

Operating Instructions

DUSTY COMFORT

LABORATORY EQUIPMENT



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Dear Customer!

The REITEL suction units of the DUSTY-Series are used for any kind of dust and waste removal at workplaces or machines in production facilities, laboratories and in the workshop. They combine solid design with high suction performance. The DUSTY COMFORT (wet and dry suction with power tool socket) offers a large tank volume and a performance control. It is equipped with fine dust filter element and filter bag, providing high filtration performance and a long service life.

Prior to installation of the device operating instructions and especially the safety instructions must be read and followed by all personnel who use this device.

After having unpacked the device, please check carefully whether transportation damages of any kind have occurred. If that is the case, the carrier or manufacturer must be notified within 3 days. The company will **not** be responsible for any damages found after that.

These operating instructions must be read and followed by all personnel who use this device. To ensure quick access we recommend to keep it at a safe place near the device. In case of loss it can be ordered at a nominal fee from the manufacturer.

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1 Equipment

1.1 Basic Equipment

- Single workplace suction unit DUSTY COMFORT
- 2,5 m suction hose
- 7,5 m cable
- Fine dust filter element (1 piece), preassembled
- Filter bag (1 piece)
- Cyclone insert

1.2 Special Accessories

- Order-No.: 27905000 Filter bag DUSTY COMFORT (5 pcs./pack)

2 Safety Notes

2.1 General Safety Notes

- All equipment undergoes final inspection and testing before leaving our factory. However, if equipment is damaged during shipping or through any other circumstances, it must not be used in service. Please check the device regularly for damages. Damaged parts should be replaced immediately.
- All power/air/water/gas sources should be rated for the demands of the device as listed in the technical data sheets. Maximum ratings must not be exceeded. All VDE (Verein Deutscher Elektro-Ingenieure) standards should be followed. Equipment should be grounded according to standards.
- Adherence to valid regulations regarding necessary checks (e.g. according to Accident Prevention & Insurance or electrical equipment) is exclusively taken over by the buyer/user of this product.
- This device has been designated to be used only for its intended purpose. All other applications must be prohibited for safety reasons as otherwise the manufacturer's warranty expires.
- The device should be set-up in a clean, well-ventilated room, if necessary under a hood.
- Supporting surfaces should be straight, flat and adequately stable.
- Don't place anything on top of the machine.
- To avoid injury, appropriate protection should be worn (e.g. gloves, safety glasses, safety shoes, hearing protection etc.)
- If the machine is defective or working improperly it must be taken out of service. In case of further use of the machine the owner will be held responsible for any consequential damage.
- To prevent accidents from water, fire or explosion, all power/air/water/gas sources should be turned off after working hours and during breaks, and secured against unauthorized access.
- When carrying out maintenance works or repairs or when opening the device always turn off the main power switch and unplug the whole unit.
- Repairs should be carried out only by the manufacturer or by qualified and certified personnel appointed according to chapter 7 – warranty.
- In case of leaking water out of housing or tank shut down device and call service.

2.2 Specific Safety Notes

- Don't pick up any explosive, burnable or aggressive fluids or dust with the suction unit.
- This suction is not suitable for picking up harmful dust, risking to damage the filter element (e.g. glass splinters, metal etc.).
- This machine is not suitable for continuous operation.
- Always turn the machine off and unplug it before carrying out any maintenance work or cleaning.
- Use accessories provided for filling and / or maintenance.
- Don't perform any other maintenance work than listed in the operating instructions. Any operation not listed in the operating instructions may bear risks.
- Before plugging the power tool plug into the socket, ensure that the voltage shown on the rating plate corresponds to the voltage of the local mains power supply.
- Prior to picking up liquids the filter bag must be removed and the float lever needs to be checked. A sieve filter and a filter element must always be installed in the device.
- If foam appears after picking up liquids the device has to be switched off immediately and the dirt tank has to be emptied.
- Don't use wet filter element for picking up dry dust in order to avoid filter clogging.
- Don't tilt or transport the machine in a lying position if there is liquid in the tank.
- Always insert a filter bag prior to picking up dry substances.
- Do not damage the mains power lead (e.g. driving over it, pulling, crushing).
- Using an extension cable the minimum cross-sections must be in compliance with requirements (up to 20 m → 1,5 mm²; 20 - 50 m → 2,5 mm²).

3 Installation

The equipment delivered is ready for immediate use. The sealed plug can be connected directly to the mains supply 230 V/16 A. For installation please refer to chapter 2.

3.1 Installation

1. Ensure that the suction is switched off with the on/off switch (1).
2. Put the plug into a properly installed socket.

3.2 Hose Installation

1. Introduce the hose coupling (4) into the inlet fitting (3) of the suction (see detail 1).
2. Check for tight fit of the suction hose (4).

3.3 Filter Installation

1. Open the retaining clamps (8) and remove the upper section of the suction (6) (see detail 2).
2. Press the filter bag connection firmly onto the inlet fitting in the dirt tank (see detail 3).
3. Attach the upper section of the suction (6). Close the retaining clamps (8)(see detail 9). Ensure that the retaining clamps fit properly.

3.4 Connection of power tools

1. Ensure that the suction is switched off with the on/off switch (1).
2. Using the connector (2) a power tool can be connected.
3. Ensure that the power tool is switched off.
4. Connect the end of the suction hose (4) with the coupling bush to the power tool.
5. Insert the plug of the power tool into the tool socket (2) on the operating panel.

Attention:

To comply with regulations, only approved dust producing tools should be connected. The maximum power consumption of the connected electrical appliance is stated in "Technical Data", chapter 9). The operating instructions incl. safety instructions for the connected power tool have to be adhered to.

4 Notes for the User

The DUSTY COMFORT is a dry and wet suction. Using both fine dust filter element and filter bag a high level of filtration is achieved for picking up dry substances. For picking up liquids refer to chapter 4.4.

4.1 Operation

1. Only suction (without connected power tool):
 - a. Turn „auto“ switch (10) to „0“
 - b. Switch suction on the with the power switch (1)
 - c. Switch suction off with the power switch (1)
2. Connected power tool activated by suction unit:
 - a. Turn „auto“ switch (10) to position „0“
 - b. Switch on the power tool
 - c. Switch on suction unit with the power switch (1), the connected power tool is also started
 - d. Switch off suction with the power switch (1), the power tool is also switched off
3. Suction unit activated by power tool:
 - a. Turn off power tool
 - b. Set automatic starting (10) to „1“
 - c. Switch on suction unit with power switch (1)
 - d. As soon as you switch on the power tool, the suction is started.
 - e. As soon as you switch off power tool, the suction switches off automatically after some seconds
 - f. When work is finished switch off the suction with the power switch (1).

4.2 Replacing filter bag or fine dust filter element

1. Open the retaining clamps (see chapter 3.3) and remove the upper section of the suction unit.
2. Carefully remove the filter bag from the inlet fitting and insert a new filter bag (see detail 3). Press the bush of the new filter bag firmly onto the inlet fitting (dispose of the filter bag in compliance with legal regulations).
3. Turn the filter holder anticlockwise (see detail 5) and remove the fine dust filter element. Use a suction to clean it or replace it (dispose of the filter cartridge in compliance with legal regulations). Insert the new filter element. Fit the filter holder and turn it clockwise to secure it (see detail 4).
4. Clean the rim of the tank and the seals in the intermediate ring and the upper section of the suction (see detail 8) before refitting them. Close the retaining clamps.

4.3 Picking up dry substances

The appliance is equipped with a pre-installed filter element for picking up dry substances.

4.4 Picking up liquids

1. Open the retaining clamps (see chapter 3.3) and remove the upper section of the unit.
2. Turn the fine dust filter element anticlockwise and remove it. Fit the cyclone insert for picking up liquids and turn it clockwise (see detail 6) to secure it.
3. Remove the filter bag (see chapter 4.2).

4.5 Emptying the dirt tank

1. Open the retaining clamps (see chapter 3.3) and remove the upper section of the suction unit.
2. Tip out the collected dirt (see detail 7) and dispose of the dirt in accordance with legal regulations.
3. Clean the rim of the tank and the seals in the intermediate ring and the upper section of the suction (see detail 8) before refitting them. If the seal or groove is dirty or damaged, the suction performance will be reduced. Close the retaining clamps.

5 Troubleshooting

| | |
|---|--|
| Device cannot be switched on (motor doesn't start). | <ol style="list-style-type: none">Check the building's fuse.Overload protection switch has tripped (switch off the suction unit and allow it to cool for approx. 5 minutes). |
| Low suction capacity. | <ol style="list-style-type: none">Clogged suction hose or nozzle → clean suction hose/nozzle.Seal between tank and upper section of vacuum cleaner is dirty → clean gasket.Full filter bag → replace it.Fine dust filter element is dirty → clean it. |

6 Maintenance

- Regularly check the device's state. Pay attention to visible damage to housing or power cord.
- Regularly replace the filter bag (see chapter 4.2 Replacing filter bag or fine dust filter element).
- Regularly clean or replace the fine dust filter element (see chapter 4.2 replacement of filter bag or fined dust filter element).
- Regularly empty and clean the dirt tank (see chapter 4.4), especially if the suction unit has not been used for some time.
- After picking-up liquids: store the upper section of the suction unit separately so that the filter element can dry.
- Regularly clean the housing with a damp cloth.

7 Warranty

We, REITEL Feinwerktechnik GmbH, offer a 1 year's warranty beginning from the proven date of purchase. This warranty covers all defects traceable to materials, design or workmanship. The following warranty regulations are applicable:

Within the warranty period Reitel Feinwerktechnik GmbH or an authorized distributor agrees at its sole option, to perform repair or replace this product at no charge covering all defects traceable to materials, design or workmanship. Warranty only applies to appropriate use and regular maintenance of this product according to the operating instructions. Claims under warranty are restricted to complementary performance. Additional claims, especially claims for indemnifications, are not covered by this warranty.

1.

Warranty claims have to be addressed to the distributor the product was purchased from or directly to our service department.

Contact:

REITEL Feinwerktechnik GmbH

Senfdamm 20

49152 Bad Essen

Germany

Phone: +49(0)5472-9432-32 (Service Department)

Phone: +49(0)5472-9432-0 (Reception)

Fax-No: +49(0)5472-9432-40

2.

In case of warranty claim application the sales receipt or your purchase invoice showing the date of purchase of the product and the serial number must be furnished. Securely pack and ship the device, freight charges prepaid, at your own risk to us, along with a report describing the defect. We reserve the right to decline warranty if this information has been removed or modified after purchase of the product or if they are not included in case of warranty claims.

3.

Warranty repairs have to be performed by REITEL Feinwerktechnik GmbH or by authorised distributors. Repairs performed by non-authorised companies will void the claim for refund since damages to the product resulting hereof are not covered by warranty.

4.

If the unit sent in for repair or replacement is still under the original warranty then warranty is to the end of the original 1 year warranty.

5.

If the unit is destined to be operated in another country than originally intended and manufactured for, modifications to the product might be necessary to comply to special technical and /or safety standards of that specific country. Such modifications are no defects traceable to materials, design or workmanship. and are therefore expressly excluded from warranty claims.

Modification costs or damages arising from operation of the product under deviating conditions are not covered by warranty.

6.

Exclusions from warranty:

- Service and maintenance work as well as repair and replacement of consumables according to our consumables' list
- Transportation cost of the machine or installation and dismounting expenses incurred
- Damages due to use of the product other than for its intended purpose
- Damages due to faulty installation or insufficient maintenance of the product (e.g. decalcification)
- Damages due to natural disaster e.g. lightning, water, fire, act of nature beyond control, war, inadequate line voltage, insufficient ventilation, no decalcification, insufficient care and cleaning or non-adherence to operation and maintenance instructions according to the accompanying operation guide.
- Damage due to use of the product other than in accordance with the instructions provided by REITEL Feinwerktechnik GmbH;
- The warranty does not cover the cost of removal and replacement of parts and accessories, unless supplied as original equipment by REITEL Feinwerktechnik GmbH
- All kind of damages occurred not directly at the device as well as consequential damages (e.g. damages to furniture due to a lack of water, downtime of the machine, material, lost working hours, wages and other consequential damages).

This warranty shall be rendered null and void if:

- the product has been subject to any modification, repair or replacement other than as authorised by REITEL Feinwerktechnik GmbH
- the product is continued to be operated despite a functional defect

7.

The warranty is device specific and may be claimed, within the warranty period, by any person who has legally acquired the device.

8.

Consumables are excluded from warranty. Spare parts are subject to a warranty coverage of 6 months against all defects traceable to materials, design or workmanship according to these warranty regulations.

9.

Legal default claims on the part of the purchaser remain unaffected by this warranty.

10.

We reserve the right to charge a fee if repair of the device is rejected and the device is destined to be sent back unrepaired.

11.

Please note:

Upon repair or replacement of this unit, personal data and settings might get lost or damaged. We don't accept liability for all kind of data loss. The customer is advised to backup essential programs and data before sending for service.

12.

This warranty shall be interpreted in accordance with German law to the exclusion of UN sales law. Place of jurisdiction is our business location.

13.

If any provisions of this warranty are judged to be illegal or unenforceable, the continuation in full force and effect of the remaining provisions will not be prejudiced. The provisions of this warranty judged to be illegal or unenforceable shall be construed so as to give effect to the intent manifested by the provision held invalid, illegal or unenforceable and to give effect to section 13 hereof.

14.

Should you need to borrow a device while your device is being repaired, please contact Messrs. REITEL or your distributor. These loans are a service for which availability cannot necessarily be guaranteed. After the warranty period, a fee may be charged for loan equipment as well as for shipping and packaging.

8 Rules for Disposal of Commercial Electrical Equipment



According to valid laws our devices are properly disposed of according to B2B-regulations for proper disposal. Pls. contact your local dealer for additional information.

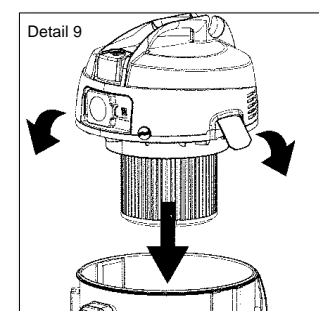
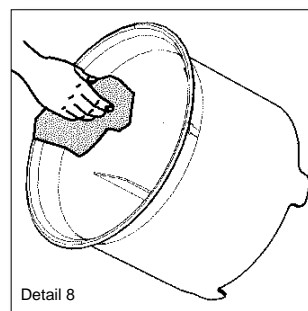
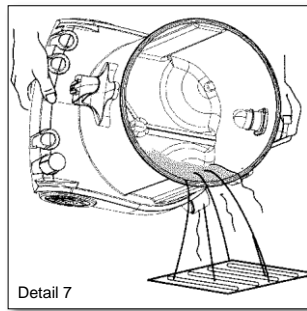
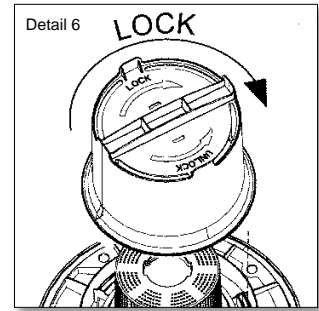
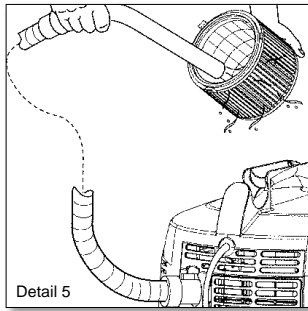
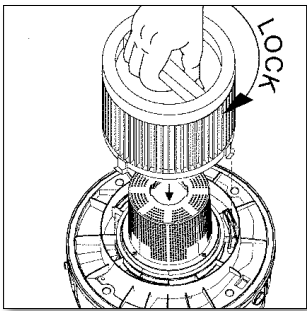
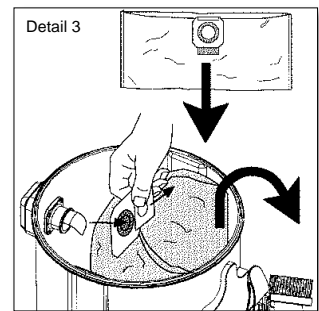
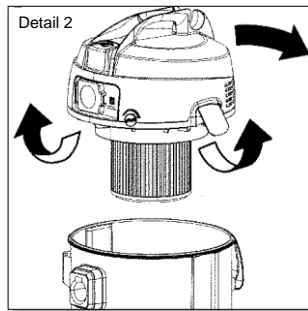
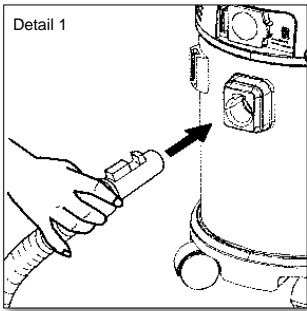
9 Technical Data

| | |
|--|-----------------------|
| Line voltage | 230 V/50–60 Hz |
| Current consumption | 1.300 W |
| Plug | max. 1.500 W (auto) |
| Height/width/depth | 600/360/420 mm |
| Weight | 7,8 kg |
| Dust collection | 95 % (class M) |
| Flow rate | 252 m ³ /h |
| Sound level | 70 db(A) |
| Tank volume | 30 l |
| Housing | Plastic |
| Made in Germany (Subject to modifications) | |

10 Operating Elements

- 1 Power switch
- 2 Device's plug
- 3 Inlet fitting
- 4 Suction hose
- 5 Handle with receptacle for electrical lead
- 6 Upper section of the vacuum cleaner (light grey)
- 7 Suction power control switch
- 8 Retaining clamp
- 9 Dirt tank (dark grey)
- 10 Auto-On/Off-Operation – “auto” switch





11 EU DIRECTIVE

EU-Konformitätserklärung EC-Conformity Declaration CE-Déclaration de Conformité

im Sinne der EG-Richtlinie 2006/42/EG über Maschinen (Anhang II A)
according to Machinery Directive 2006/42/EC (Appendix II A)
au sens de la Directive Machines 2006/42/CE (Annexes II A)

Name und Anschrift des Herstellers/Name and address of manufacturer/Nom et adresse du fabricant:

Reitel Feinwerktechnik GmbH
Senfdamm 20
49152 Bad Essen

Diese Erklärung bezieht sich nur auf die Maschine in dem Zustand, in dem sie in Verkehr gebracht wurde; vom Endnutzer nachträglich angebrachte Teile und/oder nachträglich vorgenommene Eingriffe bleiben unberücksichtigt. Die Erklärung verliert ihre Gültigkeit, wenn das Produkt ohne Zustimmung umgebaut oder verändert wird./This declaration relates exclusively to the machinery in the state in which it was placed on the market and excludes components which are added and/or operations carried out subsequently by the final user. This declaration will become invalid if any unauthorised modification is made to the product./Cette déclaration concerne exclusivement les machines dans l'état dans lequel elles ont été mises sur le marché et exclut des composants ajoutés et/ou les opérations effectuées par la suite par l'utilisateur final. La présente déclaration perd sa validité si des modifications non-autorisées ont été apportées à la machine.

Hiermit erklären wir, dass die nachstehend beschriebene Maschine/We hereby declare that the machine described below/Nous déclarons que la machine ci-dessous

Produktbezeichnung/Product name/Nom du produit: **Absaugung/
Suction/
Aspiration**

Typenbezeichnung/Type/Type: DUSTY MINI / COMFORT / ZIRKON

allen einschlägigen Bestimmungen der Maschinenrichtlinie 2006/42/EG sowie der Richtlinie 2014/30/EU (EMV-Richtlinie) über elektromagnetische Verträglichkeit entspricht. Die Schutzziele der Richtlinie 2014/35/EU über elektrische Betriebsmittel sowie der Richtlinien 2011/65/EU (RoHS 2) werden eingehalten./is in conformity with all applicable requirements of the Machinery Directive 2006/42/EC and the Electromagnetic Compatibility Directive 2014/30/EU. The safety objectives of the Directive on Electrical Equipment 2014/35/EU as well as the Directive 2011/65/EU (RoHS 2) are adhered to./est conforme aux dispositions applicables de la Directive Machines 2006/42/CE et de la Directive Compatibilité Electromagnétique 2014/30/EU. Les objectifs de sécurité de la Directive sur les Matériels Electriques 2014/35/EU ainsi que de directive 2011/65/EU (RoHS 2) sont respectés.

Angewandte harmonisierte Normen/Harmonised standards applied/Normes harmonisées appliquées:

| | |
|---------------------|---------------------|
| DIN ISO 12100:2011 | DIN EN 61010-1:2020 |
| DIN EN 60204-1:2019 | EN 61000-6-1:2019 |
| DIN EN 45635-1 | EN 61000-6-3:2011 |

Bevollmächtigter für die Zusammenstellung der relevanten technischen Unterlagen/Representative authorised to compile the relevant technical documentation/Personne autorisée à constituer la documentation technique pertinente:

Daniel Reitel
Reitel Feinwerktechnik GmbH
Senfdamm 20
49152 Bad Essen

11.02.2021

Ort, Datum
Place, Date
Lieu, Date

Daniel Reitel, Geschäftsführender Gesellschafter/Managing Director/
Directeur Général



Unterschrift/Signature/
Signature

We manufacture in compliance with quality management ISO 13485:2016 incorporating established standards.

