and all other parts of the equipment.
- Environmental protection.

Symbols

In this manual, all descriptions of actions to be carried out are supplemented with the necessary safety instructions.

Safety instructions will warn you about:

- Residual hazards that can occur unexpectedly.
- Residual hazards that can lead to serious injuries.

DANGER	Indicates a hazardous situation with high risk that, if not avoided, will result in death or serious injury.
WARNING	Indicates a hazardous situation with moderate risk that, if not avoided, could result in death or serious injury.
CAUTION	Indicates a hazardous situation with low risk that, if not avoided, could result in minor or moderate injury.
NOTICE	Indicates the risk of potential material damage without personal injury.

General safety instructions

DANGER

The Extraction and Filtration Unit **Filter and Table Unit** must only be used, serviced, and repaired by persons who are familiar with the unit and who have been instructed on potential hazards. These persons must also know the intended use and the operating instructions.

DANGER

Explosion hazard

Do not use the equipment to extract explosive concentrations of gases, vapors, or dusts.

DANGER

Health hazard

Do not use the equipment to extract substances that are carcinogenic, mutagenic, or toxic for reproduction and/or toxic gases, vapors, or dusts in recirculated air mode, unless this is permitted by the applicable regional regulations.

Otherwise, the filtered clean gas must be carried away via a connected pipeline into an air outlet system.

CAUTION

Risk of short circuit due to ingress of liquids

Do not use the equipment to extract liquids.

WARNING

Fire hazard

Do not use the equipment to extract ignition sources.

Obligations of the operating company

The operating company agrees to only permit persons to work on the **Filter and Table Unit** who:

- Are familiar with the legislation and requirements relating to occupational health & safety and accident prevention.
- Have read and understood the safety and warning signs and have confirmed this with their signature.

The safety awareness of staff must be checked at regular intervals.

The installation and operating instructions must be kept in a suitable place where they are protected against dust and moisture. The storage location must be easily accessible and clearly visible at all times for all users of the system.

Obligations of personnel

Persons tasked with work on the **Filter and Table Unit** agree to read the safety instructions before starting work and will confirm with their signature that they have understood them.

⚠WARNING

Make sure that you never use any products that are damaged.

Read these operating instructions carefully before starting the installation and assembly work.

Always comply with the safety instructions provided.

Look out for safety symbols for mechanical hazards and electrical hazards (e.g. work on live components) on the **Filter and Table Unit**. These symbols tell you that there is an immediate, direct danger. If such dangers are not avoided, they can cause severe injuries or even death.

Live or moving components can cause severe or fatal injuries.

Installation, connection, commissioning, maintenance, and repairs must only be carried out by qualified personnel taking into account this manual and all other enclosed instructions relating to any accessories fitted; all such work must be performed in accordance with the applicable national/regional regulations (health & safety / accident prevention).

Safety instructions for fire hazards

DANGER

The **Filter and Table Unit** is designed for extracting and adsorbing harmful substances from the UV printing process in non-flammable concentrations. The filtration system is designed for the separation of gases that are not potentially explosive. It is prohibited to use the equipment for the extraction of potentially explosive mixtures.

Before using the unit you must inform yourself about the flammability and/or explosiveness of the, gases, that arise during processing. It is prohibited to use the equipment for the extraction of potentially explosive and flammable mixtures.

To avoid the risk of fire and explosion, the system must never be used to extract e.g. hot, glowing, smoldering parts, glowing ashes/shavings/filings, or smoldering cigarettes.

If the Extraction and Filtration System is used improperly, the risk of a fire hazard cannot be ruled out, so it is recommended that a fire extinguisher is provided in the immediate vicinity or that an extinguishing system is installed.

Fire extinguishers with suitable extinguishing agents should be chosen based on the reactive properties of the substances sucked into the overall system.

In the event of fire:

1. Immediately switch off the unit.
2. If possible, close the inlet opening to prevent the supply of oxygen.
3. If possible, close the outlet openings.
4. Bring the fire extinguisher into position and spray extinguishing agent through the intake opening.
5. Do not open any other parts of the enclosure.

DANGER

Please note that the filter materials themselves are also flammable, and that toxic gases and vapors can be released when they burn.

Occupational safety

DANGER

Before installing the unit and taking it into operation, make sure that you read and carefully follow the operating instructions, in particular the safety instructions.

The user must be given instructions and trained by an authorized person during initial commissioning. Personnel must be informed about all instructions relating to occupational safety, about prohibited methods of operating the unit, and about potential hazards.

The machine must only be operated, serviced, and repaired by authorized, trained, and instructed personnel who satisfy the legal minimum age requirements.

All work on electrical and mechanical components in the machine must only be carried out by instructed personnel or by persons working under the guidance and supervision of an instructed skilled person in accordance with the applicable regulations and standards of electrical and mechanical engineering. Here, a “skilled person” is someone who, based on their professional training, knowledge, and experience as well as their knowledge of the relevant standards and regulations, is able to assess the work assigned to them and identify potential hazards.

DANGER

- Always disconnect the mains plug after use, before cleaning or maintenance of the **Filter and Table Unit**, and before replacing any parts.
- Saturated filter materials must always be disposed of in accordance with the applicable waste regulations.
- Always use genuine replacement parts and wear parts from ULT AG.
- Improper interventions or tampering pose a significant safety risk.
- Never use jet washing equipment to clean the **Filter and Table Unit**.
- Safety devices that are designed to prevent or eliminate hazards must be regularly serviced and must be tested at least once a year to make sure that the required safety functions work properly.
- It must be ensured that the mains connection cable cannot be damaged due to heat, oil, by equipment running over it, or by pulling, straining, or similar.
- The mains connection cable should be regularly inspected for signs of damage.

- Do not use the **Filter and Table Unit** if the mains connection cable is not in perfect working order. Always use a genuine replacement part when replacing the mains connection cable.
- During commissioning, make sure that no foreign objects (cleaning cloths, tools, or similar) can be sucked in.
- Refrain from all methods of working that might impair or endanger the safety of personnel, the unit, or the working area and its surroundings.
- The operator is obliged to immediately report any safety-related changes occurring on the unit.
- Observe all attached information signs and warnings.
- In the event of extended or permanent work interruptions, switch off the unit and disconnect it from the mains power supply.
- In the event of danger, switch off the unit immediately.

NOTICE

The unit must be connected to an AC mains network that is protected with a circuit breaker or fuse (connected loads: see “Technical Data” on page 17).

Residual hazards

⚠CAUTION

Hazard prevention – mechanical systems

All moving parts (fan, motor) are protected with fixed and securely mounted guards that can only be removed with tools.

RESIDUAL RISK:

- Severe injuries can be caused if a fixed, securely mounted guard or trim panel is removed with tools while the unit is running.
- Opening or closing the door catch on the filter door can result in crush injuries or other types of injury. The door catch must be treated with the appropriate care.

Hazard prevention – electrical systems

All live parts of the **Filter and Table Unit** are insulated to protect against contact or are protected with fixed and securely mounted guards that can only be removed with tools.

The system corresponds to protection class I in accordance with EN 60335.

RESIDUAL RISK:

- Severe injuries due to electric shock can be caused if a fixed, securely mounted guard or trim panel is removed with tools without first disconnecting the mains connection cable.

Hazard prevention – harmful substances

Only filters that are suitable for the type of unit are permitted to be used. Do not operate the unit without a filter, or with a filter that is defective.

RESIDUAL RISK:

- The use of defective or unsuitable filters poses health hazards.

Hazard prevention – disposal

The **Filter and Table Unit**, the filter elements, and other accessory parts must be disposed of in accordance with the applicable rules and regulations at the end of their service life.

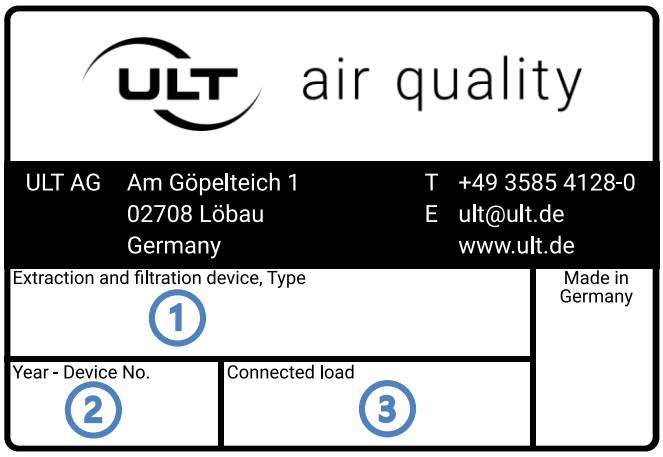
RESIDUAL RISK:

- If the equipment is not disposed of properly, this can cause health hazards and can pollute the environment.

Type plate

The type plate is part of the device and must never be removed.

Information about the type and the connected electric load depends on the particular unit and can be found in the section “Technical Data” on page 17.



1..... Type designation / weight

2..... Serial number

3..... Connected electric loads (rated power / rated voltage / rated current / rated frequency)

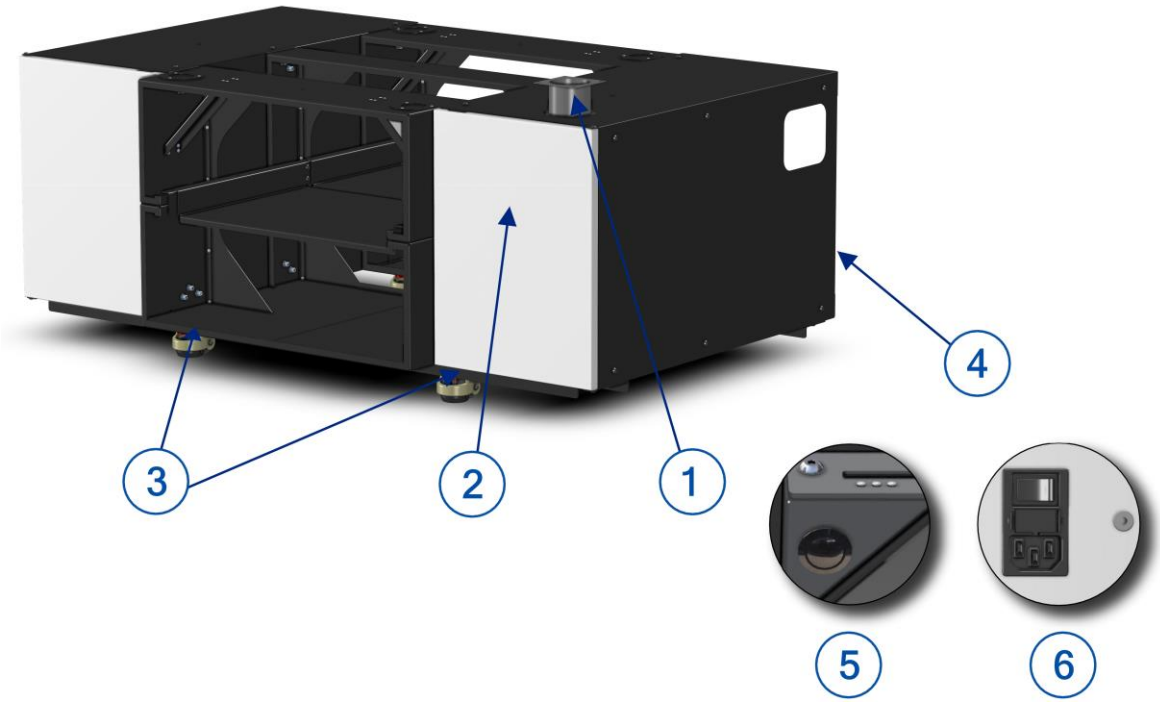
Disposal information

The products of ULT AG are intended solely for commercial use. In accordance with the requirements of the EU directive (WEEE Directive 2012/19/EU) and of the German Electrical and Electronic Equipment Act (ElektroG), ULT AG is licensed in Germany by Stiftung Elektro-Altgeräte-Register (EAR) as a manufacturer under the WEEE registration number DE 42863881. We accept no duty of disposal for end-of-life equipment from non-private users after the end of use. For information about the rules and regulations for registration and disposal outside of Germany, please contact your dealer or importer.

On request, ULT AG can offer the disposal of end-of-life units as a service in Germany.

Technical Overview

Overall system

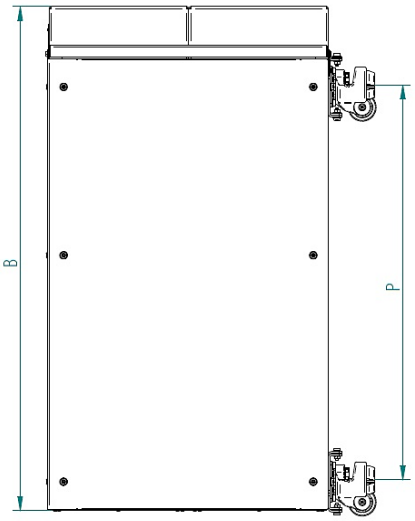


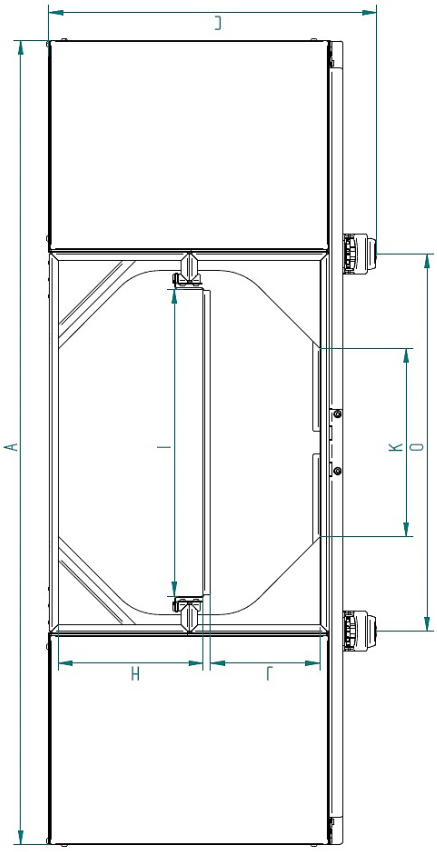
1	Intake nozzle
2	Filter chamber door
3	Casters
4	Clean gas outlet
5	Front operating panel with reset button and LED status light
6	Connections on the rear

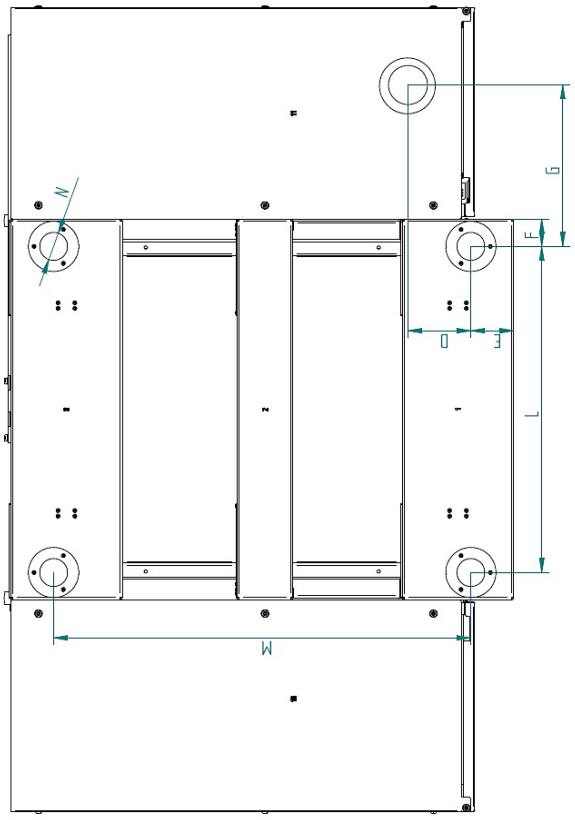
Technical Illustration

Dimensions RDG MO-180

Dimensions		
	(mm)	(inch)
A	1440	56.69
B	903	35.55
C	588	23.15
D	112	4.42
E	77	3.03
F	49	1.92
G	289	11.37
H	259	10.19
I	550	21.65
J	195	7.67
K	340	13.38
L	584	22.99
M	747	29.40
N	50	1.96
O	676	26.61
P	707	27.83

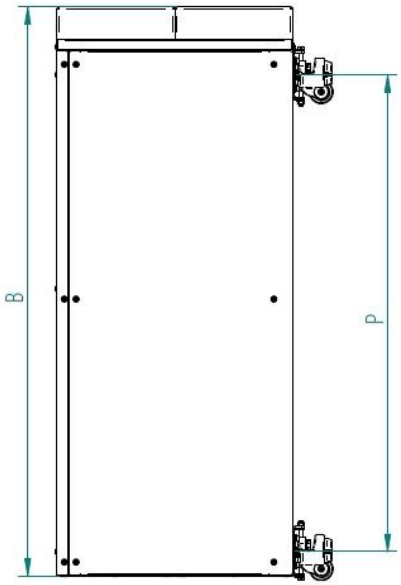


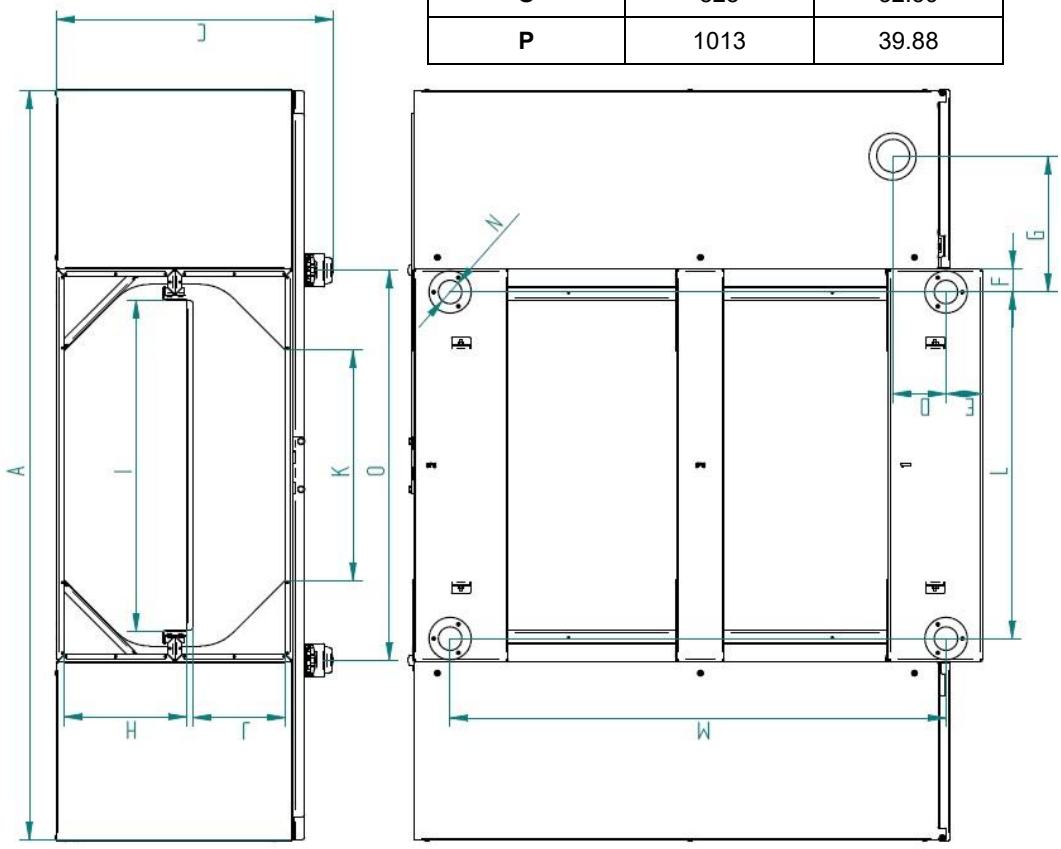




Dimensions RDG MO-240

Dimensions		
	(mm)	(inch)
A	1592	62.67
B	1210	37.79
C	588	23.15
D	113	4.44
E	77	3.03
F	49	1.92
G	287	11.29
H	259	10.19
I	704	27.71
J	197	7.75
K	489	19.25
L	736	28.97
M	1053	41.45
N	50	1.96
O	828	32.59
P	1013	39.88





Technical Data

Dimensions RDG MO-180

Width (A):	1440 mm (56.69´´)
Depth (B):	903 mm (35.55´´)
Height (C)	588 mm (23.15´´)
Weight:	Approx. 126 kg (278 lb)

Dimensions RDG MO-240

Width (A):	1592 mm (62.67´´)
Depth (B):	1210 mm (47.63´´)
Height (C)	588 mm (23.15´´)
Weight:	Approx. 140 kg (309 lb)

Temperatures

Ambient air during operation	Min. 10 °C, max. 35 °C (min. 50 °F, max 95 °F)
Transport and storage	Min. -25 °C, max. 70 °C (min. -13 °F, max 158 °F)
Sucked-in process air	≤ 55 °C (≤ 131°F)

Humidity

10% - 80% relative humidity (non-condensing)

Air intake

1x pipe nozzle, DN80

Air outlet

Outlet nozzle, DN100, on rear of unit

Performance data

MD.10

Rated volumetric flow rate:	80 m³/h (47cfm)

Electrical connection

MD.10

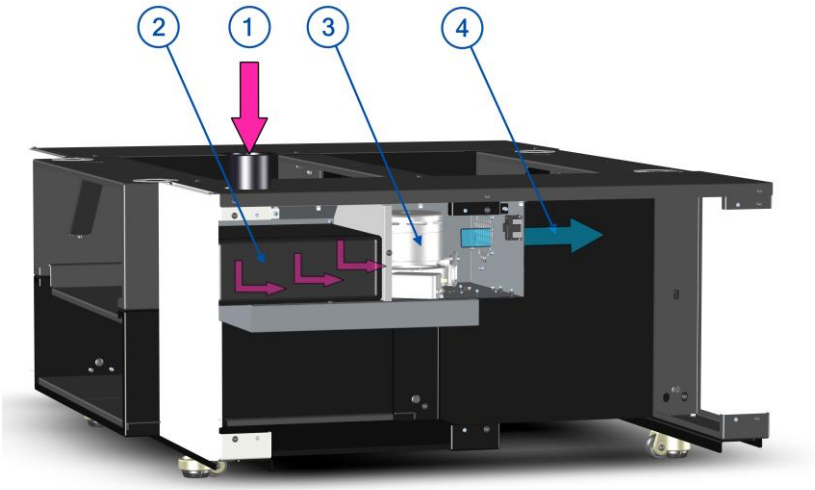
Rated voltage:	110 V - 240 V
Rated frequency:	50/60 Hz
Rated current:	7 A
Rated power consumption:	0.14 kW
Series fuse:	10 A

Degree of protection

IP53

Material	Enclosure: o Robust sheet steel enclosure o Powder coated
Equipment	- Universal LED for filter status and device status - Outlet grille; air outlet flange collar DN100 - Jack socket - ON/OFF switch - Lockable casters
Included in the delivery	- Filter unit - including filter bag - including pre-filter mat for intake nozzle - Mains cable - Interface cable - Operating instructions

Function and operation



① Intake nozzle

② Filter

③ Vacuum generator

④ Outlet grille

The blower installed in the **Filter and Table Unit** generates a vacuum at the intake connector. As a result, impurities in the air can be collected and sucked out directly at the point of creation.

The contaminated air is guided through the filter in the **Filter and Table Unit** and purified.

The purified air passes through an integrated muffler and comes out through the outlet flange on the rear of the unit.

OFF-Delay

After the printing process is finished, the shutdown will be delayed for 15 minutes. This ensures the extraction of any printing residues after the process has been stopped.

Device application

Application

The **Filter and Table Unit** is designed for extracting and adsorbing harmful substances from the UV printing process in non-flammable concentrations.

The **Filter and Table Unit** must be utilized directly at the processing machine or workplaces; thus, emerging hazardous substances can be removed at the place of their origin.

Filter

RDG MO Standard:

- Adsorption filter, activated carbon, 6 kg (13.22lb)

RDG MO High Performance:

- Adsorption filter / chemisorption filter
  - activated carbon, 3 kg (6.61lb)
  - Chemisorption medium, 5 kg (11.02lb)

The activated carbon layer is used for filtration of gases, vapors, and odors.

Transport and storage

NOTICE

The **Filter and Table Unit** is designed to be transported in a vertical position.

The following conditions must be met during transport and storage:

Temperature:	-25 °C to +55 °C (-13 °F to 131 °F)
Temporarily (max. 24 hrs):	Up to +70 °C (up to 158 °F)
Humidity:	10% - 80% relative humidity (non-condensing)

Installation

Installation and connection of the unit

NOTICE

Before starting with the installation:

- Check the unit and the filter for any transport damage that may be present.
- Report any damage to the carrier.
- Remove all transport packaging.
- All transport packaging is recyclable; please consult your local waste disposal company for information about proper disposal.

⚠CAUTION

The Extraction Unit should be set up in the place intended for it. It should be on a level floor and standing upright, with horizontal surfaces properly leveled. Apply the brakes of the casters.

Minimum distances must be maintained to other machines or parts of the building to ensure that safe maintenance access is provided and to allow the clean gas to escape without any obstructions.

These are:

- On all sides: +0.5 m (19.68´´)

Minimum distances for maintenance and service activities:

- On all sides: +1.0 m (39.37´´)

The **Filter and Table Unit** is operated standing up. You can use the intake nozzle depending on your usage requirements.

The intake nozzle of the **Filter and Table Unit** is designed for the connection of:

- Hose systems 1 x DN80.

The hose system is to be mounted by the operator directly on the pipe nozzle during the commissioning process.

NOTICE

After the printer has been installed, the pre-filter mat must be placed on the intake nozzle.

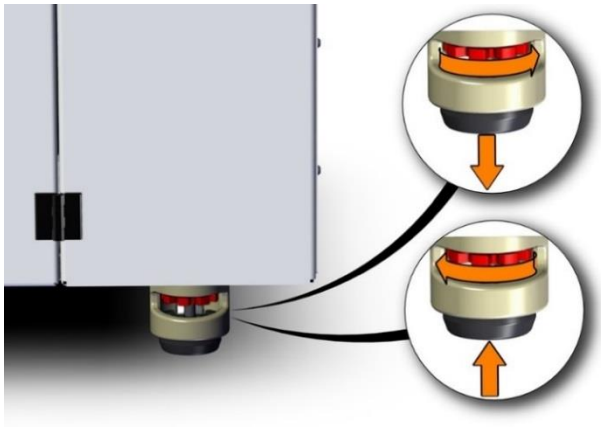
Moving the unit

⚠CAUTION

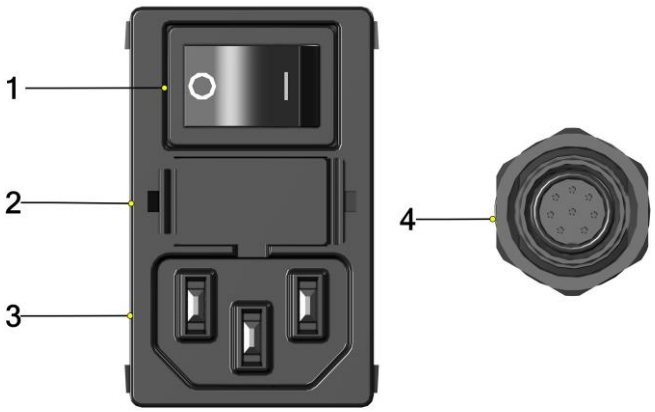
Before moving the unit to a new location, first switch it off and disconnect the mains plug.

The casters allow the unit to be easily moved without having to lift it. The device can be pushed or pulled to the required new location.

The unit must only be moved with the casters on level surfaces. If it is moved with the casters on an inclined surface, there is a risk that control over the unit could be lost, resulting in personal injury or damage to the unit. Once you have finished moving the unit to its new location, the levelling pads must be screwed down to lift the castors off the ground.



Connections on the rear Interfaces



1: ON/OFF main supply switch

2: Mains voltage fuse (10.0 A)

3: Connection for the power cord

4: Jack socket for remote On/Off

Electrical connection

Use the supplied mains plug to connect the unit to the AC mains network 110 V … 240 V / 50/60 Hz. The supply line must be protected with a fuse of at least 16 A.

Harmonic currents

The units in the RDG MO series are professional units for use in commercial and industrial environments.

In accordance with EN 61000-3-2, approval is required from the responsible energy supply company (mains network operator) for connection to a public low-voltage network.

The unit can cause electromagnetic interference in nearby equipment or systems.

NOTICE

The interfaces are intended to be used solely during installation and disassembly of the system. They must not be disconnected while a load is applied and are not to be used as mains disconnect device for the extraction unit.

NOTICE

The Extraction and Filtration Unit must only be operated using the supplied mains cable. Use of other mains cables may result in damage to the device.

Jack socket interface

As standard, the interface provides the following function: Remote ON/OFF. The **Filter and Table Unit** can be controlled by a higher-level machine via this interface.

Please refer to the interface diagram for information about the assignments on the interface.

The remote ON/OFF function is used to switch the unit on or off via a higher-level controller.

NOTICE

The time interval between switching on and switching off should be at least 5 minutes. Otherwise, there is a risk that the blower might be damaged.

Commissioning

Assemble and set up the **Filter and Table Unit** according to the assembly instructions.

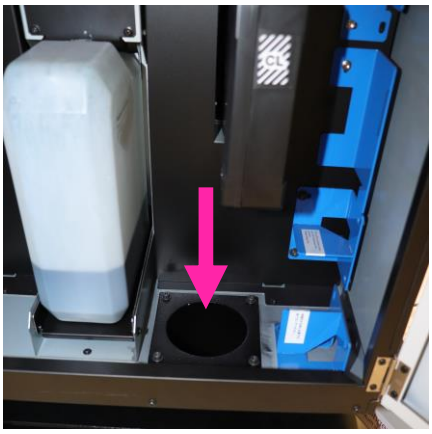
- Open the filter chamber door.
- Check that the filter bag is securely mounted.
- Close the filter chamber door again.
- Connect the air intake.
- Connect the interface cable with the higher-level machine.
- Connect the mains supply cable.

DANGER

Never operate the unit without a filter.

Pre-filter

After the printer has been installed, the pre-filter mat must be placed on the intake nozzle.



Operation

Switch on the **Filter and Table Unit** via the ON/OFF switch on the backside of the unit. Before taking the unit into operation, check that the suction connection is properly connected and the air outlet on the rear of the unit is free of any obstructions. The LED status lamp indicates the status of the unit.

LED status

The LED status lamp indicates the status of the unit:

Color code	Description
White	Standby mode
Green	Fan is running
Orange	Filter usage 1750 hours
Red	Filter usage 2150 hours

Operating mode

The **Filter and Table Unit** can be operated only in remote operation (connection of a higher-level machine to the interface).

Remote operation

The **Filter and Table Unit** can be controlled by a higher-level machine via the communication interface.

The higher-level machine can then switch on the **Filter and Table Unit** and set it into standby mode.

Prerequisite for remote operation:

- The higher-level machine is connected via the communication interface to the **Filter and Table Unit**.

NOTICE

The time interval between switching on and switching off should be at least 5 minutes. Otherwise, there is a risk that the blower might be damaged.

OFF-Delay

After the printing process is finished, the shutdown will be delayed for 15 minutes. This ensures the extraction of any printing residues after the process has been stopped.

Evacuation time

NOTICE

To avoid odors, keep the printer door closed for at least 10 minutes after printing.

Shutdown

When shutting down the **Filter and Table Unit**, always follow the safety instructions in these operating instructions.

- Switch off the unit.
- Disconnect the electrical connections of the **Filter and Table Unit**.

Maintenance and servicing

General maintenance and servicing instructions

Maintenance of the device is limited to the inspection and replacement of the filter element. Maintenance and inspection work must be performed at regular intervals. It is the responsibility of the user of the unit to find out which rules and regulations apply to the particular application or country, such as the German Social Accident Insurance (DGUV), and to make sure that these are applied. Written records must be kept about the work performed; these records shall be submitted to the supervisory authorities on demand.

Daily inspection

- Check the filter status and replacement of the filter element as required.

Monthly inspection

- Check the air intake.

Yearly main inspection

- Main inspection.

DANGER

For your own safety always wear personal protective equipment during all maintenance and servicing work. As a minimum, this should include respiratory protection (filter category P3) and protective gloves.

DANGER

Before starting any work, switch off the unit and secure it so that it cannot be switched back on inadvertently. Wait for the blower to come to a standstill.

After all maintenance work, always clean the working area in which the work was performed.

Only perform maintenance work when the system is completely de-energized and there are no live voltages present. Observe the following points in the process:

- Switch off the unit and secure it so that it cannot be switched back on again.
- Wait for the blower to come to a standstill.
- Disconnect the mains plug.

Filter change

Maintenance of the device is limited to the inspection of filter saturation and replacement of the filter.

The LED status lamp indicates the status of the filter.

Color code	Status
Orange	• Filter usage 1750 hours • The filter needs to be replaced soon.
Red	• Filter usage 2150 hours • The filter is completely saturated and must be replaced immediately.

DANGER

During all work on the opened unit, substances that are harmful to health can be released from the filter elements and come into contact with persons.

Any released dusts must be removed with an extraction device that has at least the same filter class as this unit and is equipped with a suitable collection device.

The storage filter elements used in the unit are not suitable for cleaning with compressed air.

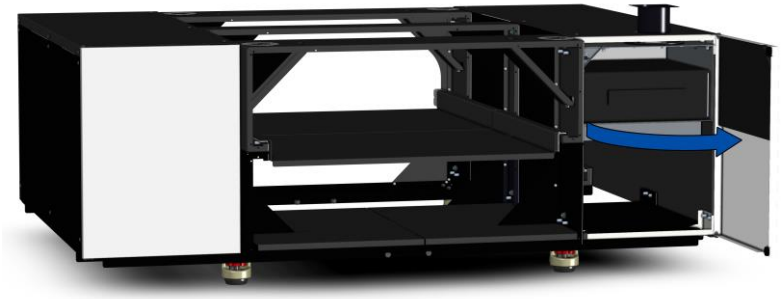
Replacement of the filter

NOTICE

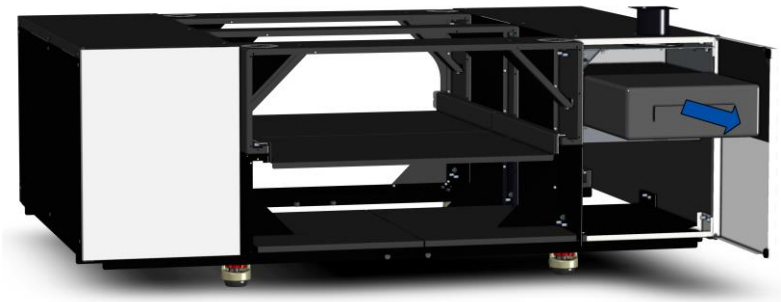
If the LED status lamp shows that the filter needs to be replaced, change the filter.

To change the filter, proceed as follows:

1. Switch off the unit and disconnect the mains plug.
2. Open the filter chamber door.



3. Take out the saturated filter and place it in a suitable disposal container that can be sealed airtight.



4. Remove the pre-filter mat from the intake nozzle.
5. Insert the new pre-filter. (see Page 25)

Filter installation

6. Insert the new filter. Make sure that the filter bag is not damaged in the process.

NOTICE

Make sure the label "Bottom" is facing down.

7. Close the filter chamber door.

8. Reconnect the mains plug.

DANGER

Never use the unit if it is damaged or incomplete.

NOTICE

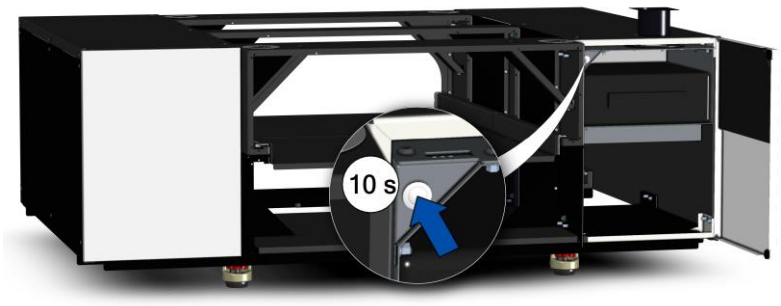
The owner of the waste, which in this context is normally whoever generates the waste, is responsible for proper recycling or disposal of the waste. The operator is responsible for the waste that accumulates and for the soiled filters.

The saturated filters must be properly disposed of in accordance with the applicable regional regulations.

Reset filter status

Press the reset button continuously for 10 seconds, then the LED flashes white for 10 seconds.

The service life is set back to 0.



Potential malfunctions

Error	Possible cause	Remedy
Fan not starting up		
	No power supply to the unit	Check the power supply at the mains outlet.
	Fault in the unit/control electronics	Have repairs carried out by a specialist (specialist dealer)
	Defective unit fuse	Replace the fuse
	Signal for remote ON/OFF not present	Check the interface cable
Inadequate suction and filter performance		
	Air passage obstructed	Check the suction path and the outlet air guidance
	Filter is saturated	Check the filter saturation indicator, replace the filter(s)
Poor filtration		
	Filter is not in the correct position	Check the seating of the filters

Replacement and wear parts

Description	Item number	Maintenance category[1]	Operating time category[2]
Replacement parts			
Door seal	6-16166	I	B
Sealing lip	6-16165	I	B
Wear parts			
Device supply cable 3x 0.75 mm²	6-05989	I	C
Device supply cable USA	6-06040	I	C
Interface cable RDG MO	6-16481	I	C
Filter unit RDG MO	2-00281	I	C
Device roll incl. mounting materials	6-08511	I	C
Set of side box doors	3-01363	I	C
Air intake nozzle	6-16470	I	C

[2]Maintenance category

- **Category I**:
  - To be checked 1 x year
- **Category II**:
  - To be checked every 2 years
- **Category III**:
  - To be checked every 4 years

[3]Operation duration category

- **Category A**:
  - For an operating period of 1 year (while observing or adhering to the technical design parameters and the specified environmental and process conditions as well as the intended use) due to wear

- **Category B:**
    - For an operating period of max. 20,000 hours (while observing or adhering to the specified technical design parameters and the environmental and process conditions as well as the intended use) due to wear
- **Category C:**
    - For an operating period of over 20,000 hours or 3 years (while observing or adhering to the specified technical design parameters and the environmental and process conditions as well as the intended use) due to wear.

NOTICE

When placing an order, please <u>always</u> quote the item number and the revision number of the table.

There is a sticker with the revision number of the table on the underside of the insert plate.

As an example:

In order to maintain the operational safety and reliability of the unit, always use genuine replacement parts from ULT AG. If replacement parts from third parties are used, all guarantees, and warranty claims will be voided for the unit.

Filter list

Type	Description	Item number
Main filter		
	Adsorption filter bag - Standard	4-00968
	Adsorption filter bag - High Performance	4-00969
	Pre-filter mat	4-00973

NOTICE

Only use genuine filters from ULT AG. This is the only way to ensure that the stated filter performance can be achieved.

Contact:

Global
ULT AG Am Göpelteich 1 02708 Löbau, Germany Tel.: 0 35 85 / 41 28 0 Fax: 0 35 85 / 41 28 11 E-mail: ult@ult.de

Service

The following services are available:

- Supply of accessories
- Supply of spare parts
- Supply of replacement filters
- Ongoing maintenance
- Performance of any necessary repairs
- Disposal of the unit

ULT AG
Am Göpelteich 1
OT Kittlitz
D-02708 Löbau

Declaration of incorporation

in accordance with the EC Machinery Directive 2006/42/EG, Annex II No. 1 B

Filter unit for dust particles

Machine type: RDG MO180 / MO-240

Serial number: YYYY 25 xxxx

(Year of construction- Type/Serial number)

is an incomplete machine according to Article 2g and is exclusively intended for incorporation in, or installation with another machine or piece of equipment. This incomplete machine complies with the requirements of the following EC Directives:

EC Machinery Directive 2006/42/EG
EMC Directive 2014/30/EU

and must not be placed into operation until
the machine/plant into which this incomplete machine is to be incorporated complies with the requirements of the Machinery Directive.

Harmonised standards used:

DIN EN ISO 12100	Safety of machines
DIN EN ISO 13857	Safety clearances for preventing upper limbs from reaching into danger areas
EN 349	Minimum clearances for preventing crushing of body parts
EN 60204, Part 1	Electrical equipment in machines, Part 1
DIN EN 61000-6-2	EMC Standard

Mr Karl Ullwer is authorised to compile the technical documentation.
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Location/Date: Löbau, 20.09.2024

Signature:

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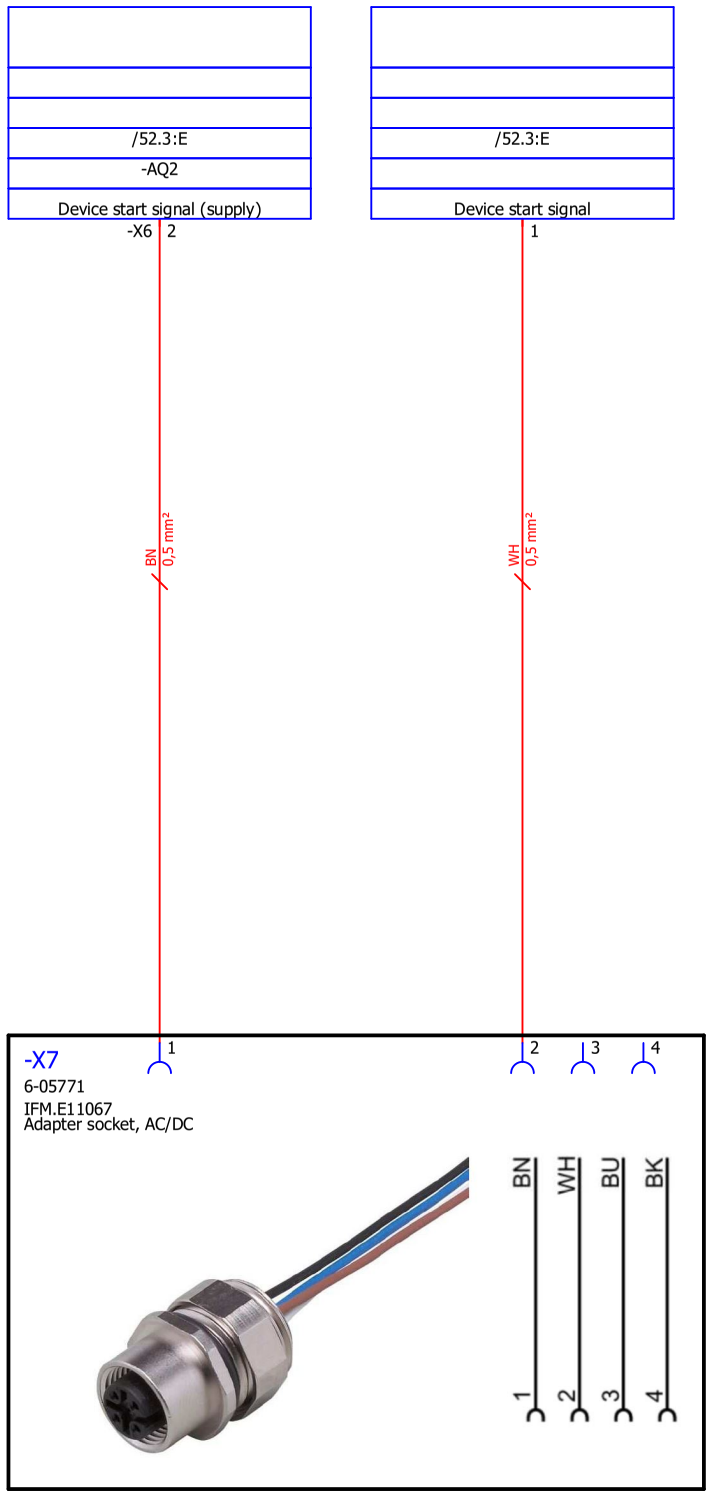
T. Heinitz /TAB



106

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