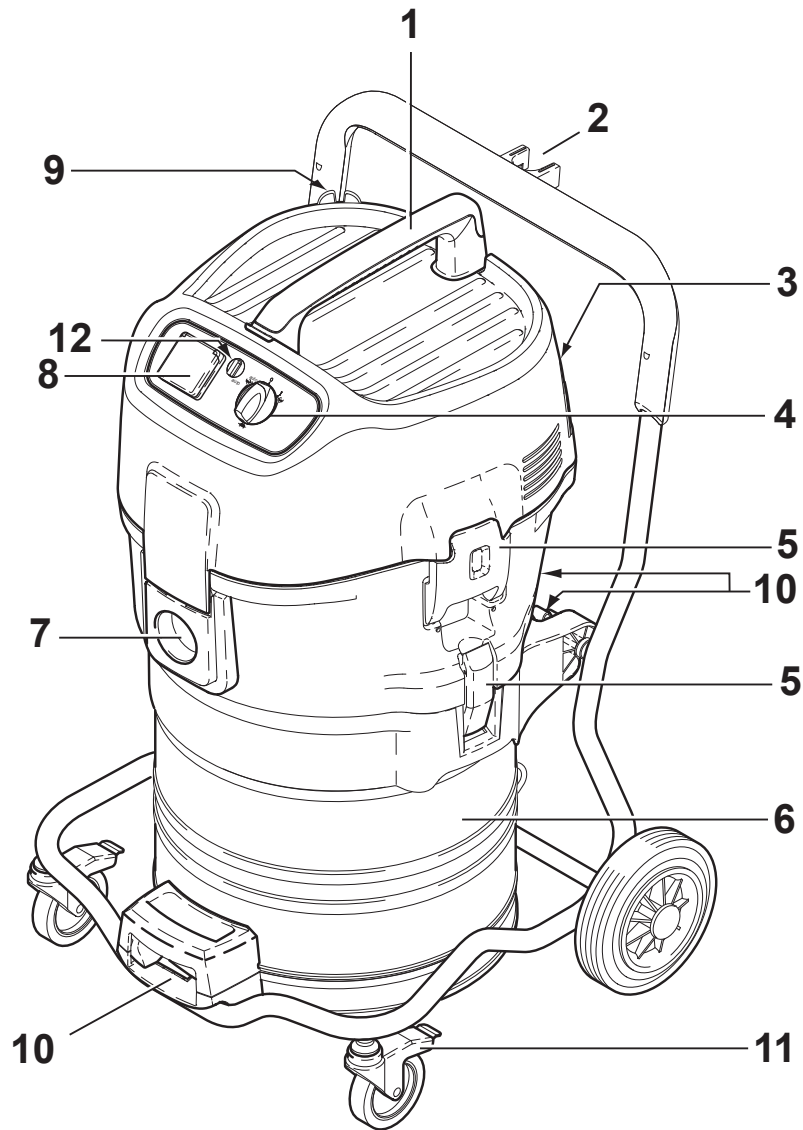



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1 IMPORTANT SAFETY INSTRUCTIONS

1.1 Symbols used to mark instructions

DANGER


 Danger that leads directly to serious or irreversible injuries, or even death.

WARNING

 Danger that can lead to serious injuries or even death.

CAUTION

 Danger that can lead to minor injuries and damage.

 Before starting up your machine for the first time, this instruction manual must be read through carefully. Save the instructions for later use.

1.2 Instructions for use

Besides the operating instructions and the binding accident prevention regulations valid in the country of use, observe recognised regulations for safety and proper use.

1.3 Purpose and intended use

This machine is designed for industrial use, such as e.g. plants, construction sites and workshops. This machine is also intended for commercial use, for example in hotels, schools, hospitals, factories, shops, offices and rental businesses. Accidents due to misuse can only be prevented by those using the machine.

Any other use is considered as improper use. The manufacturer accepts no liability for any damage resulting from such use. The risk for such use is borne solely by the user. Proper use also includes proper operation, servicing and repairs as specified by the manufacturer.

The air flow in Safety Vacuum systems has to be strictly controlled to achieve a minimum flow rate of $V_{\min} = 20 \text{ m/s}$ in the suction hose.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

For **Dust Class H** machines (with type designation -0H, -2H) following applies:

The appliance is suitable for picking up dry, nonflammable dust, non flammable liquids, hazardous dusts with OEL¹⁾ values, carcinogenic dusts, dusts containing germs.

Dust Class H machines (with type designation -0H PC) are also approved for asbestos abatement according to TRGS 519.



Dust Class H (IEC 60335-2-69). The dusts which belong to this class are: dusts with OEL values¹⁾, all carcinogenic dusts and dusts which are mixed with pathogenic agents. Vacuums for Dust Class H are tested in their entirety and have a maximum degree of permeability of 0.005%. The disposal must be dust free.

The safety label on the machine warns:

This appliance contains dust hazardous to health. Emptying and maintenance operations, including removal of the dust collecting means, must only be carried out by authorised personnel wearing suitable personal protection. Operate only after the full filtration system has been fitted and checked.

For dust extractors, ensure adequate air change rate L, when the exhaust air is returned to the room. Observe national regulations before use.

For **Dust Class M** machines (with type designation -2M) following applies:

The appliance is suitable for picking up dry, nonflammable dust, non flammable liquids, sawdust and

hazardous dusts with OEL¹⁾ values > 0.1 mg/m³



Dust Class M (IEC 60335-2-69). The dusts which belong to this class are: dusts with OEL values¹⁾ > 0.1 mg/m³ as well as saw dust. The machine is tested in its entirety by vacuums for this dust class. The maximum degree of permeability is 0.1% and the disposal must be low dust.

For dust extractors, ensure adequate air change rate L, when the exhaust air is returned to the room. Observe national regulations before use.

1.4 Important warnings

WARNING

- To reduce the risk of fire, electric shock, or injury, please read and follow all safety instructions and caution markings before use. This vacuum cleaner is designed to be safe when used for cleaning functions as specified. Should damage occur to electrical or mechanical parts, the cleaner and / or accessory should be repaired by a competent service station or the manufacturer before use in order to avoid further damage to the machine or physical injury to the user.
- Children shall be supervised to make sure that they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
- Outdoor use of the appliance shall be limited to occasional use.
- This machine shall only be stored indoors.
- Do not leave the machine when it is plugged in. Unplug from the socket when not in use and before maintenance.
- Do not use with damaged cord or plug. To unplug grasp the plug, not the cord. Do not handle plug or cleaner with wet hands. Turn off all controls before unplugging.
- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run cleaner over cord. Keep cord away from heated surfaces.
- Keep hair, loose clothing, fingers and all parts of the body away from openings and moving parts. Do not put any objects into openings or use with opening blocked. Keep openings free of dust, lint, hair, and anything else that could reduce the flow of air.
- Do not use in outside areas at low temperature.
- Do not use to pick up flammable or combustible liquids such as

gasoline, or use in areas where they may be present.

- Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.
- Use extra care when cleaning on stairs.
- Do not use unless filters are fitted.
- If the cleaner is not working properly or has been dropped, damaged, left outdoors, or dropped into water, return it to a service center or dealer.
- Operators shall be adequately instructed on the use of these machines.
- The machine may not be used as a water pump. The machine is intended for vacuuming air and water mixture.
- Connect the machine to a properly earthed mains supply. The socket outlet and the extension cable must have an operative protective conductor.
- Provide for good ventilation at the working place.
- Do not use the machine as a ladder or step ladder. The machine can tip over and become damaged. Danger of injury.
- Only use the socket outlet on the machine for purposes specified in the Instructions.
- If foam or liquid escapes from the machine, switch off immediately.

1.5 Double-insulated appliances*)

CAUTION

- Use only as described in this manual and only with the manufacturer's recommended attachments.
- BEFORE YOU PLUG IN YOUR CLEANER, check the rating plate at the cleaner to see if the rated voltage agrees within 10% of the voltage available.
- This appliance is provided with double insulation. Use only identical replacement parts. See instructions for servicing double insulated appliances.
- Clean the water level limiting device regularly and examine it for signs of damage.

In a double-insulated appliance, two systems of insulation are provided instead of grounding. No grounding means is provided on a double-insulated appliance, nor should a mean for grounding be added to the appliance. Servicing a double-insulated appliance requires extreme care and knowledge of the system, and should be done only by qualified service personnel. Replacement parts for a double-insulated appliance must be identical to the parts they replace. A double insulated appliance is marked with the words "DOUBLE INSULATION" or "DOUBLE INSULATED." The symbol (square within a square) may also be used on the product.

The machine is equipped with a specially designed cord which if damaged, must be replaced by a cord of the same type. This is available at authorised service centres and dealers and must be installed by trained personnel.

Only applicable to UK.

Please read these essential instructions

These instructions have been prepared with safety and efficiency paramount.

The machine operator must be trained by a suitably qualified instructor and must understand these instructions for use, and be made aware of any relevant regulations and legislation in force at the time of use.

CAUTION

DOUBLE-INSULATED MACHINES - IMPORTANT:

This 240 volt 50 Hz. machine is fitted with a 13 amp. 3 pin moulded plug. The plug is fitted with a 13 amp. detachable fuse. The correct replacement for the fuse is identified by marking or colour coding. Only fuses that are ASTA approved to BS 1362 should be fitted. Never use the plug without the fuse cover fitted. Replacement fuse covers are available at any electrical retail outlet.

If the available socket outlet is not suitable for the plug supplied, the plug must be cut off and an appropriate plug fitted. The plug thus cut off **MUST BE DESTROYED** for safety reasons before being disposed of.

Machines built for other voltages and frequencies are not normally supplied with a fitted plug.

If it is necessary to fit a plug, the wires in this power supply cord are coloured in accordance with the following code:

Blue-neutral brown-live

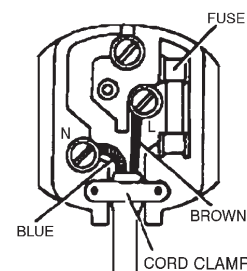
TO CONNECT THE NEW PLUG:

If using a three-pin plug, do not make any connection to the terminal in the plug which is marked with the letter 'E' or by the safety earth symbol or coloured green or green & yellow.

The blue wire must be connected to the terminal in the plug which is marked with the letter 'N' or is coloured black or blue.

The brown wire which must be connected to the terminal in the plug which is marked with the letter 'L' or is coloured red or brown.

If the plug to be fitted does not conform to the above notation then consult a qualified electrician.



1.6 Electrical connection

WARNING

- The upper section of the machine contains live components. Contact with live components leads to serious or even fatal injuries. Never spray water on to the upper section of the machine.
- The vacuum cleaner must not be used if the electrical cable or plug show any sign of damage. Regularly inspect the cable and the plug for damage. If this becomes damaged, it should be repaired only by Nilfisk or an authorised Nilfisk Service Dealer, in order to avoid a hazard.
- Do not handle the electrical cable or plug with wet hands.

- Do not unplug by pulling on cable. To unplug, grasp the plug, not the cable. The plug must always be removed from the socket outlet before starting any service or repair work of the machine or the cable.
- In no circumstances should the power supply cord be wrapped around fingers or any part of the operators person.
- It is recommended that the machine should be connected via a residual current circuit breaker.
- Arrange the electrical parts (sockets, plugs and couplings) and lay down the extension lead so that the protection class is maintained.
- Connectors and couplings of power supply cords and extension leads must be watertight.

Extension lead

- As an extension lead, only use the version specified by the manufacturer or one of a higher quality.
- When using an extension lead, check the minimum cross-sections of the cable:

| Cable length | Cross section | |
|--------------|---------------------|---------------------|
| | < 16 A | < 25 A |
| up to 20 m | 1.5 mm ² | 2.5 mm ² |
| 20 to 50 m | 2.5 mm ² | 4.0 mm ² |


1.7 Hazardous materials 

WARNING

Vacuuming up hazardous materials can lead to serious or even fatal injuries.

The following materials must not be picked up by the machine:

- hot materials (burning cigarettes, hot ash, etc.)
- flammable, explosive, aggressive liquids (e.g. petrol, solvents, acids, alkalis, etc.)
- flammable, explosive dust (e.g. magnesium or aluminium dust, etc.)

 Using the appliance for asbestos abatement work according to German regulation TRGS 519. To pick up materials containing asbestos:



- Dust Class H machines (with type designation -0H PC) can be used for picking up asbestos.
- Use a suction hose with a maximum diameter of 36 mm.

Use the closable plastic sack to ensure dust-free transport of the appliance and contaminated parts (hose, hand pipe, nozzles, etc.). Once the asbestos appliance has been used in an exclusion area as defined in TRGS 519, it should no longer be used in so-called “white” areas. Exceptions are only permitted if the asbestos cleaner has previously been completely decontaminated by a specialist as specified in TRGS 519

No. 2.7 (e.g. not only the outer case but also, for example, the cooling air rooms, the installation rooms for electrical supplies, the supplies themselves, etc.). A written report must be made by a specialist and signed by him.

When picking up materials containing asbestos the exhaust air must not be returned into the room. Use the exhaust air socket and a hose with a length of maximum 4 m and a nominal diameter of minimum 50 mm.

1.8 Maintenance

Remove the plug from the socket before performing maintenance. Before using the machine make sure that the frequency and voltage shown on the rating plate correspond with the mains voltage.

The machine is designed for continuous heavy work. Depending on the number of running hours – the dust filter should be renewed. Keep the machine clean with a dry cloth, and a small amount of spray polish.

During maintenance and cleaning, handle the machine in such a manner that there is no danger for maintenance staff or other persons.

In the maintenance area

- Use filtered compulsory ventilation
- Wear protective clothing
- Clean the maintenance area so that no harmful substances get into the surroundings.

1.9 Regular servicing and inspection

Regular servicing and inspection of your machine must be carried out by suitably qualified personnel in accordance with relevant legislation and regulations. In particular, electrical tests for earth continuity, insulation resistance, and condition of the flexible cord should be checked frequently.

In the event of any defect, the machine **MUST** be withdrawn from service, completely checked and repaired by an authorized service technician.

At least once a year, a Nilfisk technician or an instructed person must perform a technical inspection including filters, air tightness and control mechanisms.

Appliances in Dust Class H must have their filtration efficiency checked once a year. The result must be presented upon request. If the efficiency of the filter does not fulfil the requirements for Dust Class H, the filter must be replaced.

For details of after sales service contact your dealer or Nilfisk service representative responsible for your country. See reverse of this document.

2.0 Warranty

Our general conditions of business are applicable with regard to the guarantee.

Unauthorised modifications to the appliance, the use of incorrect brushes in addition to using the appliance in a way other than for the intended purpose exempt the manufacturer from any liability for the resulting damage.



Equipment marked with the crossed-out wheeled bin symbol indicates that used electrical and electronic equipment should not be discarded together with unseparated household waste. To avoid negative effects on human health and the environment the equipment must be collected separately at the designated collection points.

Users of electrical and electronic household equipment must use the municipal collection schemes. Please note that commercially used electrical and electronic equipment, shall not be disposed of via municipal collection schemes. We will be pleased to inform you about suitable disposal options.

2 Description

2.1 Operating elements

- | | |
|---|----------------------------|
| 1 Handle | 7 Inlet fitting |
| 2 Suction pipe support | 8 Appliance socket*) |
| 3 Accessory holder | 9 Cable hook |
| 4 Appliance switch with suction power control*) | 10 Tank locks |
| 5 Retaining clamp | 11 Castor with brake |
| 6 Dirt tank | 12 Hose diameter setting*) |

3 Before start-up

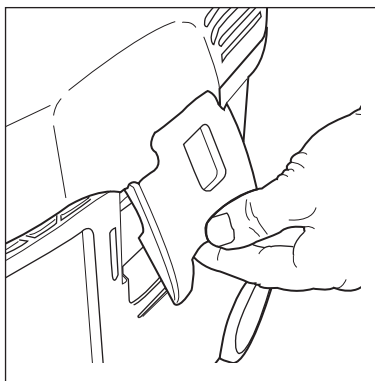
3.1 Assembling the cleaner

CAUTION!

On delivery some of the accessories are lying in the tank and must be removed before the vacuum cleaner is used for the first time.

Remove the upper section of the vacuum cleaner:

The mains plug should not be inserted into a socket.



1. Open the retaining clamps and lift off the upper section of the cleaner.
2. Take the accessories out of the dirt tank and the packaging.
3. To pick up dust with maximum room concentration values:
Insert the filter bag into the dirt tank according to the instructions (instructions included).
To pick up harmless dust:
Insert the disposal bag (instructions included) into the tank.
IMPORTANT: Press the filter bag connection firmly on to the inlet fitting.
4. Fit the upper section of the vacuum cleaner and close the retaining clamps.
NOTE: Ensure that the retaining clamps fit properly.

*) Option depending on model
Original instruction

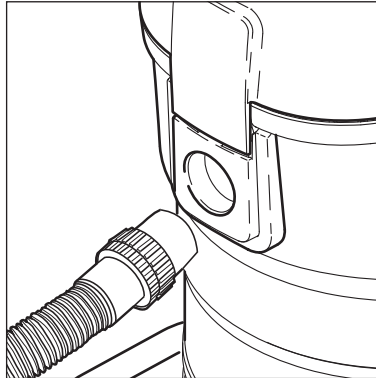
4 Operation

4.1 Connections

4.1.1 Connecting the suction hose

CAUTION!

To pick up materials containing asbestos:
Use only the vacuum cleaner ATTIX 751-0H with a suction hose with a diameter of 36 mm.



1. Connect the suction hose.

ATTIX 751-2M, ATTIX 761-2MXC, ATTIX 761-2HXC:

The suction hose diameter must suit the position of the switch in order to pick up dry, nonflammable dust with maximum room concentration values.

4.1.2 Electrical connection

The operating voltage shown on the rating plate must correspond to the voltage of the mains power supply.

1. **Ensure that the vacuum cleaner is switched off.**
2. Insert the power cord into a properly installed and fused socket with an earthing contact.

4.1.3 Connecting electrical appliances*)

To comply with regulations, only approved dust producing tools should be connected.
The maximum power consumption of the connected power tool is stated in section 9.1 "Technical data".

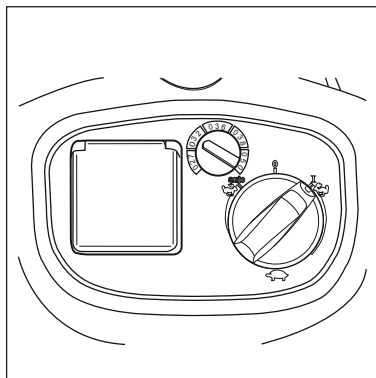
1. **Ensure that the electrical appliance is switched off.**
2. Connect the electrical appliance to the appliance socket on the control panel.

4.2 Switching on the vacuum cleaner

4.2.1 Switch position "I"

The hose diameter and the setting for the suction hose diameter must be the same.

| Hose \varnothing | Hose diameter setting |
|--------------------|-----------------------|
| $\varnothing 27$ | $\varnothing 27$ |
| $\varnothing 32$ | $\varnothing 32$ |
| $\varnothing 36$ | $\varnothing 36$ |
| $\varnothing 38$ | $\varnothing 38$ |
| $\varnothing 50$ | $\varnothing 50$ |

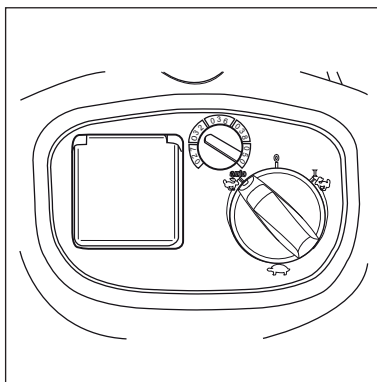


1. Turn the switch to position „I“.
The vacuum cleaner motor starts.

4.2.2 Switch position „auto“^(**)

The hose diameter and the setting for the suction hose diameter must be the same.

| Hose ∅ | Hose diameter setting |
|-----------|--------------------------|
| ∅27 | ∅27 |
| ∅32 | ∅32 |
| ∅36 | ∅36 |
| ∅38 | ∅38 |
| ∅50 | ∅50 |



Before switching the switch to position „auto“, ensure that the tool connected to the appliance socket is switched off.

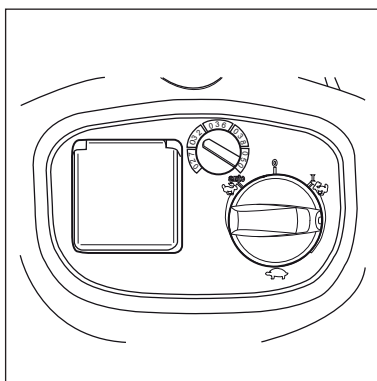
1. Turn the switch to position „auto“. The vacuum cleaner motor starts when the connected appliance is switched on.
2. When the power tool is switched off the vacuum cleaner continues to run for a short moment so that any dust in the suction hose is conveyed to the safety filter bag.

CAUTION:

To pick up asbestos or material containing asbestos:

1. Use ATTIX 751-0H only.
2. Use a suction hose with a diameter of 36 mm.
3. Use switch position “I”.

4.2.3 Suction power control^(*)



The motor speed and the suction power can be varied with the suction power control. This allows precise adaptation of the suction power for different cleaning tasks.

4.3 Check volume flow monitor

Before picking up dust with maximum room concentration values:

1. Check that all the filters are present and properly fitted.
2. When the motor is running, hold the suction hose shut. An acoustic warning sounds after approx. 1 second.

4.4 Acoustic warning

For safety reasons, an acoustic warning sounds if the air speed in the suction hose drops to below 20 m/s. See section “Troubleshooting”.

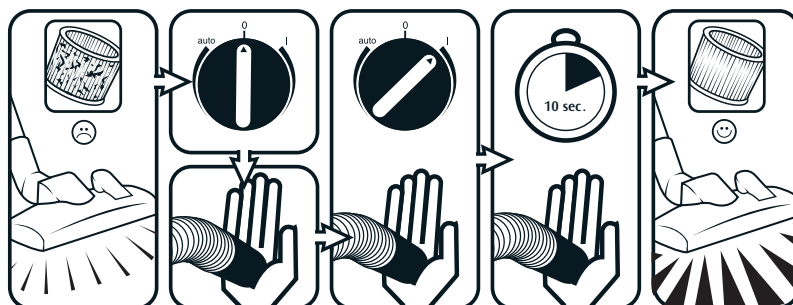
^{*}) Option depending on model
Original instruction

4.5 Cleaning the filter element (ATTIX 761-2MXC / ATTIX 761-2HXC only)

To ensure that suction performance is always at its best, the filter element is automatically cleaned during operation. We recommend complete cleaning if the filter element becomes extremely dirty.

NOTE:

If the acoustic signal sounds again after repeated cleaning, replace the filter element (see section 7.2.4).



Only after picking up harmless dust using the waste bag.

1. Switch off the vacuum cleaner
2. Close the nozzles or suction hose opening with the palm of your hand.

3. Turn the switch to position „I“ and let the cleaner operate for approx. 10 seconds with the suction hose opening closed.

5 Applications and techniques

5.1 Techniques

If used correctly, additional accessories, suction nozzles and suction hoses can enhance the cleaning action and reduce the cleaning effort.

Effective cleaning is achieved if you follow just a few guidelines in combination with your own practical experience in special fields. Here are some basic tips.

5.1.1 Picking up dry substances

CAUTION:
Do not pick up flammable substances.

The suction hose diameter must suit the position of the switch in order to pick up dry, nonflammable dust with maximum room concentration values.

There must always be a safety filter bag in the tank before dry substances with maximum room concentration values are picked up. See section 9.2 “Accessories” for ordering number.

To pick up harmless dust we recommend the use of a waste

bag. See section 9.2 “Accessories” for ordering number. Disposal of the picked up material is then simple and hygienic.

After picking up liquids, the filter element is wet. A damp filter element clogs more quickly when dry substances are picked up. For this reason the filter element should be washed and dried or replaced by a dry element before dry substances are picked up.

Always use a filter bag/waste bag that is suitable for the type of dust.

5.1.2 Picking up liquids

CAUTION:
Do not pick up flammable substances.

The use of a separate filter element or filter screen is recommended.



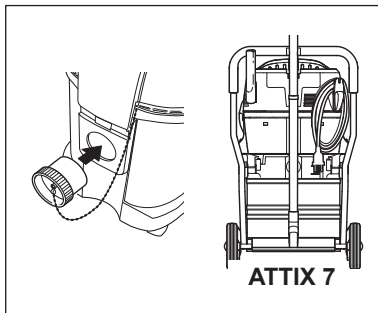
Before liquids are picked up, always remove the filter bag/waste bag and check that the float (ATTIX 751-2M) or the water level limit (ATTIX 761-2MXC / ATTIX 761-2HXC) works properly. (See section 7.2.3 and 7.2.4 "Replacing the filter element".)

If foam appears, stop work immediately and empty the tank.

To reduce the amount of foam, use foam killer Nilfisk Foam Stop (see section 9.2 „Accessories“ for order number).

6 After finishing work

6.1 Switching the vacuum cleaner off and storage



1. After picking up hazardous dust, vacuum clean the outside of the cleaner.
2. Switch off the vacuum cleaner and pull the mains plug out of the socket.
3. Remove the suction hose from the vacuum cleaner and close the inlet fitting with the plug.
4. Wind up the power cord and hang it on the handle.
5. Empty the tank and clean the vacuum cleaner.
6. After picking up liquids: Store the upper section of the cleaner separately so that the filter element can dry.
7. Store the vacuum cleaner in a dry room where it is protected from unauthorized use.

6.2 Transport

Before transporting the machine, close all the latches. Close the inlet with the inlet cap. Do not tilt the machine if there are liquids in the dirt tank. Do not use a crane hook to lift the machine. Do not lift the machine by the trolley handle.

7 Maintenance

7.1 Maintenance plan

| | | After finishing work | As required |
|-------|--|----------------------|-------------|
| 7.2.1 | Replacing the waste bag | | ● |
| 7.2.2 | Replacing the safety filter bag | | ● |
| 7.2.3 | Replacing filter element „H“ (ATTIX 751-0H / ATTIX 751-2M) | | ● |
| 7.2.4 | Replacing filter element (ATTIX 761-2HXC / ATTIX 761-2MXC) | | ● |
| 7.2.5 | Emptying dirt tank | ● | |

*) Option depending on model
Original instruction

7.2 Maintenance work
7.2.1 Replacing the waste bag

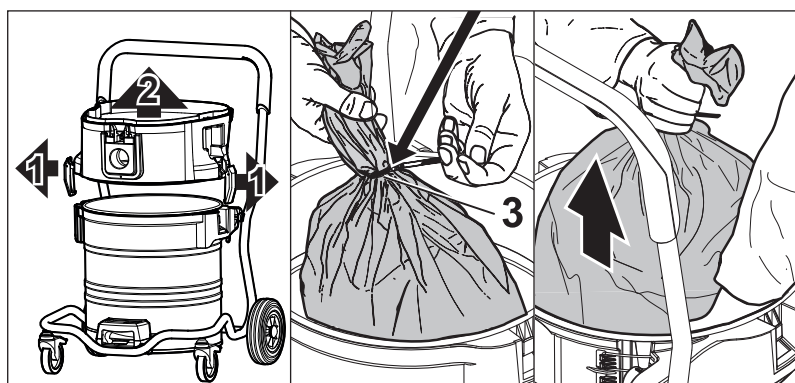
Only after picking up harmless dust.

CAUTION!

When using ATTIX 761-2MXC / ATTIX 761-2HXC clean them thoroughly before replacing the waste bag - see sections 4.5.

DANGER!

During the following work, ensure that dust is not unnecessarily spread around. Wear a P2 breathing mask.



ATTIX 751-0H / 761-2HXC - ATTIX 751-2M / 761-2MXC:

1. Remove the upper section of cleaner from the dirt tank.
2. Open the retaining clamps (1) and remove the intermediate ring (2) from the tank.
3. Close the waste bag using the cable binder (3).
4. Dispose of the dirt in accordance with legal regulations.
5. Insert a new filter bag into the cleaned tank as described in the instructions enclosed.

IMPORTANT: Press the filter bag connection firmly on to the inlet fitting.

7.2.2 Replacing the safety filter bag

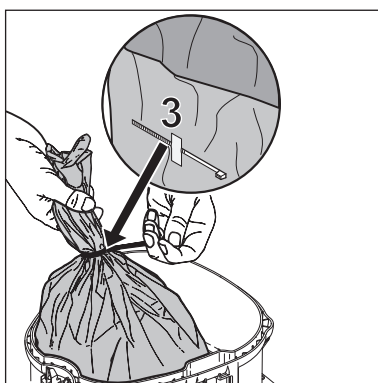
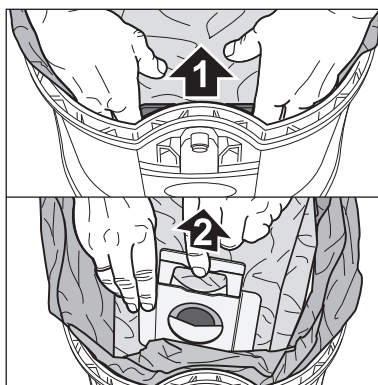
During the following work, ensure that dust is not unnecessarily spread around. Wear a P2 breathing mask.

CAUTION:

In the case of asbestos abatement wear additional single-use clothing.

IMPORTANT:

Press the filter bag connection on the inlet fitting as far as possible.



1. Clean the filter element (see 4.5).
2. Switch off the vacuum cleaner and wait approx. 5 minutes so that the dust can settle in the tank.
3. Open the retaining clamps and remove the upper section of the cleaner from the dirt tank.
4. Remove the filter bag connection (1) from the inlet fitting.
5. Close the safety filter bag connection (2) with the slide.
6. Remove the plastic sleeve from the tank rim and close it using a cable binder (3).
7. Remove the safety filter bag from the tank and dispose of it in accordance with legal regulations.
8. Insert a new safety filter bag into the tank according to the instructions (in the filter bag packaging).

7.2.3 Replacing filter element „H“ (ATTIX 751-0H)

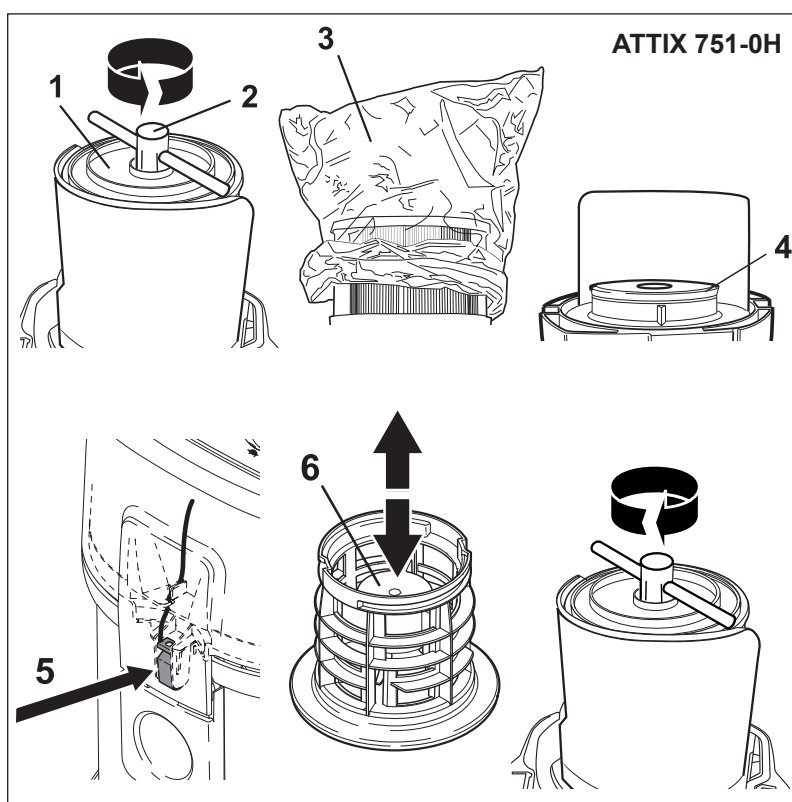
DANGER!

During the following work, ensure that dust is not unnecessarily spread around. Wear a P2 breathing mask.

CAUTION!

In the case of asbestos abatement wear additional single-use clothing.

1. Clean the filter element.
2. Switch off the vacuum cleaner



- and wait approx. 5 minutes so that the dust can settle in the tank.
3. Open the retaining clamps and remove the upper section of the cleaner from the dirt tank. Lay the upper section of the cleaner down with the filter element facing upwards.
4. Using the enclosed tool (2), turn the filter holder (1) anticlockwise and remove it.
5. Place the protective filter bag over the filter element (3).
6. Carefully remove the filter element and close the protective filter bag with a knot.
7. Clean the filter seal (4). Check it for damage and replace if necessary.
8. Check the antistatic clamp (5) for damage and have it replaced by Nilfisk Service if necessary.
9. Fit a new filter element.
10. Check that the float (6) works properly. When the filter holder is turned, the float inside must move about easily.
11. Using the enclosed tool, attach the filter holder and turn it clockwise to lock it.
12. Dispose of the used filter element in accordance with legal regulations.

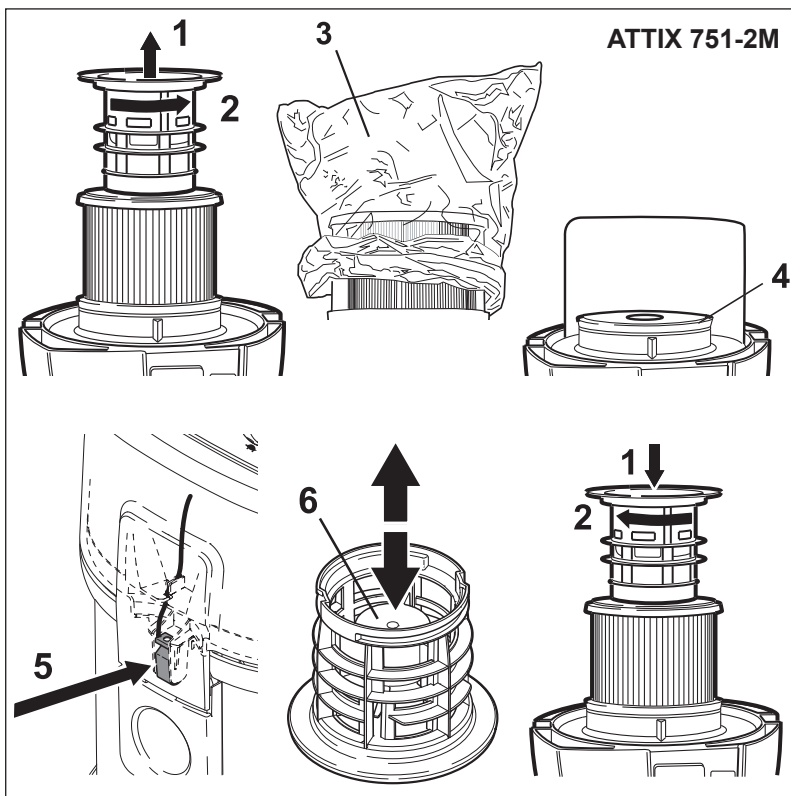
7.2.3 Replacing filter element (ATTIX 751-2M)

DANGER!

During the following work, ensure that dust is not unnecessarily spread around. Wear a P2 breathing mask.

1. Open the retaining clamps and remove the upper section of the cleaner from the dirt tank. Lay the upper section of the cleaner down with the filter element facing upwards.
2. Turn the filter holder anticlockwise (1) and remove it (2).
3. Place the protective filter bag*) over the filter element (3).
4. Carefully remove the filter element and close the protective filter bag with a knot.
5. Clean the filter seal (4). Check it for damage and replace it if necessary.
6. Check the antistatic clamp (5) for damage and have it

*) Option depending on model
Original instruction



- replaced by Nilfisk Service if necessary.
- 7. Fit a new filter element.
- 8. Check that the float (6) works properly. When the filter holder is turned, the float inside must move about easily.
- 9. Fit the filter holder and turn it clockwise to secure it firmly.
- 10. Dispose of the used filter element in accordance with legal regulations.

7.2.4 Replacing filter element „H“ (ATTIX 761-2HXC)

DANGER!

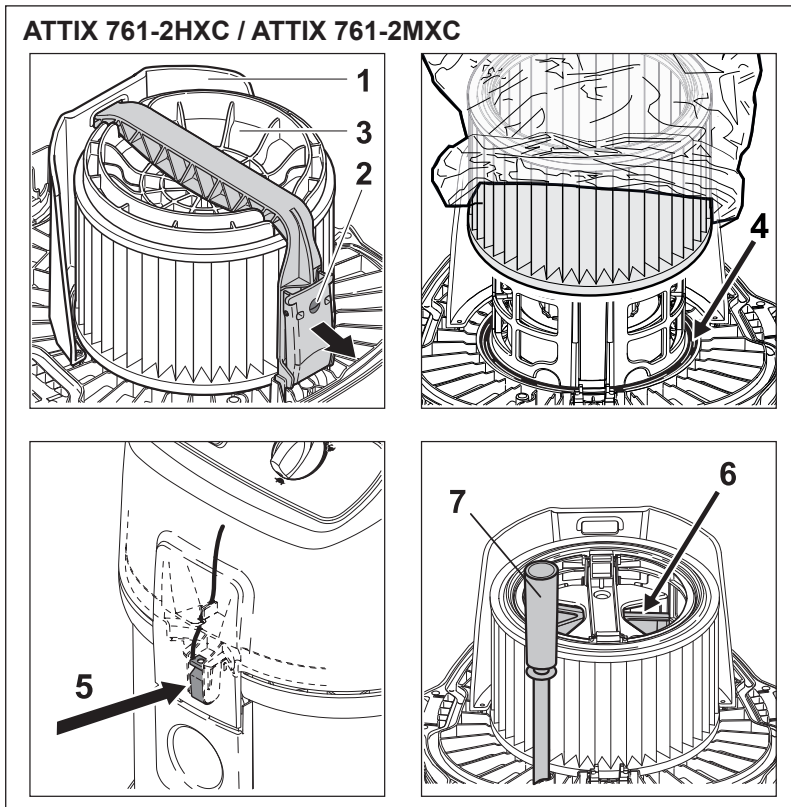
During the following work, ensure that dust is not unnecessarily spread around. Wear a P2 breathing mask.

CAUTION:

In the case of asbestos abatement wear additional single-use clothing.

- 1. Remove the upper section of cleaner from the dirt tank.

Lay the upper section of the cleaner down with the filter element facing upwards. Do not place the upper section of the cleaner on the guard (1) and do not damage the filter element.



- 2. Unscrew the screw (2), open the bar handle and remove it.
- 3. Remove the filter holder (3).
- 4. Place the protective filter bag over the filter element.
- 5. Carefully remove the filter element and close the protective filter bag with a knot.
- 6. Clean the filter seal (4). Check it for damage and replace it if necessary.
- 7. Check the antistatic clamp (5) for damage and have it replaced by Nilfisk Service if necessary.
- 8. Check that the control flap (6) for filter cleaning works properly. The control flap should move back and forwards easily.
- 9. Clean the level hose (7).
- 10. Fit a new filter element.
- 11. Fit the filter holder. Ensure that it is in the correct position.
- 12. Fit bar and close bar handle.
- 13. Dispose of the used filter element in accordance with legal regulations.

7.2.4 Replacing filter element (ATTIX 761-2MXC)

DANGER!

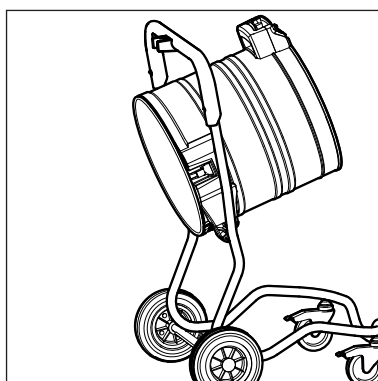
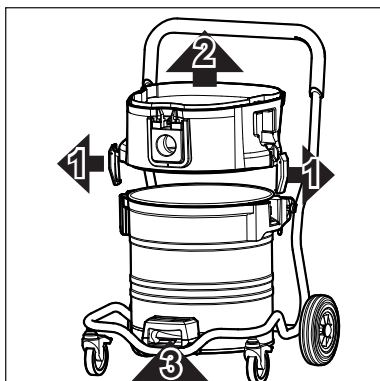
During the following work, ensure that dust is not unnecessarily spread around. Wear a P2 breathing mask.

1. Open the retaining clamps and remove the upper section of the cleaner from the dirt tank. Lay the upper section of the cleaner down with the filter element facing upwards. Do not place the upper section of the cleaner on the guard (1) and do not

2. Open the bar handle (2) and remove it.
3. Remove the filter holder (3).
4. Place the protective filter bag *) over the filter element.
5. Carefully remove the filter element and close the protective filter bag with a knot.
6. Clean the filter seal (4). Check it for damage and replace it if necessary.
7. Check the antistatic clamp (5) for damage and have it replaced by Nilfisk Service if necessary.
8. Check that the control flap

- (6) for filter cleaning works properly. The control flap should move back and forwards easily.
9. Clean the level hose (7).
10. Fit a new filter element.
11. Fit the filter holder. Ensure that it is in the correct position.
12. Fit bar and close bar handle.
13. Dispose of the used filter element in accordance with legal regulations.

7.2.5 Emptying the dirt tank



1. Remove the upper section of cleaner from the dirt tank.
2. Open the retaining clamps (1) and remove the intermediate ring (2) from the tank.
3. Pull the lever in the handle (3) upwards and tilt the tank.
4. Tip out the collected dirt.
5. Dispose of the dirt in accordance with legal regulations.

or:

3. Open the tank locks (4).
4. Use the handles (5) to lift the tank out of the frame.
5. Tip out the collected dirt.
6. Place the empty tank in the frame and close the locks (4).
7. Dispose of the dirt in accordance with legal regulations.

DANGER!

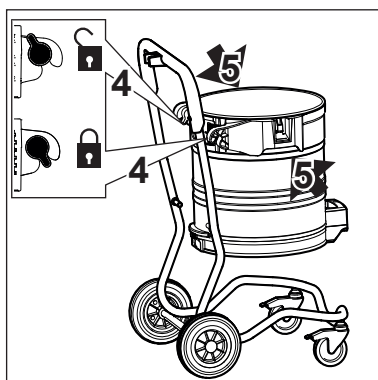
Only after picking up harmless dust without a filter bag.

CAUTION!

To empty the dirt tank after picking up liquids: remove the intermediate ring as a proper seal is only ensured during suction.

After emptying the tank: clean the rim of the tank and the seals in the intermediate ring and the upper section of cleaner before refitting them.

If the seal or groove is dirty or damaged, the suction performance will be reduced.



Before reinserting the suction hose: clean the inlet fitting and hose collar.

*) Option depending on model
Original instruction

EN 8 Troubleshooting

| Fault | Cause | Remedy |
|--|--|--|
| ‡ Motor does not start | <ul style="list-style-type: none"> > Fuse of the mains socket has blown. > Overload protection switch has tripped. > Self-acting carbon brush is worn. | <ul style="list-style-type: none"> • Connect mains fuse. • Switch off the vacuum cleaner and allow it to cool for approx. 5 minutes. If the cleaner cannot be started again, contact the Nilfisk service department. • Have carbon brushes changed by Nilfisk Service. |
| ‡ Motor does not run in automatic mode | <ul style="list-style-type: none"> > Power tool is defective or not connected properly. > The power rating of the electrical tool is too low. | <ul style="list-style-type: none"> • Check that the power tool works or that the plug is inserted correctly. • Note that minimum power rating is P>40W |
| ‡ The acoustic warning sounds. (Reduced suction power) | <ul style="list-style-type: none"> > Suction power selected with suction power control is too low. > Hose diameter is not right for switch position. > Clogged suction hose/nozzle. > The safety filter bag is full. > Filter element is clogged. > ATTIX 761-2HXC - ATTIX 761-2MXC only: Defective cleaning mechanism | <ul style="list-style-type: none"> • Set suction power in accordance with section 4.2.3. „Setting suction power“. • Set correct switch position for hose diameter. • Clean suction hose/nozzle • See section 7.2.2 „Replacing filter bag“. • See section 4.5 „Cleaning filter element“ and 7.2.3 „Replacing filter element“. • Contact Nilfisk Service |
| ‡ No suction power during wet cleaning | <ul style="list-style-type: none"> > Tank is full. (Float does not close the suction opening). | <ul style="list-style-type: none"> • Switch off the cleaner. Empty the tank. |
| ‡ The vacuum cleaner switches off during wet cleaning | <ul style="list-style-type: none"> > Tank is full. | <ul style="list-style-type: none"> • Switch off the cleaner. Empty the tank. |
| ‡ Voltage fluctuations | <ul style="list-style-type: none"> > Impedance of power supply is too high. | <ul style="list-style-type: none"> • Connect the cleaner to another socket closer to the fuse box. Voltage fluctuations over 7% should not occur if the impedance at the transfer point is $\leq 0.15 \Omega$. |

9 Further information



9.1 Technical data

| | | ATTIX | | | | |
|--|-----------------------------------|-------------|----|----------|--------|----------|
| | | 751-0H | | 761-2HXC | 751-2M | 761-2MXC |
| | | EU | DK | EU | EU | EU |
| Voltage | V | 220-240 | | | | |
| Mains frequency | Hz | 50/60 | | | | |
| Fuse | A | 16 | 10 | 16 | 16 | 16 |
| Power consumption | W | 1200 | | | | |
| Connected load for appliance socket | W | - | | 2400 | 2400 | 2400 |
| Total connection value | W | - | | 3600 | 3600 | 3600 |
| Maximum flow rate | m ³ /h (litres/sec) | 216 (60) | | | | |
| Maximum underpressure | hPa | 230 | | | | |
| Sound pressure level L _{PA} (IEC 60335-2-69) | dB(A) | 65 ± 2 | | | | |
| Working Sound Level | dB(A) | 57 ± 2 | | | | |
| Vibration ISO 5349 a _h | m/s ² | ≤ 2,5 | | | | |
| Protection class | | I | | | | |
| Protection grade (moist, dust) | | IP X4 | | | | |
| Weight | kg | 25 | | 27 | 25 | 27 |

Specifications and details are subject to change without prior notice.

| Suction hose diameter mm | Minimum air flow volume | | Associated negative pressure between suction hose/tool | |
|-----------------------------|-------------------------|--------------|---|-------|
| | m ³ /h | (litres/min) | hPa | Pa |
| 27 | 41 | 690 | 163 | 16300 |
| 32 | 58 | 970 | 157 | 15700 |
| 36 | 73 | 1220 | 142 | 14200 |
| 38 | 82 | 1360 | 139 | 13900 |
| 50 | 141 | 2360 | 78 | 7800 |

9.2 Accessories

| Description | Order No. | | | |
|---------------------------------|-----------|-----------|-----------|-----------|
| | 751-0H | 761-2HXC | 751-2M | 761-2MXC |
| Safety filter bag (5 pcs.) | 302001486 | | | - |
| Filter bag (5 pcs.) | - | | 302002892 | |
| Waste bag (5 pcs.) | 302001480 | | | |
| Filter element | 302000658 | 107400564 | 302000490 | 107400562 |
| Protective filter bag (10 pcs.) | 30082 | - | 30082 | - |
| Filter screen | 15475 | 302002885 | 15475 | 302002885 |
| Cloth insert filter | - | - | 302000525 | |
| Nilfisk-Foam-Stop (6 x 1 l) | 8469 | | | |

*) Option depending on model
Original instruction

Declaration of Conformity

Prohlášení o shodě
Konformitätserklärung
Overensstemmelseserklæring
Declaración de conformidad
Vastavusdeklaratsioon
Déclaration de conformité
Vaatimustenmukaisuusvakuutus

Декларация за съответствие

Δήλωση συμμόρφωσης
Megfelelősségi nyilatkozat
Izjava o skladnosti
Dichiarazione di conformità
Atitikties deklaracija
Atbilstības deklarācija
Samsvarserklæring
Conformiteitsverklaring

Declaração de conformidade

Deklaracja zgodności
Declaratie de conformitate
Декларация о соответствии
Försäkran om överensstämmelse
Vyhlásenie o zhode
Izjava o skladnosti
Uygunluk beyanı

Manufacturer / Výrobce / Hersteller / Fabrikant /
Fabricante / Κατασκευαστής / Gyártó / Proizvođač /
Fabbricante / Gamintojas / Ražotājs / Producers /
Fabrikant / Fabricante / Producent / Producător /
производитель / Tillverkaren / Výrobca / Proizvajalec/
Üretici firma:

**Nilfisk A/S, Kornmarksvej 1
DK-2605 Broendby, DENMARK**

Product / Produkt / Producto, Toode, Produit, Tuote/
Продукт / Προϊόν / Termék / Proizvod / Prodotto /
Produktas / Produkts / Artikel / Produtos / Produis /
Izdelek / Ürün

ATTIX 751-0H, ATTIX 761-2M XC

Description / Popis / Beschreibung / Beskrivelse /
Descripción / Kirjeldus / La description / Kuvaus /
Описание / Περιγραφή / Leirás / Opis / Descrizione /
Aprašymas / Apraksts / Beschrijving / Descrição /
Descriere / Beskrivning / Popis / Açıklama

**VAC - Commercial - Wet/Dry
220-240V 50-60Hz, IPX4**

EN

We, Nilfisk hereby declare under our sole responsibility, that the above-mentioned product(s) is/are in conformity with the following directives and standards.

LT

Mes, „Nilfisk“, prisiimdami visišką atsakomybę pareiškiame, kad pirmiau minėtas produktas (-ai) atitinka šias direktyvas ir standartus

CS

My, Nilfisk prohlašujeme na svou výlučnou odpovědnost, že výše uvedený výrobek je ve shodě s následujícími směrnici a normami.

LV

Mēs, Nilfisk, ar pilnu atbildību apliecinām, ka iepriekšminētais produkts atbilst šādām direktīvām un standartiem

DE

Wir, Nilfisk erklären in alleiniger Verantwortung, dass das oben genannte Produkt den folgenden Richtlinien und Normen entspricht.

NO

Vi, Nilfisk erklærer herved under eget ansvar, at det ovennevnte produktet er i samsvar med følgende direktiver og standarder

DA

Vi, Nilfisk erklærer hermed under eget ansvar at ovennævnte produkt(er) er i overensstemmelse med følgende direktiver og standarder.

NL

We verklaren Nilfisk hierbij op eigen verantwoordelijkheid, dat het bovengenoemde product voldoet aan de volgende richtlijnen en normen

ES

Nosotros, Nilfisk declaramos bajo nuestra única responsabilidad que el producto antes mencionado está en conformidad con las siguientes directivas y normas

PT

Nós, a Nilfisk declaramos, sob nossa exclusiva responsabilidade, que o produto acima mencionado está em conformidade com as diretrizes e normas a seguir

ET

Meie, Nilfisk Käesolevaga kinnitame ja kanname ainuisikulist vastutust, et eespool nimetatud toode on kooskõlas järgmiste direktiivide ja

PL

My, Nilfisk Niniejszym oświadczamy z pełną odpowiedzialnością, że wyżej wymieniony produkt jest zgodny z następującymi dyrektywami i normami..



Nilfisk déclare sous notre seule responsabilité que le produit mentionné ci-dessus est conforme aux directives et normes suivantes.



Noi, Nilfisk Prin prezenta declarăm pe propria răspundere, că produsul mai sus menționat este în conformitate cu următoarele standarde și directive



Me, Nilfisk täten vakuutamme omalla vastuulla, että edellä mainittu tuote on yhdenmukainen seuraavien direktiivien ja standardien mukaisesti



Мы, Nilfisk настоящим заявляем под нашу полную ответственность, что вышеперечисленные продукция соответствует следующими директивам и стандартам.



Ние, Nilfisk С настоящото декларираме на своя лична отговорност, че посочените по-горе продуктът е в съответствие със следните директиви и стандарти.



Vi Nilfisk förklarar härmed under eget ansvar att ovan nämnda produkt överensstämmer med följande direktiv och normer.



Εμείς, Nilfisk δηλώνουμε με αποκλειστική μας ευθύνη, ότι το προαναφερόμενο προϊόν συμμορφώνεται με τις ακόλουθες οδηγίες και πρότυπα.



My, Nilfisk prehlasujeme na svoju výlučnú zodpovednosť, že vyššie uvedený výrobok je v zhode s nasledujúcimi smernicami a normami.



Mi, Nilfisk Kijelentjük, egyedüli felelősséggel, hogy a fent említett termék megfelel az alábbi irányelveknek és szabványoknak



Mi, Nilfisk izjavljamo s polno odgovornostjo, da je zgoraj omenjeni izdelek v skladu z naslednjimi smernicami in standardi.



Mi, Nilfisk Izjavljujemo pod punom odgovornošću, da gore navedeni proizvod u skladu sa sljedećim direktivama i standardima.



Nilfisk, burada yer alan tüm sorumluluklarımıza göre, yukarıda belirtilen ürünün aşağıdaki direktifler ve standartlara uygun olduğunu beyan ederiz.



Noi, Nilfisk dichiara sotto la propria responsabilità, che il prodotto di cui sopra è conforme alle seguenti direttive e norme.

| | |
|------------|---|
| 2006/42/EC | EN 60335-1:2012+A11:2014+A13:2017 EN 60335-2-69:2012 |
| 2014/30/EU | EN 55014-1:2017+A11:2020 EN 55014-2:2015 EN 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A1:2019 |
| 2011/65/EU | EN 63000:2018 |

Authorized signatory:

Pierre Mikaelsson, Executive Vice President, Global Products & Services, Nilfisk NLT

Sep 24, 2021



UK Declaration of Conformity

We,
Nilfisk Ltd
Nilfisk House, Bowerbank Way Gilwilly Industrial Estate
Penrith Cumbria
CA11 9BQ UK

Hereby declare under our sole responsibility that the

Products: VAC - Commercial - Wet/Dry
Description: 220-240V, 110-120V 50-60Hz, IPX4
Type: ATTIX 751-01, 751-11, 751-21, 761-21 XC, 791-21

Are in compliance with the following standards:

EN 60335-1:2012+A11:2014+A13:2017
EN 60335-2-69:2012
EN 55014-1:2017+A11:2020
EN 55014-2:2015
EN 61000-3-2:2014
EN 61000-3-3:2013
EN 63000:2018

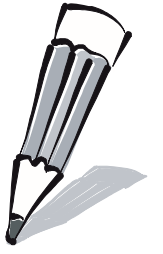
Following the provisions of:

Supply of Machinery (Safety) Regulations 2008/1597
Electromagnetic Compatibility Regulations 2016/1091
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment
Regulations 2012/3032

Penrith, 20-1-2021

A handwritten signature in black ink, appearing to read 'Stewart Dennett', written over a horizontal line.

Stewart Dennett
GM/MD





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