

## Hurricane 41 and 43

*User and service manual*



*This manual contains all the information you need for the proper use of the device. Read the manual carefully before using the device and pay attention to the warnings. Keep this manual in a secluded place. The contents of the manual can be changed without prior notice, modified and improved.*

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## 1. General information

You have acquired a high-quality industrial vacuum. We hope that it will serve you for a long time, and so we ask you to use and maintain the device properly.

In this manual, we describe the operation and maintenance procedures for the Hurricane 41 and 43 vacuums. Please read the instructions carefully before using the device to ensure that your vacuum is working correctly and is safe to use.

After you have received the device, check that the unit has not been damaged in transit, and that you have received all the accessories included in your order. If any you discover any issues or deficits, please notify the seller immediately, or within eight days at the latest.

### 1.2 Properties

The vacuum's filtration system consists of: a coarse waste emptying container, a silicone-impregnated polyester fabric filter bag, and a disposable bag for placing inside it.

**NOTE! This vacuum may only be used for vacuuming dry dust and debris.**

**NOTE! Do not use the vacuum behind a floor sander without a Teflon filter.**

### 1.3 General safety information

Please observe the following safety instructions when using your Hurricane industrial vacuum:

- Do not use the vacuum in areas where explosive or flammable gases or substances are present.
- Do not use the vacuum to suck up glowing hot or heated material (such as ash or dust).
- Always unplug the vacuum before servicing it.
- When vacuuming, be careful not to get the suction tube close to sensitive areas of the body (eyes, mouth, ears).
- Do not vacuum in the rain or under splashing water.

## 2. Using the device

Before using the vacuum, CHECK that:

- the voltage available to you is the same as that required by the vacuum.
- the electrical socket, the vacuum's power cord and the plug are intact.

**NOTE! The noise level of the Hurricane 41 industrial**

**vacuum is 63 dB(A). NOTE! The noise level of the**

**Hurricane 43 industrial vacuum is 65 dB(A).**

Turn the vacuum on using the switch next to the push bar. Make sure that the filters are placed properly in the vacuum, and that they're intact if previously used. Make sure to regularly check that the coarse debris container hasn't overflowed. When you notice the suction power in your vacuum decreasing, it's a sign that the coarse waste container or disposable dust bag is full.

### 2.1 In-service maintenance

The following sections describe maintenance procedures that should be performed frequently to ensure a long service life for your vacuum. It is a good idea to clean the accumulated debris and dirt off the vacuum from time to time.

**NOTE! Whenever you empty or service the vacuum, make sure to unplug the power cord from the electrical outlet.**



## 2.2 Emptying the debris container and changing the dust bag

It is a good idea to check the filling of the vacuum's filter unit and debris container often enough and, if necessary, to establish a sufficiently frequent emptying interval for them.

Start emptying the debris container by opening the suction cover's mounting latches and lifting the suction cover off.

Once the suction lid has been lifted off, the debris container can be lifted out and emptied of accumulated coarse debris.

Remove the support ring from the debris container; after that you can take the dust bag out and replace it with a new empty one.

## 2.3 Filter maintenance

After each use, it is a good idea to clean the accumulated dust and dirt off the vacuum and its filters, and if needed, replace the filters. We recommend checking the condition of the filter whenever you're emptying the debris container and replacing the dust bag. If the filter is damaged, replace it with a new one.

The highest suction power is achieved by using a clean filter, which also reduces the wear and tear on the vacuum. The filter can be washed in water at max 40°. Keeping the filter clean significantly extends its life.

**NOTE! Never use a filter when it's still wet or damp after washing!**

**NOTE! Never use the device without a filter in place**



## 3. Periodic maintenance and spare parts

Depending on the operating conditions, the device requires regular servicing and periodic maintenance. The frequency (sufficient extent) of maintenance should be assessed and checked until the correct maintenance interval is found.

- The service checks the condition of the device's filters and equipment and takes care of cleaning the device.
- When inspecting the filter, make sure to remove any dirt and debris that may have accumulated on the bottom of the tank.
- If the felt filter is dirty, it should be cleaned by brushing, blowing with compressed air, or washing if necessary.
- If necessary, replace the filter with a new one (if the filter is worn, broken or clogged).
- The fiber dust bag should always be replaced with a new one when the vacuum is emptied.

**NOTE! Use only high-quality original Eurovac filters and spare parts, as imitations may lead to breakage of the vacuum and void the warranty.**

Code	Description	Additional information
013036	Filter bag for Hurricane 41/42/43/2600	
013061	Dust bag for Hurricane 41/42/43/2600	
131017	HEPA filter	Optional accessory
100040	Suction cover for Hurricane 41/42/43/2600	

## **4. Troubleshooting**

### **The device does not turn on**

- check that the switch(es) is in the "1" position.
- check that the power cord is plugged in (grounded, 230 VAC)
- check 16 A fuses

### **Exhaust blow carries dust or debris out**

- the filter may be broken
- the filter is not properly in place

### **The vacuum is making a strange noise**

- the bearings are worn

### **Poor suction power**

- check the cleanliness and condition of the filter
- check whether the suction hose is blocked
- check if the motor(s) are not connected

### **The fuse gets tripped**

- check that the fuse is the right size and sufficient
- contact the manufacturer or a professional service

**The device has a 12 month warranty against material and manufacturing defects. In case of problems, contact the seller or the manufacturer.**

## 5. HEPA filter cartridge installation

The HEPA filter cartridge for Hurricane 41 and 43 vacuums is installed in the exhaust air outlet of the suction motor.

To start installing a HEPA filter, remove the current filter by turning it counterclockwise (*Figure 1*).

The protective housing of the HEPA filter cartridge is inserted into the exhaust air outlet (*Figure 2*) and tightened in place with the nuts of the hinge connector (*Figure 3*).

The HEPA filter cartridge can be replaced by unscrewing the nut on the filter cover (*Figure 4*)

and lifting the safety net off.



*Figure 1*



*Figure 2*



*Figure 3*



*Figure 4*

## 6. Standard compliance

### The device is CE approved

The delivery of the device is in accordance with the NL01 general terms and conditions, if not otherwise agreed upon in connection with the transaction. If the device does not work as expected, please contact your dealer or the device's manufacturer.

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### DECLARATION OF CONFORMITY

Suomen Imurikeskus Oy

Valtatie 23 1141

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Assures that this Eurovac

Hurricane 41 vacuum

is designed and manufactured in accordance with the  
following specifications:

Machine directive 2006/42/EY

Low voltage directive (LVD) 2014/35/EU

EMC directive 2014/30/EU

SFS-EN ISO 12100

SFS-EN 60204-1:2018

**Note!**      **The declaration of conformity is no longer valid if: modifications or additions have been made to the device without the permission of the manufacturer. non-original spare parts have been used for maintenance.**