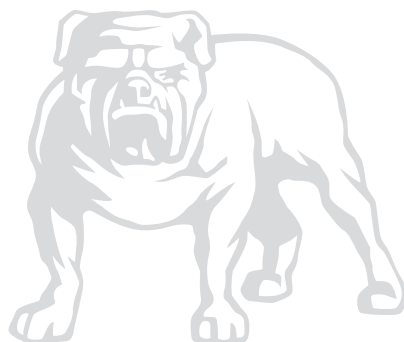


MIRKA



Mirka® Dust Extractor

1125 L PC

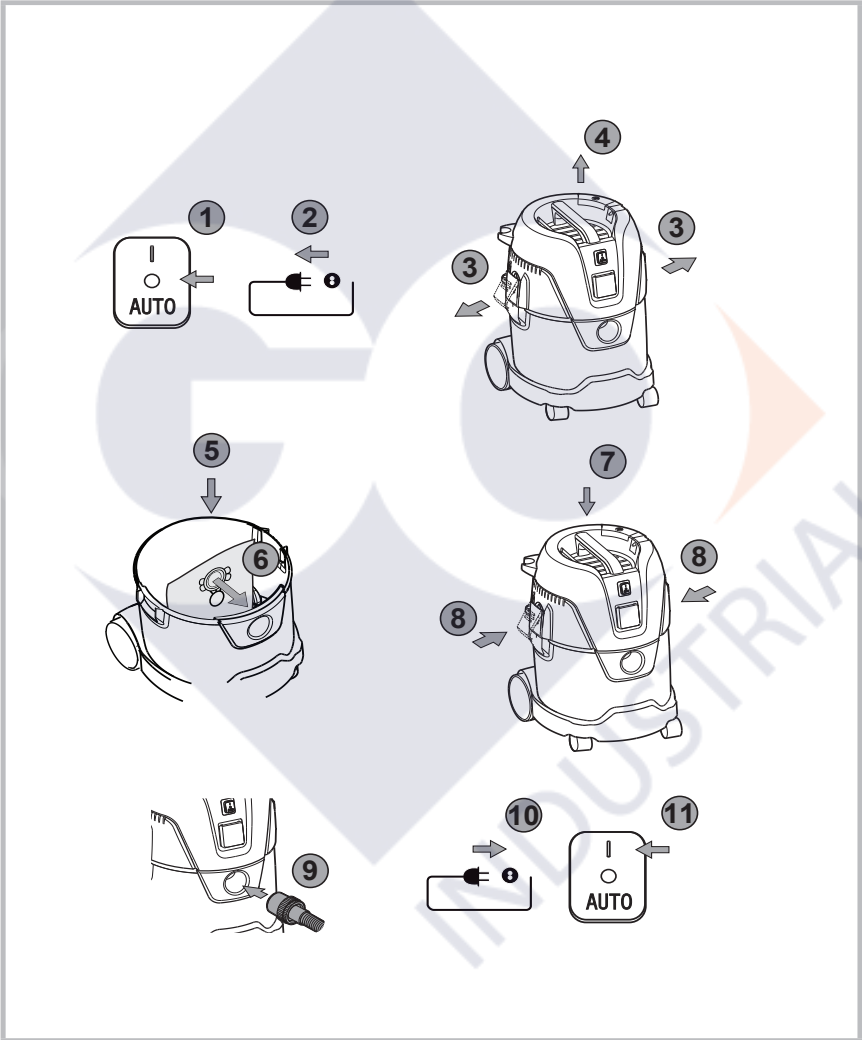


Mirka® Dust Extractor

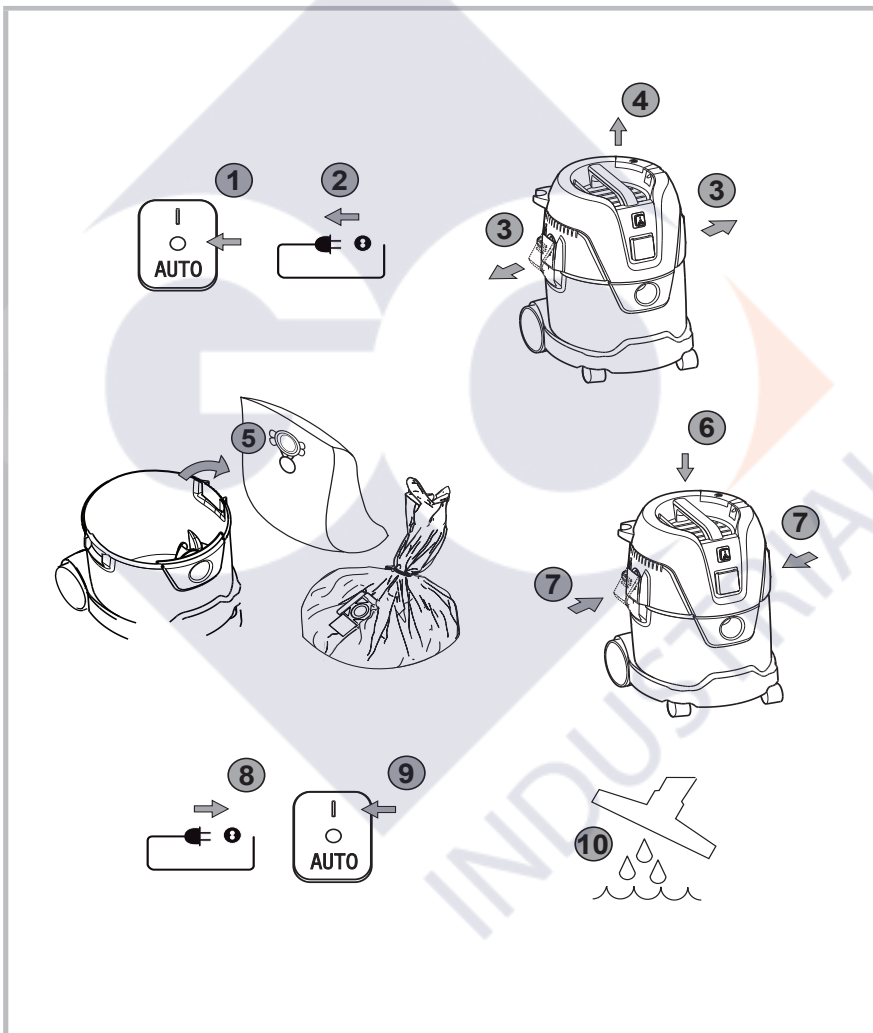
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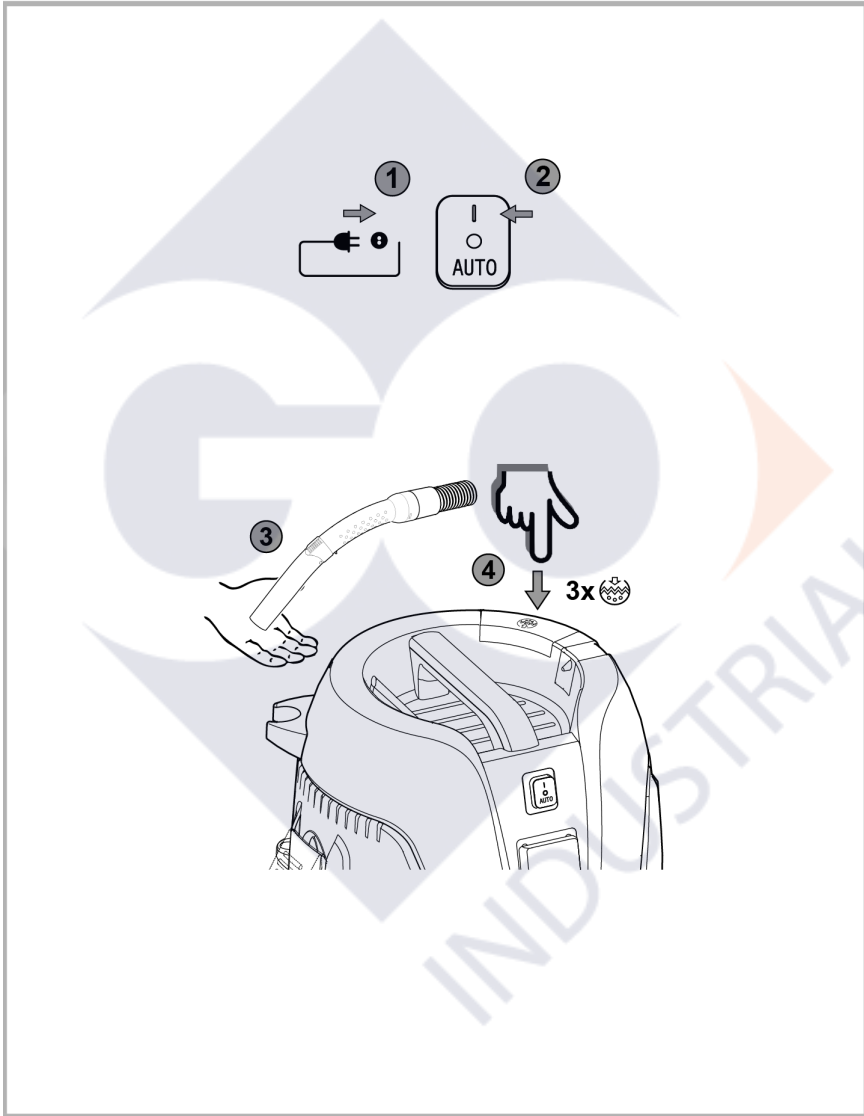
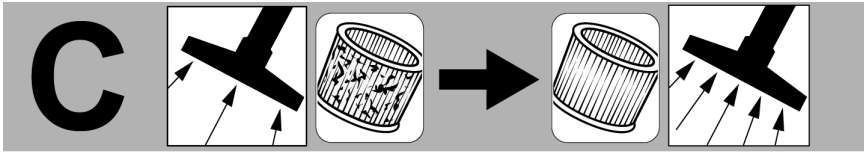
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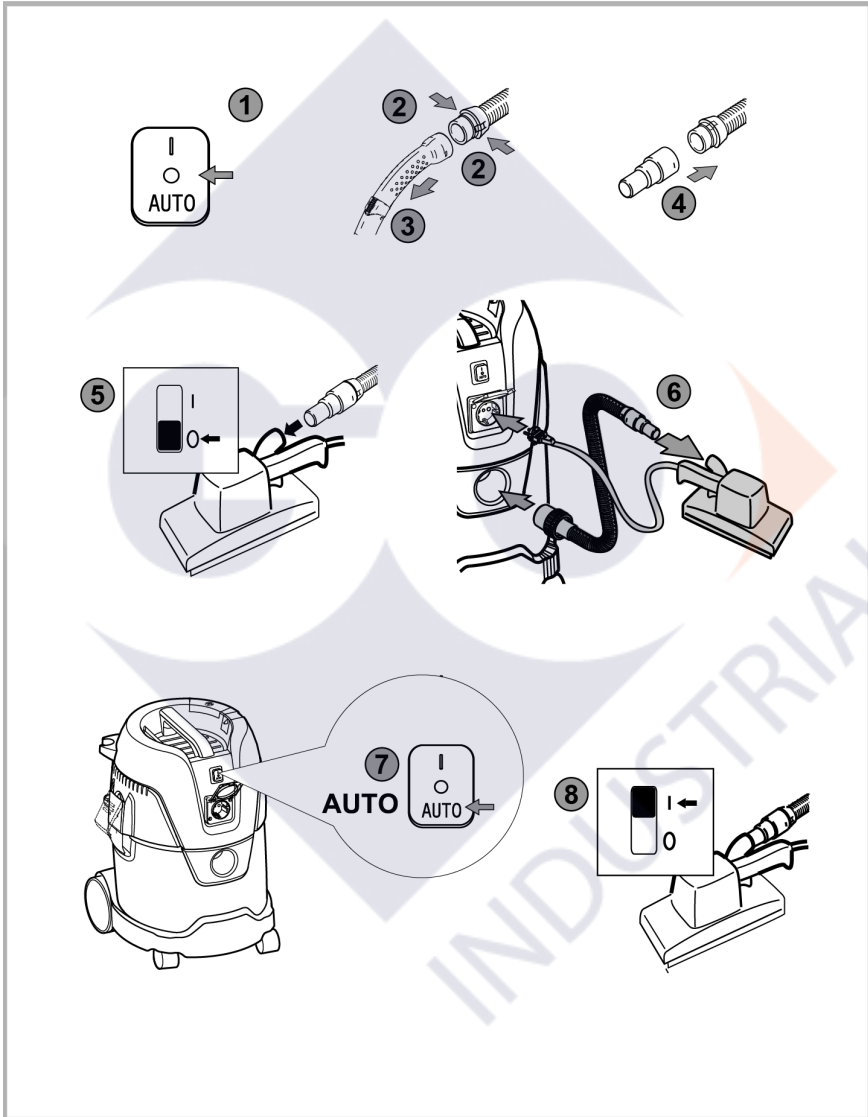
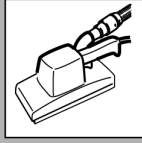


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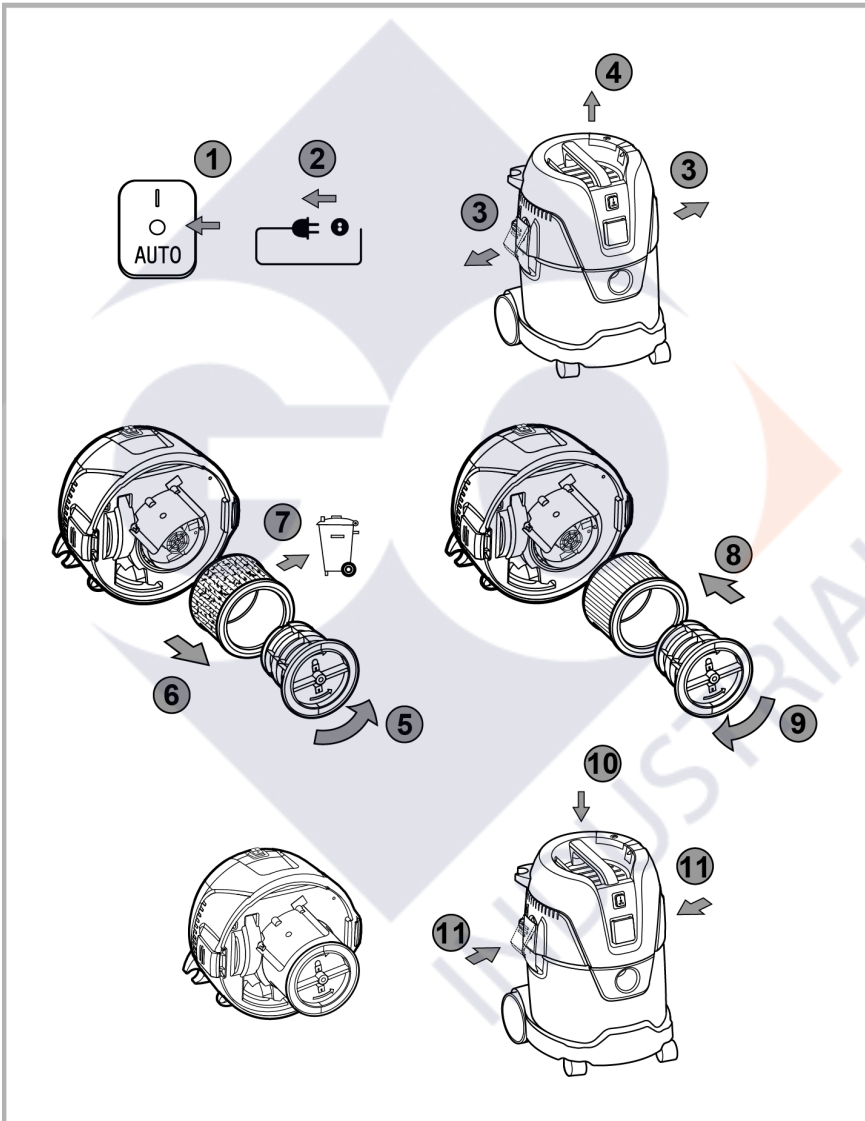
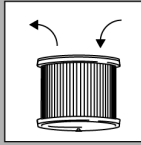




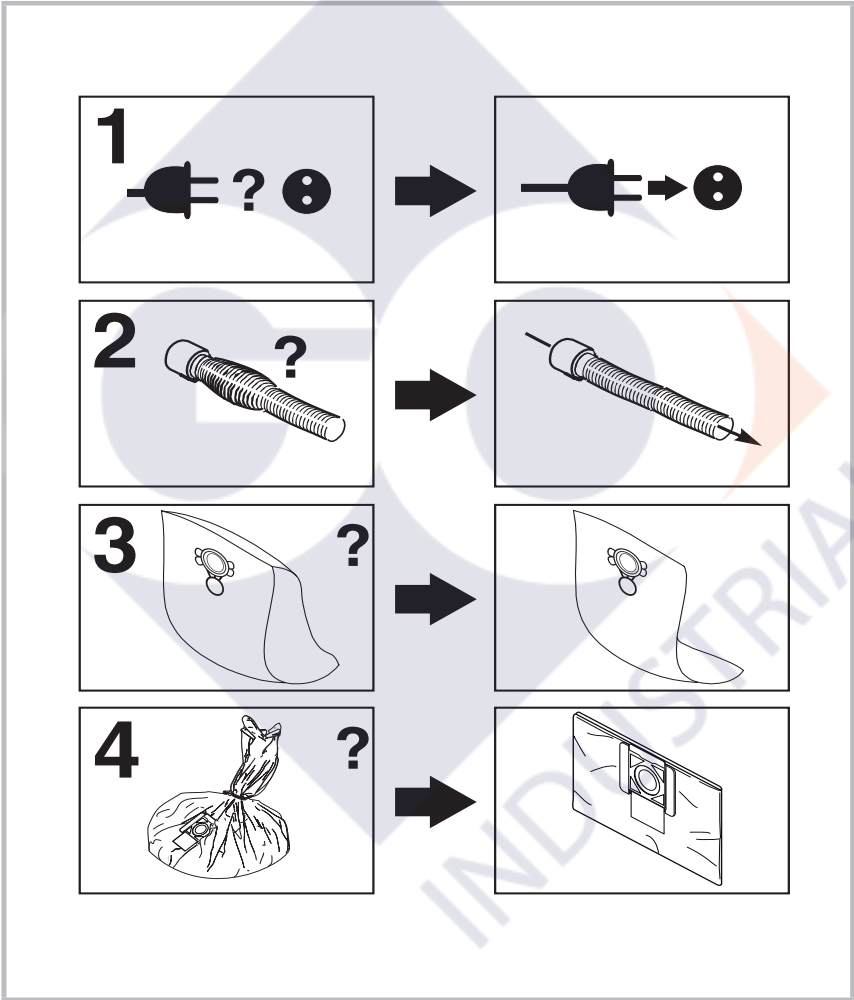
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E



F



Declaration of conformity

Mirka Ltd, 66850 Jeppo, Finland			
declare under our sole responsibility that the Mirka® products (listed below and see "Technical data" table for particular model) to which this declaration relates are in conformity with the following standards or other normative documents: IEC 60335-1:2020, EN 60335-1:2012+A11:2014+A13:2017 +A1:2019+A14:2019+A2:2019+A15:2021, IEC 60335-2-69:2021, EN 60335-2-69:2012, EN 55014-1:2021, EN 55014-2:2021, EN 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021 & EN IEC 63000:2018 in accordance with the regulations 2006/42/EC, 2014/30/EU, 2011/65/EU.			
Products: Mirka® Dust Extractor 1125 L PC			
<i>Jeppo 28.11.2022</i> Place and date of issue	MIRKA Company	 Stefan Sjöberg, CEO	Manufacturer / Supplier Mirka Ltd 66850 Jeppo, Finland Tel. +358 20 760 2111 Fax +358 20 760 2290 www.mirka.com
			

Original instructions. We reserve the right to make changes to this manual without prior notice.

Important

Read these safety and operating instructions carefully before installing, operating or maintaining this tool. Keep these instructions in a safe and accessible place. Read and comply with state and local regulations.

Required personal safety equipment



Wear
safety glasses



Wear
ear protection






Wear
safety gloves



Wear
face mask

Symbols

	Complies with EU relevant standards
	Complies with Australia & New Zealand RCM requirement
	Read operator's manual



Warning: Potential hazardous situation that may result in death or serious injury and/or property damage.

Caution: Potential hazardous situation that may result in minor or moderate injury and/or property damage.

General description & intended use of tool

This mobile dust extractor is designed, developed and rigorously tested to function efficiently and safely when properly maintained and used in accordance with the following instructions.

This machine is suitable for industrial use, for example at plants, construction sites and workshops. Accidents due to misuse can only be prevented by those using the machine.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

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.

For **Dust Class L** machines the following applies:

The appliance is suitable for picking up dry, non-flammable dust and liquids, hazardous dust with OEL (Occupational Exposure Limit) values > 1 mg/m³.



Warning label for dust class L machines

Dust Class L (IEC 60335-2-69). Dust in this class has OEL values > 1 mg/m³. For machines intended for Dust Class L, the filter material has been tested. The maximum degree of permeability is 1% and there is no special requirement for disposal.

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

Technical data

Mirka® Dust Extractor 1125 L	EU	AU
Mains Voltage	220 –240 VAC	220 –240 VAC
Power	1200 W	1200 W
Connected load for appliance socket	2400 W	1100 W
Total connected load	3600 W	2300 W
Mains frequency	50–60Hz	50–60Hz
Fuse	16	10
Protection grade (moist, dust)	IPX4	IPX4
Protection class (electrical)	I	I
Max. airflow (l/s)*	62 l/s	62 l/s
Max. airflow (m³/h)*	222 m ³ /h	222 m ³ /h
Max. airflow (CFM)*	131 CFM	131 CFM
Max. vacuum (kPa)	24.5 kPa	24.5 kPa
Max. vacuum (hPa)	245 hPa	240 hPa
Max. vacuum (in_{H₂O})	98 in _{H₂O}	98 in _{H₂O}
Sound pressure level LPA (IEC 60335-2-69)	69 ±2 dB(A)	69 ±2 dB(A)
Working sound level	61 ±2 dB(A)	61 ±2 dB(A)
Vibration ISO 5349 ah	2.5 m/s ²	2.5 m/s ²
Weight	10 kg (22.1 lbs)	10 kg (22.1 lbs)
Dust class	L	L
Container capacity	25	25

* Measured at container. Observe applicable country-specific regulations regarding air change rate.



WARNINGS

- Do not use to pick up flammable or combustible liquids such as gasoline, or use in areas where they may be present.
- Operators shall be adequately instructed on the use of these machines
- The machine shall be disconnected from its power source during cleaning or maintenance and when replacing parts or converting the machine to another function by removing the plug from the socket-outlet.
- Only use the socket outlet on the machine for purposes specified in the instructions.

- To reduce the risk of fire, electric shock, or injury, please read and follow all safety instructions and caution markings before use. This machine is designed to be safe when used for cleaning functions as specified. Should damage occur to electrical or mechanical parts, the machine and/or accessory should be repaired by a competent service centre or the manufacturer before use in order to avoid further damage to the machine or physical injury to the user.
- Do not use with damaged cord or plug. To unplug, grasp the plug, not the cord. Do not handle plug or machine 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 machine 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.
- Use extra care when cleaning on stairs.
- If the machine is not working properly or has been dropped, damaged, left outdoors, or dropped into water, return it to a service centre or the dealer.
- The machine may not be used as a water pump. The machine is intended for vacuuming air and water mixtures.
- 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 work place.
- Do not use the machine as a ladder or step ladder. The machine can tip over and become damaged.
- Outdoor use of the appliance must be limited to occasional use.
- Do not allow the supply cord to come into contact with the rotating brushes
- Only use the socket outlet on the machine for purposes specified in the instructions
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
- Children being supervised not to play with the appliance

Hazardous dust

Hazardous materials. 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, corrosive liquids (e.g. petrol, solvents, acids, alkalis, etc.)
- Flammable, explosive dust (e.g. magnesium or aluminium dust, etc.)

Electrical components



Danger: 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.



Danger: Electric shock due to faulty mains connecting lead. Touching a faulty mains connecting lead can result in serious or even fatal injuries.

- Do not damage the mains power lead (e.g. by driving over it, pulling or crushing it).
- Regularly check whether the power cord is damaged or shows signs of ageing.
- If the electric cable is damaged, it must be replaced by an authorized Mirka distributor or similar qualified person in order to avoid a hazard.
- In no circumstances should the power supply cord be wrapped around fingers or any part of the operator.

In explosive or inflammable atmosphere



Caution: This machine is not suitable for use in explosive or inflammable atmospheres or where such atmospheres are likely to be produced by the presence of volatile liquid or inflammable gas or vapour.

Additional warnings

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm.

Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks and cement and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

Operating Instructions

Before start-up (A)

The fleece filter bag is pre-installed in the dust extractor.

Ensure that the voltage shown on the rating plate corresponds to the voltage of the local mains power supply. It is recommended that the dust extractor should be connected via a residual current circuit breaker.

Inspect power cord regularly to detect signs of damage, e.g. cracks or ageing. If the power cord is damaged, it must be replaced by a Mirka service center or an electrician to avoid danger before use of the dust extractor is continued. Use only the type of power cord specified in the operating manual.

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	Cross section < 25 A
<20 m	1.5 mm ²	2.5 mm ²
20-50 m	2.5 mm ²	4.0 mm ²

Only use the dust extractor if it is in undamaged condition. Never use the dust extractor without a filter, or if the filter is damaged. It is recommended always to use filter bag for dry applications.

When dust extractors are used, the rate at which air is exchanged in the room must be adequate if the exhaust air from the dust extractor is blown into the room (please observe regulations valid in your country).

Before starting work, the operating staff must be informed on

- Use of the dust extractor
- Risks associated with the material to be picked up
- Safe disposal of the picked up material

Operation (A)

Mirka Dust Extractor 1125 L	Switch position	Function
	I	On
	0	Off
	AUTO	Auto on/off

Appliance socket

An earthed appliance socket is integrated in the machine. An external power tool can be connected there. The socket features permanent power on. Australia: The socket has a 5 Amp thermal circuit breaker to protect the machine against overload. If the power consumption gets too high the thermal circuit breaker activates and cut off the power on the socket outlet. The thermal circuit breaker can be reset again by pressing its reset button.

Picking up liquids (B)



Caution: Clean the water level limiting device regularly and examine it for signs of damage.

Before liquids are picked up, always remove the filter bag. Check that the float works properly. If foam develops or liquid emerges, stop work immediately and empty the dirt tank.

Cleaning the filter element (C)

If suction performance drops:

1. Switch on the dust extractor
2. Close the nozzles or suction hose opening with the palm of your hand.
3. Press the button to start filter cleaning for at least three times for two seconds each. The resulting stream of air removes attached dust from the slats of the filter elements.
4. if the suction power is too low after filter cleaning: replace filter.

Connecting electrical machines (D)

Use the socket on the dust extractor for the purpose defined in the operating instructions only.

CAUTION! Follow the operating instructions and safety instructions for machines connected to the power tool socket.

Before plugging a machine into the dust extractor socket:

1. Switch off the dust extractor.
2. Switch off the machine to be connected.

Maintenance, cleaning and repair (E+F)

Only carry out maintenance work described in the operating instructions. Always disconnect the mains plug before cleaning and maintenance of the dust extractor. Never spray water on to the upper section of the dust extractor. Danger for persons, risk of short-circuiting.

The use of non-genuine spare parts and accessories can impair the safety of the dust extractor. Only use spare parts and accessories supplied by Mirka Ltd.

During maintenance and cleaning, handle the dust extractor 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

During maintenance and repair work all contaminated parts that could not be cleaned satisfactorily must be:

- packed in well sealed bags
- disposed of in a manner that complies with valid regulations for such waste removal

A dust test must be performed at least once every year by Mirka service center or a trained person. This test includes, for example, whether there is damage to the filter, the vacuum cleaner is sealed to the air and the control equipment works properly.

Spare parts and accessories

Description	Mirka code
Filter element	8999600411
Fleece filter bag (5 pcs)	8999000211

The use of non-genuine spare parts and accessories can impair the safety and/or function of the appliance. Only use original spare parts and accessories from Mirka. Spare parts that can affect the health and safety of the operator and/or function of the appliance, are specified above.

Disposal of filter elements and filter bags

Discard filter elements and filter bags in accordance with the national regulations.

Transport

Before transporting the dirt tank, close all the locks. Do not tilt the dust extractor if there is liquid in the dirt tank. Do not use a crane hook to lift the dust extractor.

Storage

The dust extractor must be stored in a dry place and protected from frost. Dry wet filter and interior parts of liquid container before storage.

Bluetooth

This tool is equipped with Bluetooth®



Further service

Servicing must always be performed by trained personnel. To keep the tool warranty valid and ensure optimal tool safety and function, servicing must be carried out by a Mirka authorized service centre. To locate your local Mirka authorized service centre, contact Mirka Customer Service, your Mirka dealer or go to www.mirka.com

Disposal information



DANGER

Render redundant power tools unusable by removing the power cord.

Observe applicable country-specific regulations regarding disposal and recycling of disused machines, packaging and accessories.

EU only: Do not dispose electric power tools in house-hold waste. According to European Directives on waste electrical and electronic equipment and its implementation under national law, electric tools that have reached the end of their life must be collected separately and taken to an environmentally compatible recycling facility.

For more information regarding REACH, RoHS and our corporate social responsibility visit www.mirka.com



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For contact information,
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INDUSTRIAL



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Dedicated to the finish