

# **Puzer AINO**

# **USER MANUAL**



**Read this instruction before using the vacuum cleaner!**

**Keep the instructions near the vacuum cleaner for later use!**

## Vacuum cleaner parts



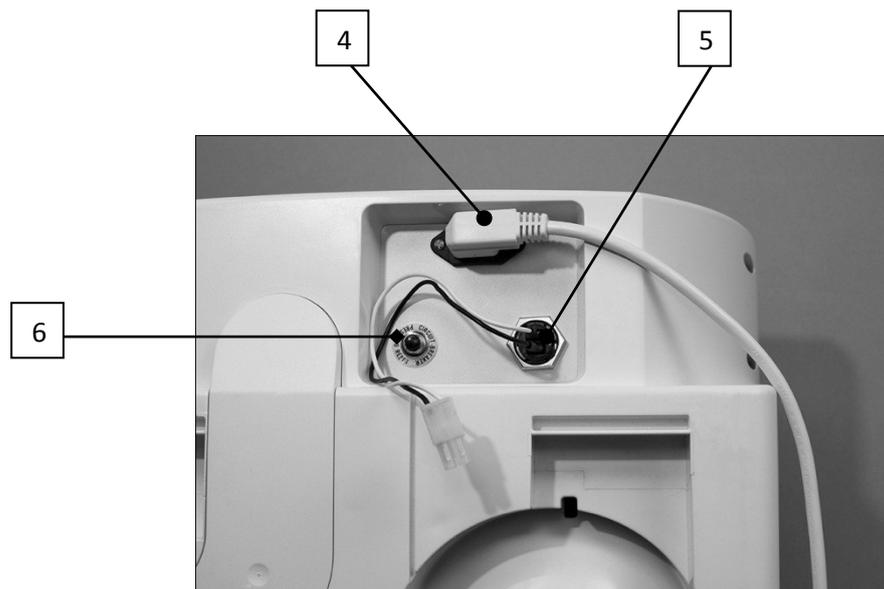
1

2

3

### Part numbers

1. Wall inlet
2. Display panel
3. Dustbag container's lid
4. Power cord
5. Low voltage current cable
6. Auto fuse



4

5

6

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## Important safety information

ATTENTION! Read all safety instructions and warning texts before using the appliance.

Follow the instructions carefully.
This central vacuum cleaner is for dry vacuuming only. Do not vacuum liquids with it.
Vacuuming construction dust, plaster dust or ashes without the pre-separator is strictly prohibited. Never vacuum <u>hot ashes</u> .
Do not vacuum near smoke, incandescent coals or fire.
Do not vacuum in spaces that might have easily flammable liquids or gases in them.
Always unplug the power cord when changing the dust bag or servicing the appliance. If possible, the plug should only be used with a socket located in a visible place.
While unplugging, take a good grip of the plug, never pull on the cord.
The main fuse must be rated 10A.
Minimum dimensions for installation space 50 x 57 x 77 cm (width x depth x height).
Room temperature in the installation space should not be less than 10°C.
Do not vacuum sharp objects, such as pieces of glass or needles, as they might get stuck in the pipes.
Always use the nozzle when vacuuming. This prevents large particles from getting into the pipes.
Never cover the central unit.
Maintenance may only be performed by professionals. Use only spare parts and appliances recommended by the manufacturer. Never try to alter the vacuum cleaner yourself.
Never use the central vacuum cleaner with a faulty power cable. A faulty power cord should only be replaced with an approved power cord purchased from service providers or retailers.
Do not vacuum without a dust bag. The dust bag also functions as the air filter for the motor.
Dustbags are disposable.
Only use original dust bags. The wrong type of bag might break because of the powerful negative pressure.
Always remove the hose from the wall inlet after vacuuming.

## Installing the central vacuum cleaner

### Installing the wall bracket

There is a wall bracket overlay in the pipe package for aligning the suction pipes and mounting screws. The wall bracket will be mounted on four points. For brick or plasterboard walls, attachments specially made for these types of walls should be used. For surface fitting and retrofits, readymade surface installation brackets 10029 (accessory) are handy to use. A frame for the wall bracket might be built from timber, for example. Do not forget to connect the cord to the low voltage current cable's coupling C, picture 1, before attaching the frame to the wall.

Required width of the space 50

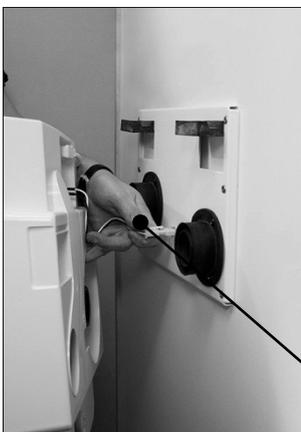
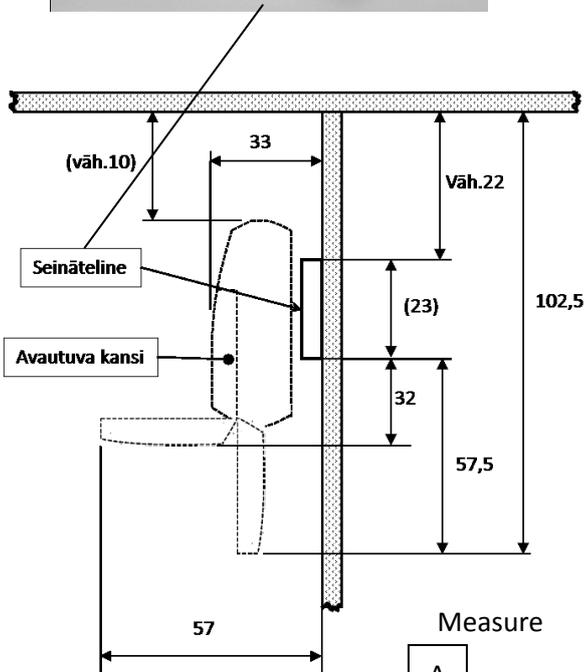
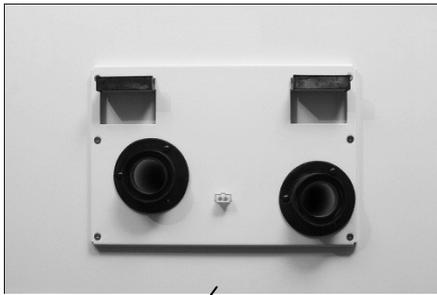
### Mounting the central unit on the wall bracket

No tools are required when mounting the central unit on the wall bracket.

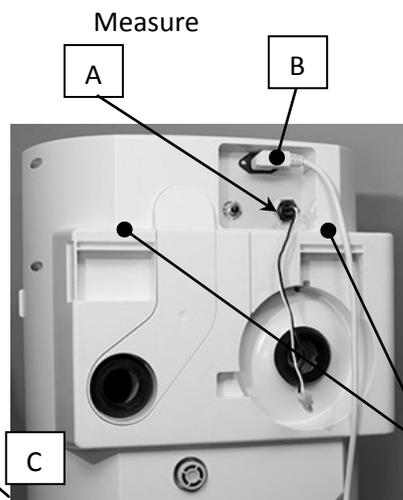
First, plug both the low voltage current cable's power couplings into socket A. Be careful when aligning the couplings with the socket. Power cable B is plugged in its own separate socket.

Hold the central unit so that you are able to attach the low current power cable's other end to the wall mount's socket C, picture 1.

The central unit is mounted on the wall mount's hooks so that it is in a 20° angle to begin with, as shown in picture 3. Hooks are located on the frame, stage D, picture 2. Ensure that the central unit's suction and vent outlet's sealing strips are firmly attached to the wall mount's sealing groove. In other words, ensure that the central unit is aligned with the wall mount as shown in picture 4. When the central unit's power cable has been plugged into the socket, the system is ready for use.



Picture 1



Picture 2



Picture 3



Picture 4

## System operating principle

The Puzer central vacuum cleaner is easy to use. The central vacuum cleaner is designed for vacuuming normal room dust and debris. Vacuuming instructions can be found on the next page.

- **Handle start hose:**

The hose is attached to either to the wall inlet or the inlet on the central unit so that the guide in the muff is pushed between the wall inlet guides. This way, the central unit switches on and off using the switch on the hose. **DO NOT CLOSE** the wall inlet immediately after removing the hose, (see "Vacuuming instructions, finishing vacuuming")



- **Wall inlet start hose**

The hose is attached to either to the wall inlet or the inlet on the central unit so that the guide in the muff is pushed between the wall inlet guides. The central unit switches on when the hose is plugged into the inlet and switches off when the hose is removed. **DO NOT CLOSE** the wall inlet immediately after removing the hose, (see "Vacuuming instructions, finishing vacuuming")



- **Sweep slot**

The sweep slot is used for sweeping the rubbish from the floor (see safety instructions regarding materials that may be vacuumed). The slot's lever switches the unit on and off. The sweep slot is opened and closed by foot.



- **Pre-separator**

**Vacuuming construction and plaster dust or ash or similar extremely fine matter without the pre-separator is strictly prohibited.**

Additionally, moist or waste that is otherwise different from room dust must be vacuumed with the pre-separator installed. Do not vacuum liquids, even when the pre-separator is installed. Use only the PUZER pre-separator 10059 (accessory) for Puzer systems.



## Vacuuming instructions

### Hose

**ATTENTION!** Do not stretch the hose (the hose must reach the furthest point when lying loosely on the floor), except when using the stretchy kitchen hose. The handle start hose in particular does not tolerate stretching because it might harm the low voltage cable inside it.

### Telescopic wand

Adjust the telescopic wand to a suitable length. Locking is done using the movable latch. **Nozzles**

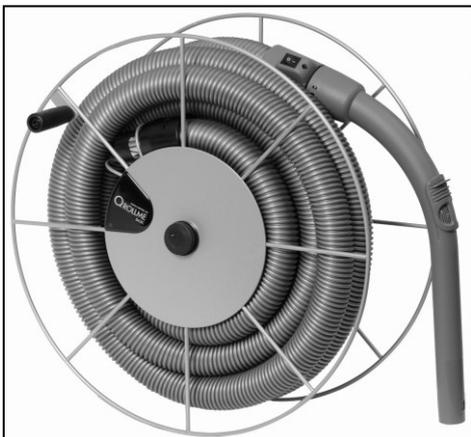
Choose a suitable nozzle for each surface. Cleaning the nozzles regularly is recommended. Plastic nozzles with or without brush may be cleaned with water and mild detergent. Nozzles with metal parts may not be drenched; they must be either vacuumed or wiped clean.

### Ending the vacuuming

When finishing vacuuming with a wall inlet start hose, do not close the wall inlet immediately instead let the suction end before closing it. This will ensure that the vacuum cleaner will clean the suction pipe due to coasting. Do not remove the handle start hose in haste either, nor close the inlet lid before the suction has run out.

### Storing the hose

Hose must be wound up gently in a coil and it must be stored on a wall rack, as in picture 5. The maximum recommended installation height for the rack is approximately 160 cm from the floor. The most useful way of storing the hose from a usage perspective, is to store it on the hose reel, as in picture 6. This enables easy unravelling.

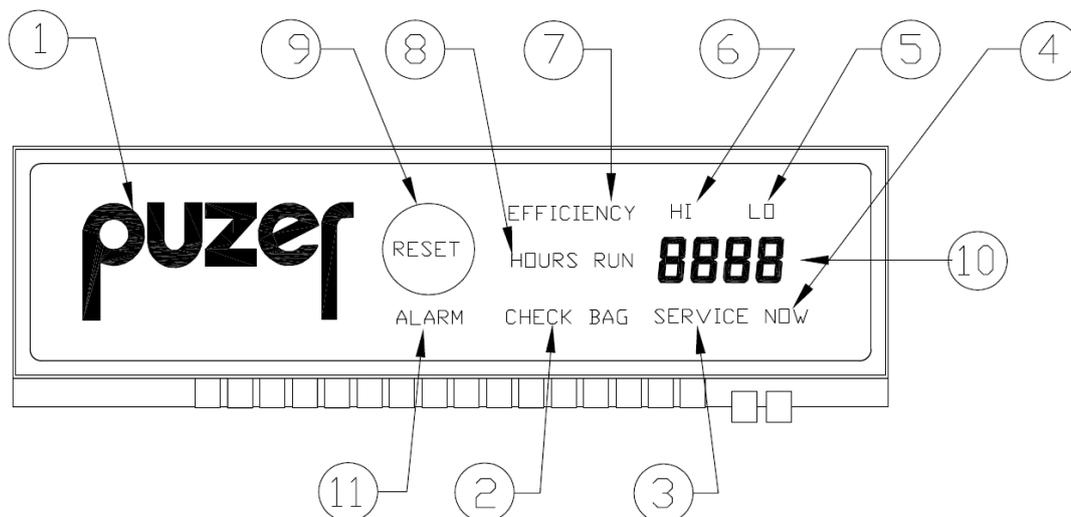


Picture 6  
Hosereel  
10083  
(accessory)

Picture 5  
Wall  
bracket  
10057



## Display panel



### Display icons and properties

Icons do not activate the functions; they refer to the function associated with them, which can be either a changing number or a text.

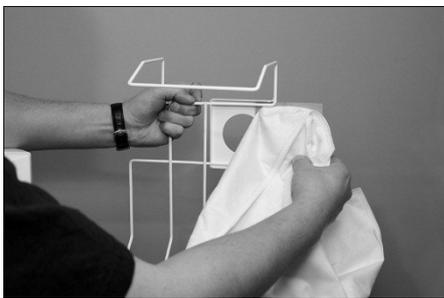
1. Puzer-icon.
2. CHECK BAG: Lights up when the vacuum cleaner has been in use for 15 hours. Check how full the bag is. To reset it, press RESET for about 5 - 10 seconds while the motor is NOT running.
3. SERVICE: Lights up when the vacuum cleaner has been in use for approximately 400 hours. Clean the motor's primary filter, see page 8. Check the condition of the system visually.
4. NOW: Lights up when vacuum cleaner has been in use for approximately 500 hours. This does not require any maintenance. Check the condition of the system visually.
5. To reset "SERVICE NOW" press RESET for more than 10 seconds while the motor IS running.
6. LO: The dust bag is full and needs changing. The display automatically returns to HI-status after changing the bag.
7. HI: The dust bag is empty / partially full.
8. EFFICIENCY icon (fill level of the dust bag) refers to HI/LO status.
9. HOURS RUN refers to the usage hours.
10. RESET: Touch the screen to reset the timer of the dust bag or maintenance.
11. Total vacuum time indicator in hours.
12. ALARM: The icon only lights up during function test mode.

Other properties:

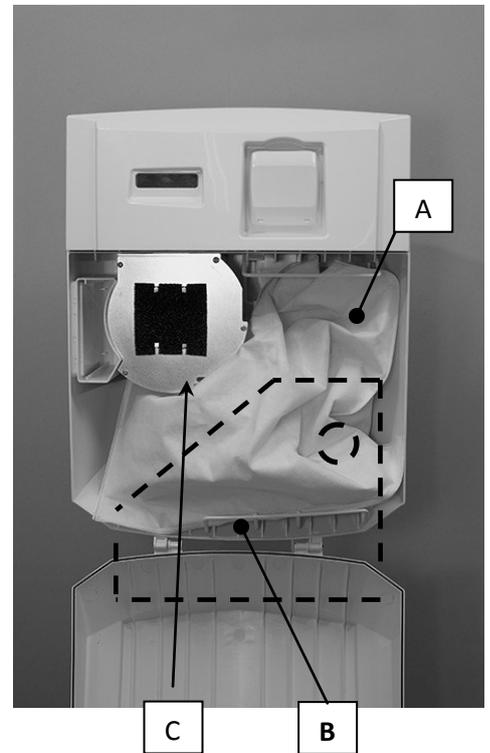
Function test. Press "RESET (9)" for approximately 1 - 5 seconds. All the LCD-display's icons light up and the motor runs on full revolutions.

### How to change the dust bag:

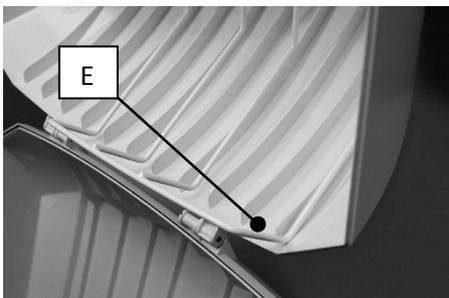
13. Pull the dust bag holder A, picture 7, directly out from the machine by taking a grip on its upper and lower handles.
14. Remove bag B from the holder.
15. Put a new bag in the holder, check the correct position for the bag in picture 7, the shape of the bag is dash lined.
16. Put the dust bag's cardboard collar into the loops in the flap on the holder. Be careful not to damage the bag at this point.



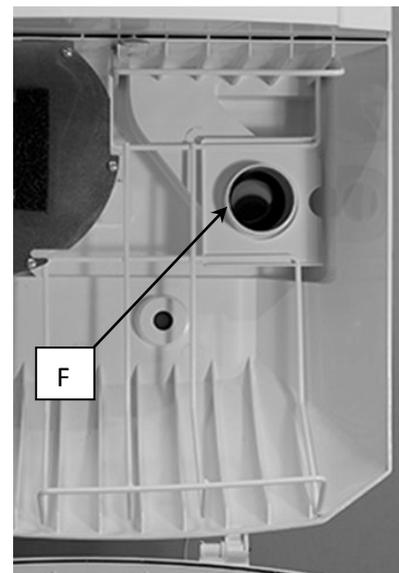
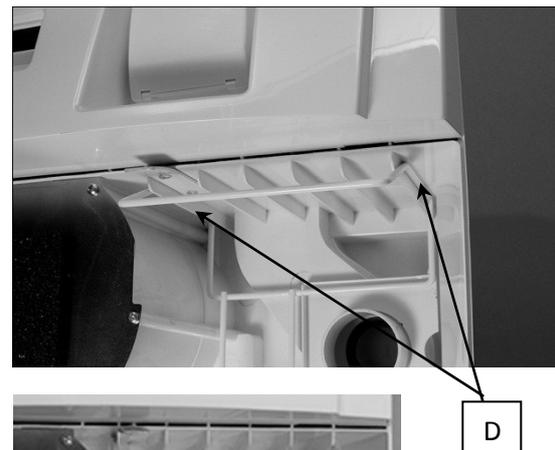
Picture 7



17. Push the holder with the dust bag in to the machine so that at the top, the holder's outermost threads D protrude from the furthest support handle, picture 8. The angle of the holder's bottom part should be aligned according stage E, picture 8a. Ensure by feeling by hand through the bag that the pipe on the frame has properly gone through the flap of the holder, stage F, picture 8b. Make sure that the lapels of the bag are not caught in the lid when closing it.



Picture 8a



Picture 8b

Holder on its place without a bag.

## **Primary filter**

The primary filter C, picture 7, functions as a safety for the vacuum cleaner's motor (do not vacuum without a dust bag). If required, the filter can be cleaned by rinsing under running water. Make sure that the filter is dry before using the vacuum cleaner again.

## TROUBLESHOOTING

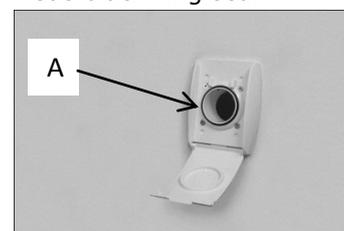
### The vacuum cleaner does not start

- Is the vacuum cleaner plugged in?
- Is there electricity in the socket?
- Are the low voltage current cable couplings properly attached to the inlet?
- Are you using the correct type of hose? Original hoses have the correct attachments.
- Does the vacuum cleaner switch on if you try from another inlet? If it does switch on the fault is with the inlet's electric interface. Remove the inlet and check the cable connections.
- The vacuum cleaner has overheating protection that might have been triggered. Wait fifteen minutes until vacuum cleaner has cooled down. If the protection is triggered again, please contact maintenance.
  - **The main fuse should be rated 10A**

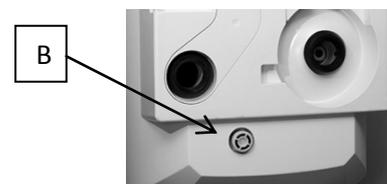
### Insufficient suction

1. Are all the apartments and central units inlets closed properly and wall inlet's black ring seal A properly attached, picture 9?
2. Is the dust bag full?
3. Is the dust bag container's lid properly closed?
4. Is the hose blocked?
5. Is something stuck in one of the inlets?
6. Is the pipe system blocked?
7. Is there a leakage in the pipe system? Attach the hose to the central unit, switch on the vacuum cleaner and block the hose with your hand. Negative pressure valve B, picture 10, should open up (makes a snappy sound and the sound of the motor gets louder). If the negative pressure valve will not open up, there is a leak in the pipe system.
8. Is the hose or nozzle blocked?

Picture 9



Picture 10



### Using reverse suction to solve issues mentioned in cases 5 and 6.

- Remove the central unit in reverse order of the installation instructions on page 4.
- Change the dust bag.

Take the vacuum cleaner to the inlet that does not suck properly. Attach the head of the hose to the inlet just as you would in a normal situation. All the other inlets need to be closed.

Use a rag or similar to seal the handle end of the hose, as in picture 11. Attach the hose to the suction side at the back of the central unit, left hole if viewing the machine from behind, picture 12.

Switch on the central unit by placing metallic tweezers or electrical wire stripped from its head or similar on the low voltage cable connectors, as shown in picture 13. The voltage is 24 V so you will not get an electric shock. Also, remember to plug in the power cable. Now you can initiate reverse suction in order to remove the blockage from the pipe system.

Picture 11



Picture 12



Picture13



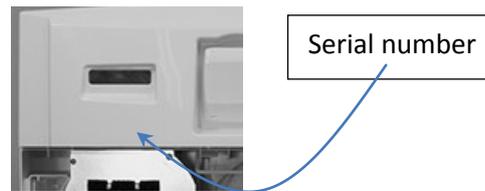
You need one person to assist you by the wall bracket, this person has to cover the hole on the right hand side for approximately 5 - 10 seconds and then let go, as in picture 14. Repeat a few times and ensure that the blockage has come loose and travelled to the dust container. You can repeat the reverse suction with all the inlets.

Picture14



## Maintenance and spare parts

When your vacuum cleaner needs maintaining or spare parts, it is useful to mention the technical details found on the serial number label. The label is located next to the cable interface. Write down the information here so it is always easily available. **Warranty repairs are always performed at the factory exclusively. If you have warranty issues, please use manufacturers warranty service as first point of contact, (09) 296 50736**



Machine type information:

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- The main fuse should be rated 10A

### ATTENTION!

**230 V ELECTRIC WORKS MAY ONLY BE UNDERTAKEN BY A QUALIFIED ELECTRICIAN WHO IS AWARE OF ELECTRICAL SAFETY REGULATIONS.**

## Technical information

Dust bag	15 L
Motor output	1550W
Max. air capacity	50 l/s
Max. negative pressure	31 kPa
Max. suction power	620W
Min. noise level	66 dB(A)
Height / Width / Depth, cm	55 / 46 / 30
Overheating protection	on
Fuse (automatic)	10A (slow)
Operating voltage / frequency	230V / 50Hz
Other features	
<ul style="list-style-type: none"> <li>• LCD display</li> <li>• Made of flameproof plastic.</li> <li>• <b>Soft start</b>, the vacuum cleaner slowly brings up revolutions when starting, this saves electricity.</li> <li>• <b>1 second</b> of coasting after switching off the power to clear up the pipe system.</li> </ul>	

### Symbol



, on the product or its package, indicates that this product is not to be managed as household waste. Instead, the product must be handed over to a suitable recycling point that handles recycling of electric and electronic appliances. By ensuring that this product is adequately disposed, you help prevent the possible effects on nature and health that might otherwise occur if this product is disposed of incorrectly. More information regarding recycling of this product may be obtained from your local municipality, household waste service or the retailer where you bought the product.

### INFORMATION

If you need planning or installing assistance, please contact the retailer or the manufacturer.

Maintenance phone number:

Tel. (09) 296 507 36

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