

Eurovac 53 chip vacuum 4800



General instructions for installation, maintenance and use

Before you do anything to this equipment, please read this manual carefully!

On receipt of your device, please check for any shipping damage and that you have received the delivery as ordered. If there is any problem, please inform the seller immediately, within 8 days at the latest.

WARNING !

- Do not use the vacuum cleaner in areas where flammable gases or substances are present
- Do not vacuum liquids or hot or glowing ashes.
- Do not store flammable materials in the same room as the vacuum unit.
- Whenever the vacuum unit is serviced, the vacuum cleaner must be unplugged from the socket.
- Do not vacuum in rain or under splashing water.

Purpose

The equipment is intended for the removal of metal shavings from machine tools.
The equipment must NOT be used to vacuum material that could ignite or explode.

The equipment is CE marked.

Installation

- The device needs an electrical supply for the suction unit (U_n : 400 V, I_n : 16A f_n : 50Hz)
- The connection hose from the vacuum line is connected to the garbage connection.
- The potential of the equipment and piping shall be equalised to the PE rail.

Product description

Main parts

- Eurovac 4800
 - Center 4800 suction unit 4.8 kW
 - Rated voltage U_n : 400V, rated current I_n : 16A
 - Max. underpressure 400 mbar
- Filter unit
 - Star-filter 2 m² Tetratex
 - Filter cleaning shaker bar
 - Gravity-operated bottom flap

Placement of the vacuum

- This equipment is designed to be installed according to the customer's layout.
- Installation must take into account any site-specific requirements.
- Space must be left around the motor housing to allow for motor cooling. The minimum clearance around the motor housing is 10 cm.
- The motor of the suction unit generates heat, which must be taken into account in the overall ventilation of the room in order to avoid excessive heating of the equipment room.

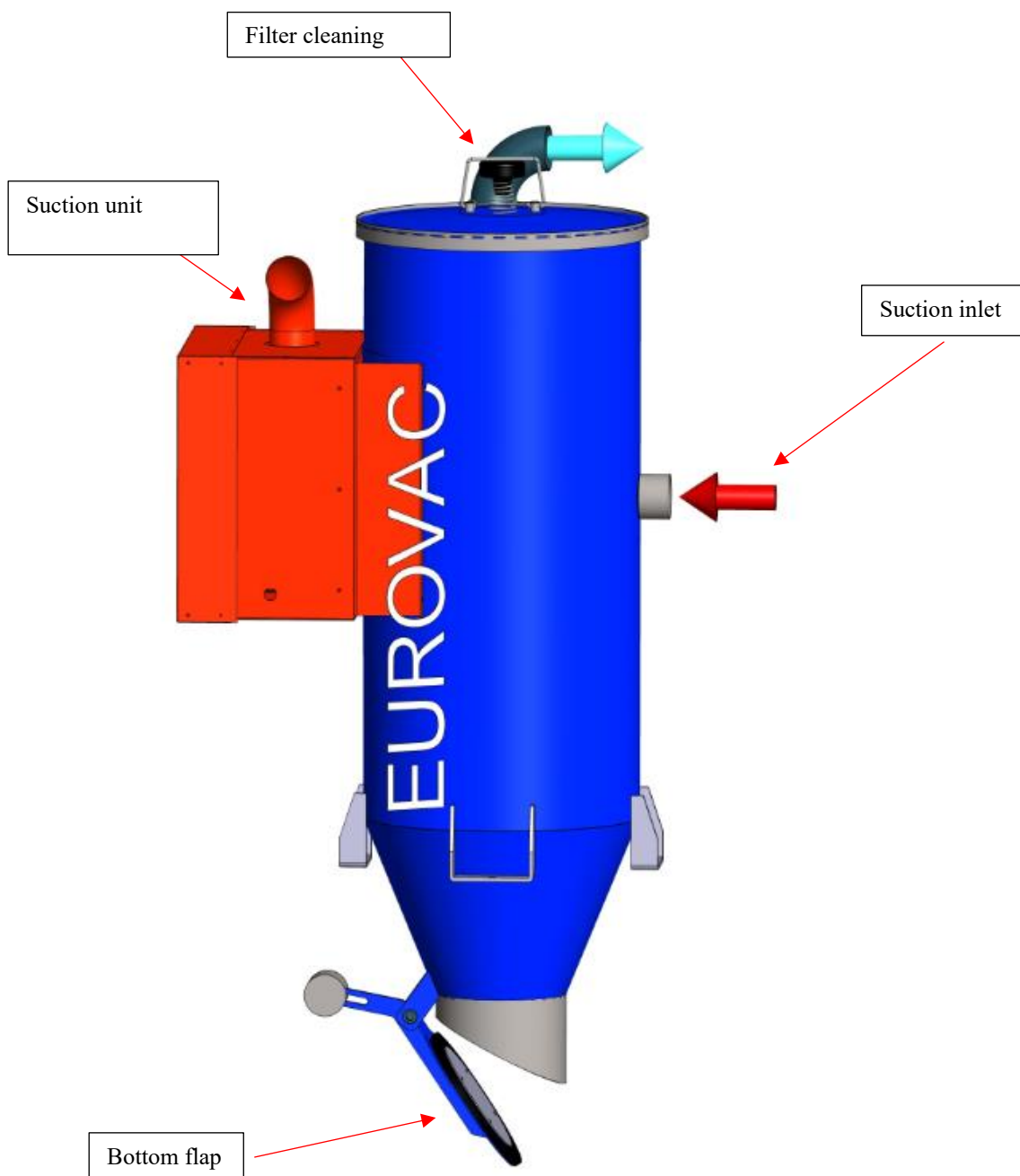
General description of the equipment

The equipment consists of a suction unit, a control centre, a filter unit.

When the vacuum cleaner is switched on, a vacuum is created in the piping system, causing the vacuumed material to flow to the filter units. The material accumulated in the filter unit is dropped by a gravity bottom valve into the customer's waste container. The bottom flap opens when the suction stops, i.e. when the unit is switched off.

The filters are cleaned manually with a shaker bar. Cleaning always takes place at the end of use.

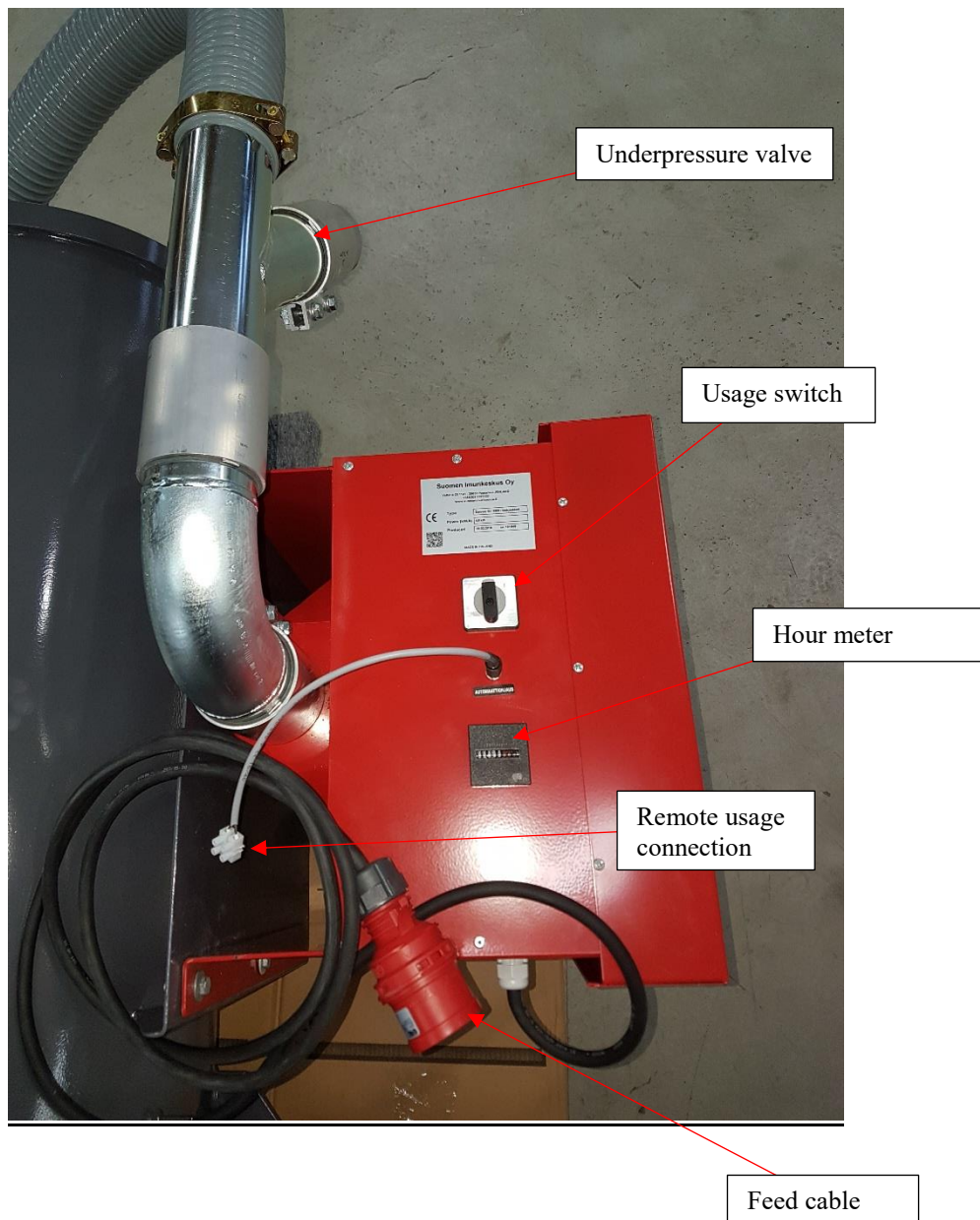
Screenshots



Use and control of the device

The equipment can be switched on and off either from the control centre or remotely.

Turning the operating switch to position 1 starts the vacuum cleaner.



Operational maintenance

When servicing the appliance, the plug of the vacuum cleaner must ALWAYS be disconnected from the socket during servicing!

Suction unit

Clean the inside of the suction unit regularly to remove any accumulated dust.

Check periodically that there is no dust coming from the fan exhaust. If dust does come from the exhaust fan, the vacuum cleaner must be switched off immediately and the condition of the filters and their attachment checked.

Filter cleaning

The filter should always be cleaned after use.

The device automatically cleans the filter in case of an electric shock. after the appliance has been switched off. The filter can also be cleaned manually by shaking the knob on the lid of the cyclone (photos). If the filter is very dirty, clean it by brushing, blowing with compressed air or washing with lukewarm water (max. 40 oC.).



NOTE! Never put a wet or damp filter in the appliance after washing!

NOTE! Always make sure that the filter is in place and correctly installed before use!

NOTE! Use the lock on the lid to lock the shaker knob after use!



Periodic maintenance

Periodic maintenance of the equipment is required, typically every six months. Depending on conditions and the number of hours of operation, the frequency of maintenance should be reviewed. Hours of use are indicated on the hour counter on the side of the suction unit. Maintenance should be checked at the time of service:

- Condition of filters, clean or replace with new ones if necessary.
- Condition and tightness of connecting hoses and pipework joints
- General cleanliness of the appliance
- Condition and operation of the bottom valve seal

Filter change

The filter in the filter unit is replaced by removing the filter unit cover. Open the locking clips on the cover to release the cover and allow the filter to be replaced. Disconnect the grounding wire (hose clamp). Ensure that the cover sealing surfaces are clean when securing the cover. Be sure to reconnect the ground wire after replacement.

Most common replacement parts

Replacement part:	Replacement part type / name:	Amount:	Code:
Suction unit	4800 motor unit	1	100262
Underpressure valve(s)	76 mm straight	1	050006
Actual filters	53 star-filter tetratex	1	013070

Troubleshooting

- Device doesn't turn on
 - check that the main switch is in position "1"
- Dust or debris coming out of the drain pipe
 - filter is damaged
- Weak suction power
 - check if the filters are clean
 - check if the pipes are clean
 - check the operation of the filter cleaning system

Warranty

Suomen Imurikeskus Oy grants a twelve (12) month warranty on the product in accordance with the terms and conditions specified herein. The warranty covers defects in equipment and workmanship. The warranty may be voided if the product is modified, changes hands or is serviced by anyone other than an authorized service facility.

TERMS OF THE WARRANTY

1. The warranty period starts from the moment the product is delivered to the customer and the seller's receipt is sufficient proof of the warranty.
 2. Even if parts are replaced during the warranty period, the product warranty period continues from that moment and does not start from the beginning.
 3. The following items are not covered by the warranty: wear parts such as bristles, motor carbons, bearings, filter.
- if the product is used without a filter in violation of the instructions for use and installation
 - the warranty does not cover unforeseen causes of motor failure such as lightning, overvoltage, etc.
 - transport, installation, maintenance, etc.
 - breakdowns and defects caused by careless use, damage in transit or other damage
 - damage caused by incorrect use and installation

Compliance with standards

The delivery of the equipment is subject to the general terms and conditions of the contract, unless otherwise agreed at the time of purchase. If the device does not work as it should, please contact the seller or the manufacturer of the device.

DECLARATION OF CONFORMITY WE

Suomen Imurikeskus Oy
Valtatie 23 1141
29630 Pomarkku

We declare that this
Eurovac 53 chip vacuum 4800
are designed and manufactured according to the following specifications:
Machinery Directive 2006/42/EC SFS-EN ISO 12100
Low Voltage Directive 2014/35/EU SFS-EN 60204-1:2018
EMC Directive 2014/30/EU

Note! **The Declaration of Conformity is no longer valid if:**
the equipment has been modified or added to without the manufacturer's consent.
The device has been tampered with or modified in any way without the prior written consent of the manufacturer.

Disabling the equipment

The equipment is dismantled and recycled according to local and national waste legislation.

Manufacturer:
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www.suomenimurikeskus.fi