

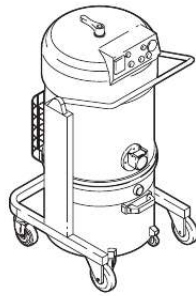


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You can read the recommendations in the user guide, the technical guide or the installation guide for NILFISK CFM 127. You'll find the answers to all your questions on the NILFISK CFM 127 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual NILFISK CFM 127
User guide NILFISK CFM 127
Operating instructions NILFISK CFM 127
Instructions for use NILFISK CFM 127
Instruction manual NILFISK CFM 127

Instructions for Use Manual Nilfisk CFM 127 and 137 Industrial Vacuums



04/2009



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Manual abstract:

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..... *page 3 Description of the vacuum cleaner - Labels*

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page 3 Optional kits

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... page 4 Accessories..

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.. page 4 Packing and unpacking ...

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... page 4 Connection to the power supply.....

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. page 5 Extensions

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. page 5 Wet and dry applications.....

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page 5 Maintenance and repairs

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..... page 6 Technical data - Dimensions ..

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. page 6 Controls and indicators (fig. 4) ...

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.. page 7 Inspections prior to starting ...

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.. page 7 Starting-up ...

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.. *page 7 Operation ...*

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.... @@@@page 8 Maintenance, cleaning and decontamination.

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..... *page 8 How to disassemble and replace the main and Hepa filters ...*

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.. page 9 Main filter replacement...

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.... page 9 Replacing the Hepa filter.....

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... page 10 Checking and cleaning the motor cooling fan

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page 10 Seal inspection.....

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... *page 10 Cleaning and replacing the separator (fig. 17)*

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. page 10 Disposal of the machine....

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. page 11 Wiring diagrams

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... page 11 Recommended spares ..

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..... page 11 Troubleshooting

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.. page 12 Manufacturer's assistance center ...

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..... pages 12-15 IGBFD E 04/2009 1 C338 127 / 137 Operating instructions Read the operating instructions and comply with the important safety recommendations identified by the words: **WARNING !** @@@@Unplug from outlet when not in use and before servicing.
@@ · Do not allow this appliance to be used as a toy. This machine is for adult-use only. · Use only as described in this manual. Use only the · manufacturer's recommended attachments. · Do not use with damaged cord or plug.
@@@Do not run the appliance over the cord. Keep cord away from heated surfaces. · Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord. · Do not handle plug, cord or appliance with wet hands.
· Do not put any object into the openings. @@@· Turn off all controls before unplugging. I · Use extra care when cleaning stairs. @@@· Do not use without dust bag/or filters in place. F · Connect to a properly grounded outlet only. See grounding instructions. **WARNING !** @@Check with a qualified electrician or service person if you are in the doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance-if it will not fit the outlet, have a proper outlet installed by a qualified electrician. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adapter should be used with this appliance.

If the appliance must be reconnected for use on a different type of electric circuit, the reconnection should be made by a qualified service personnel. - General information about use of the vacuum cleaner Use of the vacuum cleaner is governed by the laws in force in the country where it is used. Besides the operating instructions and the laws in force in the country where the vacuum cleaner is used, the technical regulations for ensuring safe and correct work must also be observed (Legislation concerning environmental and labor safety). Do not carry out any work that could jeopardize the safety of people, property and the environment. Comply with the safety indications and recommendations in this instruction manual. - Proper uses This appliance is suitable for collective use, e.g. in hotels, schools, hospitals, and factories. The vacuum cleaners described in this instruction manual are appliances designed for industrial use. They are produced in different versions and for different applications.

D GROUNDING INSTRUCTIONS This appliance must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for E electric current to reduce the risk of electric shock. This appliance is equipped with a cord that has an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. C338 2 04/2009 127 / 137 - General recommendations **WARNING !** Risk of fire outbreaks and explosions.

The vacuum cleaner can only be used when it is certain that active sources of ignition are not going to be vacuumed. Do not vacuum the following materials: burning materials (hot ashes, lighted cigarettes, etc.), flammable liquids, aggressive fuels (e.g. gasoline, solvents, acids, alkaline solutions, etc.). Do not vacuum the following materials: explosive dusts or ones liable to ignite spontaneously (such as magnesium or aluminium dusts, etc.). The vacuum cleaner is not suitable for vacuuming explosive or similar substances, as established by the laws governing explosive substances, particularly: liquid fuels and mixtures of flammable dusts and liquids. **WARNING !** Emergency If an emergency situation occurs: - filter breakage - fire outbreak; - short-circuit; - motor block; - electric shock; - etc.; turn off the vacuum cleaner, unplug it and ask for assistance from a qualified person. Note Check the place of work and substances tolerated for the vacuum cleaner in version for liquids. **WARNING !** The vacuum cleaners must not be used or stored outdoors, or in damp places. Only versions with the level sensor can be used for liquids. If not, they can only be used to vacuum dry materials.

WARNING ! Version for liquids. If foam or liquid spills from the machine, switch off immediately and check for the cause. - Description of the vacuum cleaner - Labels See fig. 1. - Labels key of fig. @@@@ Different types of main filters are available: standard and HEPA (for dusts that are hazardous for the health). 04/2009 3 C338 127 / 137 - Optional kits Various optional kits are available for converting the vacuum cleaner. Component Polyliner adapter kit Fixed floor nozzle Electric float shut-off Dust bag kit Cyclone filter protector HEPA filter of conformity issued with the machine.

@@ Airflow, max. @@ of phases kW amps inches of H2O cfm sq. ft. sq. ft. dB(A) gallons/liters inches inches lbs. ft.

@@@@@ (8) when the vacuum gauge pointer ("A" fig. 8) switches from the green zone (OK) to the red zone (STOP). @@5); - the bag or safety container is installed, if applicable. @@@@ (6); press the buttons "B" - fig. @@@@ (9), then remove and empty it. @@@@ (9). @ (9). **WARNING !** @@ Do not agitate the dust during this operation. Wear a protective mask. @@@@ (137 model only). Do not clean up flammable liquids. If foam forms, stop work immediately and empty the container. The filter element will be wet after liquids have been cleaned up. @@ For this reason, make sure that the filter is dry. @@@@ - Unscrew cage "H" and turn the filter upside down.

@ (12) - Mount the filter catch and retention ring of the old filter on to the new one. - Insert cage "H" and fix it to the filter by means of clamps "I" at the bottom of the filter itself. - Fit the filter into filter chamber. - Mount the head "D" and lock it in place with the closing clips "C". - Mount the lever "B" in position with the nut and relative washer. - Fit on the plug "A" by exercising slight pressure. - Seal inspection - Checking the condition of the hoses Make sure that connecting hose "A" is in good condition and correctly secured to the inlet.



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@@@@@14. @@Now tighten locking screws"B". Replace seal "A" - fig.

15 - if an optimum seal cannot be obtained. - Checking the seal of filter chamber If seal "A" - fig. 16 - between the container and filter chamber "C" is not secure: - loosen the four screws "B" that lock filter chamber "C" against vacuum structure. - Allow filter chamber "C" to lower down and relock screws "B" once it has reached the retention position. The seal must be replaced if it is torn, cut, etc.

Replace seal "A" if it does not secure adequately - Replacing the Hepa filter WARNING ! Do not agitate the dust when this operation is carried out. Wear a mask and other protective clothing plus protective gloves suited to the hazardous nature of the dust collected. Refer to the regulations governing the handling of hazardous materials. Replacing the upstream Hepa filter (fig. 13) Remove the plug "A", unscrew the nut underneath and remove the lever "B".

Release the hooks "C" and lift the head "D". Unscrew the knob "G" and take the nut "F" under the filter "E"; Cover the filter "E" with a plastic bag and remove it; Seal the bag, fit the new filter and close the cover. - Cleaning and replacing the separator (fig. @@@@- Replace the part if excessively worn. -

Assemble separator "D" again. - Lock it in position by screwing the two screws "C". @@@@Correct Disposal of This Product (Waste Electrical & Electronic Equipment) - Wiring diagrams See fig. 18. Wiring diagram key Abbrev. Component Code see table below 8 39525 8 39526 This marking (pos.

N - fig. 1) shown on the product or its literature, indicates that it should not be disposed of with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial waste for disposal. M1 - M2 - M3 Motor S1 - S2 - S3 H2 Motors switches Voltage indicator light - Recommended spares The following is a list of spare parts that should be kept ready to hand in order to speed up maintenance work. (fig. 19).

Recommended spare parts list (fig. 19) Pos.

1 3 4 5 6 7 Description Main filter "L" Filter ring 800 W single-phase motor 1000 W single-phase motor Filter ring seal Filter clamp HEPA filter Model 127

137 127 137 127 137 127 137 127 137 Dim. (mm) Ø 460 Ø 460 N/A Ø 460 Ø 460 Ø 460 Code number 8-17080 8-15003 8-54006 8-54002.115

8-17026 8-18079 8-17455 I GB F D E 04/2009 11 C338 127 / 137 - Troubleshooting Fault Causes Remedies Check whether power is reaching the socket

Check whether the plug and cable are in good condition Ask for assistance from an authorized manufacturer's technician Clean the filter. Replace it if this is

not sufficient Check the hose and clean it Change it for another of identical type Change it for another of suitable type and check Remove and replace the

motor carbons Check all ground connections. Particularly check the suction inlet fitting; lastly, the hose must be strictly antistatic The vacuum fails to start

No power The rpm rate of the vacuum increases Clogged main filter Clogged hose The filter is torn Inadequate filter Worn or broken carbon brushes non-

existent or inefficient grounding Dust leaks from the vacuum Noisy suction motor Electrostatic current on the vacuum - Manufacturer's assistance center See

appendix.

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