Operating Instructions Cuula Machine

Incl. declaration of conformity and service plan

The operating instructions are intended specifically for users of the Cuula unit. It describes the operation of the unit, the standard procedures, the filling and removal of the cans, as well as regular service work and a solution guide for simple troubleshooting.

Cuula Basic 250ml slim

Cuula Light 250ml slim

Cuula Basic 330ml sleek

Cuula Light 330ml sleek

Cuula GmbH Probusgasse 1, A-1190 Wien, Austria

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IBAN: AT16 3477 7000 0500 4981 | BIC: RZOOAT2L777
UID AT: ATU 743 05 708 | FN: 508854s
UID HU: HU 30650622 | TAX Number HU: 30650622-2-51

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Safety Requirements

The following safety-relevant specifications must be observed by the operator of the unit. Failure to do so may endanger life and limb and permanently destroy the unit.

- If smoke develops, the unit must be switched off immediately, disconnected from the mains and checked by specially trained personnel. The unit must not be put into operation again independently. After switching off, the unit must always be observed and, if necessary, the manufacturer or the fire brigade must be contacted.
- The safety and warning symbols shown on the following pages must always be followed. Faults that go beyond normal operation (see chapter "Behaviour in the event of a fault") must be reported to the supplier or the manufacturer immediately.
- The appliance may only be operated by persons who are physically and mentally able to do so. Children may only operate the unit under the supervision of their parents or guardians and only if they are physically able to do so. Children are not allowed to climb on the unit.
- The unit is not a storage surface. No objects may be stored on the unit, not even for a short time.
- The unit must not be left disassembled or partially disassembled and made accessible to users. The operator must ensure that the unit is correctly assembled. The unit must not be cleaned with a water jet or by general cleaning staff unless they have been specially trained to do so. The cleaning of the unit is described in the chapter "Cleaning the Cuula".
- The unit may only be operated in rooms that have a minimum room temperature of 5°C and a maximum room temperature of 35°C. The relative humidity should not permanently exceed 80% and direct sunlight should be avoided. The unit is designed for indoor use only.

Symbols on and in the unit

	This symbol indicates general information that requires increased attention from the user or operator of the unit and is intended for general information.
	This symbol indicates moving machine parts that can cause injury if used improperly. Handling these machine parts requires a high degree of care and sufficient expertise and should therefore only be carried out by trained personnel.
	The air-conditioning system of the unit is marked with this symbol. The outside of the air-conditioning module gets warm (about 60°C) and the inside cools down to up to 2°C. Incorrect mechanical action can cause the cooling rods to buckle. Care must be taken with both the indoor and outdoor fans.
	The unit is to be operated exclusively via the power supply unit supplied. This has the necessary earthing concept and protects the unit, which is operated with 24V direct current.
	This symbol indicates points in the unit where mains voltage (AC voltage 230V) or supply voltages (e.g. for the air conditioner DC voltage 24V) occur in combination with health-relevant currents. Contact with these points must be avoided under all circumstances as long as the unit is connected. Work on these points must only be carried out by qualified personnel.

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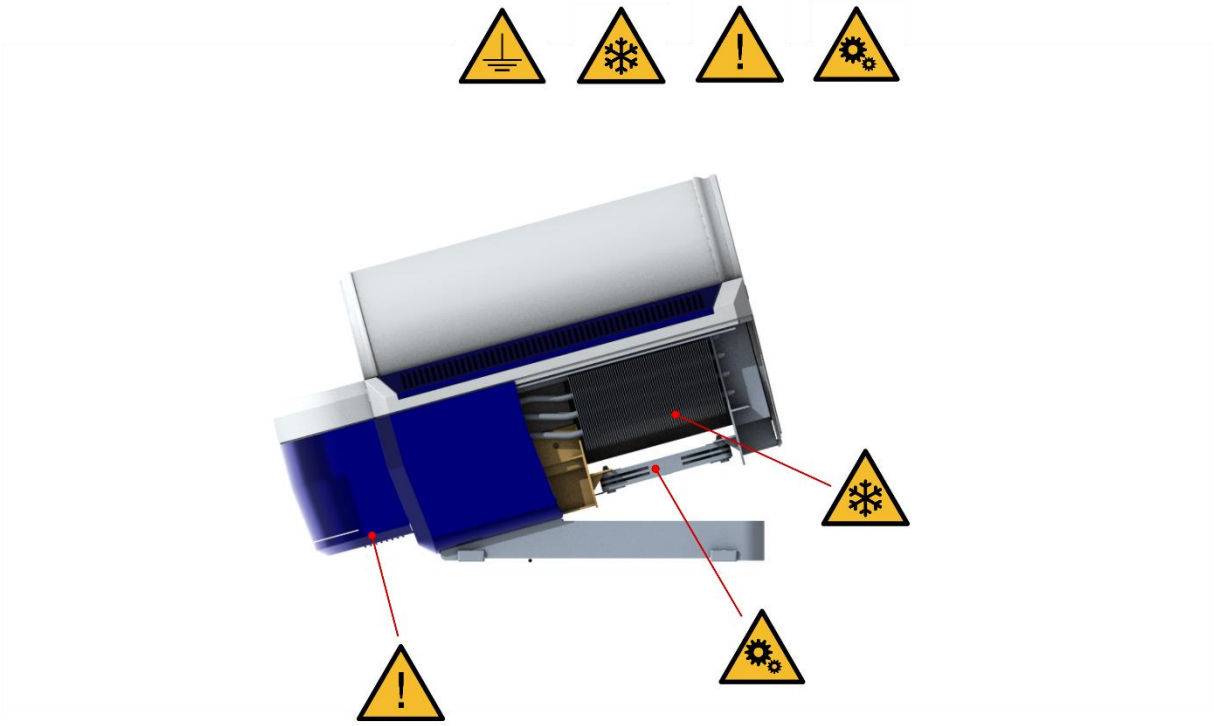
Description of the Cuula device



- The Cuula device is a stand-alone solution for cooling and dispensing beverage cans.
- Dispensing is performed by barrier-free removal of the beverage can from the front, upwards from the device. The device is not locked and does not have a door or flap that can be opened by the user.
- The device stands on a base that creates the necessary inclination so that after removing a can, the next cans slide in automatically.
- The enclosed power supply unit supplies the unit with 24V operating voltage. The use of any other, non-original, power supply unit is expressly prohibited by the manufacturer.
- At the rear of the unit there is a refill flap that must be opened to refill the cans. This operation is carried out by the operator. The capacity is 7 cans for the 250ml models and 6 cans for the 330ml models.
- A replaceable top foil is attached to the top of the Cuula unit. Replacement is done by the operator after consultation with the operator of the unit.
- At the front of the unit, below the can removal device, is the condensation water container. The container must be emptied at regular intervals by the operator according to the instructions.
- The back of the housing is removable and allows access to the inside of the Cuula Basic for maintenance purposes. The housing is only to be opened as specified in

these operating instructions and the Cuula must not be operated without or with a damaged housing.

Description of the Cuula Light unit

The Cuula Light has all the functions of the Cuula Basic. In addition, the backlighting of the Top Foil switches on automatically when plugged into the power supply.

Operating Instructions for Operators

The following chapters are intended for the operators of the unit. In order to ensure smooth operation, they must be observed in the manner and sequence in which they are presented.

Setting up the Cuula Basic & Light

The Cuula unit must be placed in a stable, horizontal and dry location. The opening for removing the cans points in the direction of the customers. The unit has a power supply unit included in the delivery, which is connected to the Cuula at the back with the 2-pin round plug. The cable including the power supply unit must then be placed and stowed on the side of the sales floor that is not visible to the customer. Make sure that the cable is moved in such a way that no employee or customer can trip over it.

The unit starts working with the factory settings immediately after it is connected. On the illuminated versions, the Cuula starts to light up immediately after connection and the air-conditioning module starts cooling. When the unit is completely filled, this process takes approx. 35-50 minutes.

Filling the Cuula

To fill the unit for the first time, as well as for refilling, the rear refill flap is opened with the corresponding closing mechanism and the cans are inserted into the Cuula in an upright position, with the closure facing upwards. The cans slide forward by themselves due to the inclination of the Cuula for dispensing.

Recurring service work

The following maintenance work serves to ensure the permanent functionality of the unit. Neglecting the service intervals can lead to damage to individual components and total failure of the unit.

Basically, the unit is designed to be low-maintenance and does not require any additional attention between service intervals.

Air conditioner maintenance

For all maintenance work on the air conditioner, the unit must be disconnected from the power supply without exception.

The air conditioner is a low-maintenance Peltier air conditioner which, due to its design, has no mechanical components like a compressor or condensing unit. The core components of the unit (Peltier elements) do not require any maintenance.

In addition to the usual visual inspection, which should be carried out regularly when refilling the beverage cans, the internal fan of the air conditioning module must be checked every 3 months. Due to the running operation, dust and dirt may accumulate. The protective grids of the fans can be carefully removed without tools for cleaning (pull away to the rear and observe the bayonet catch). The fan should be cleaned without liquid using a dry cloth or brush.

The cooling fins of the air conditioner must be cleaned every 3 months with a brush or a damp cloth. Dirty fins can dissipate heat or cold more poorly to the environment. The cooling performance of the air conditioner may be impaired as a result.

Cleaning the Cuula

Some parts of the unit must be cleaned or checked at regular intervals, at the latest after 6 months of operation.

The external air filter of the housing fan (on the lower side) must be removed and cleaned with compressed air or a brush. Alternatively, the filter insert can be washed and then dried. Wet or damp filter inserts must not be installed, as they can damage the fan. Filter insert material is available from the manufacturer on request.

Dirty fans can generate increased power demand, get stuck or stop working.

(The fans are a wearing part. Spare parts are available from the manufacturer on request).

Although a condensation water tank is fitted under the unit to collect condensation water formed on the internal cooling surfaces, condensation water may form in the housing, especially on the walls. These areas must be cleaned with a dry cloth during regular refilling procedures.

The inner and outer surfaces of the Cuula, especially the top foil, must be cleaned carefully with appropriate surface cleaners (e.g. Würth Haftclean 089010060). The use

of cleaning agents is your own responsibility. Cleaning agents that are too strong or corrosive can damage the surfaces or the top foil.

Behaviour in the event of an error

If smoke develops, the unit must be switched off immediately, disconnected from the grid and checked by specially trained personnel. The unit must not be put back into operation independently. After switching off, the unit must always be observed and, if necessary, the manufacturer or the fire brigade must be contacted.

The following describes the replacement of the three main cooling components (fan, Peltier elements and heat pipes) of the Cuula. These three components are maintenance-free and designed for the entire service life of the Cuula. In the event of a fault, only a complete replacement of the units is possible. Corresponding replacement components are available from the manufacturer on request.

Exchange of individual components

Replacing the air conditioning fan

To replace the rear fan of the air conditioner, the unit must first be de-energised and all cans removed before the rear housing is removed (pulled backwards). In the second step, the front plastic cover on the output shaft is pulled upwards. After that, the front half of the housing can be pulled off towards the front.

Then lay the unit on its side and disconnect the corresponding cable of the air-conditioning fan from the mainboard. The fan is mounted on the frame of the Cuula Basic with 4 plugs. These can be carefully pushed out downwards with a flat, wide screwdriver. The fan can then be removed. The new fan is mounted in the reverse order.

Replacing the Heat Pipes

The unit has 2 sets of heat pipes that conduct the heat from the Peltier elements to the cooling fins on the left and right side of the housing. As described in the previous step, the entire housing is opened to replace these elements (see "Replacing the air conditioning fan").

The heat pipes are each pressed to the Peltier element with 4 screws (M4x30 - hexagonal on the inside) with a pressure plate. These screws must be removed for disassembly. Then the heat pipe element can be pulled away to the front. ATTENTION:

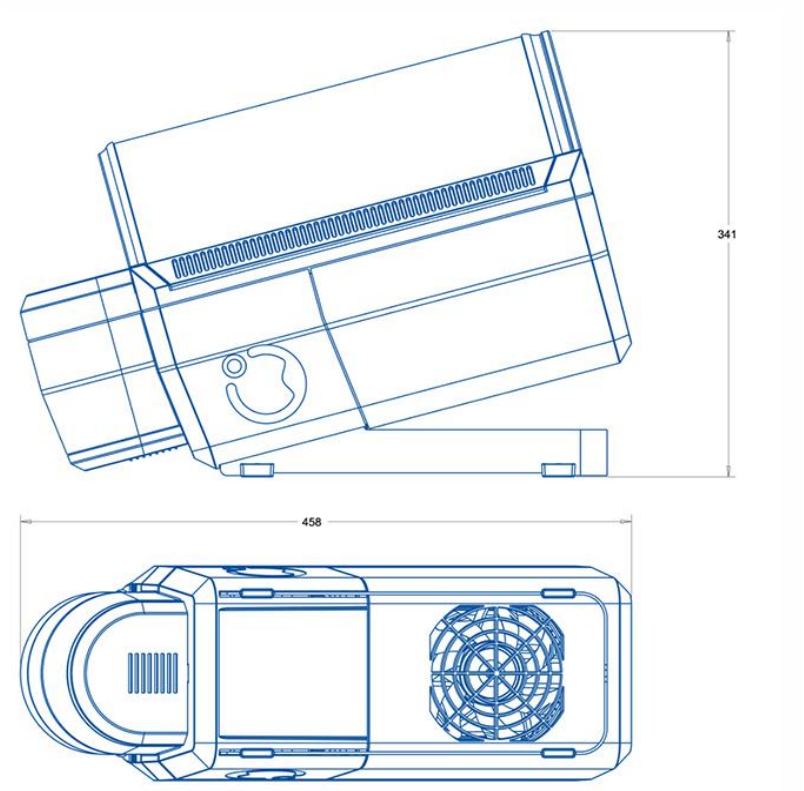
Only pull the Heat Pipes forwards and do not bend them away to the side so as not to break out the retaining lugs on the Cuula frame. CAUTION: Do not bend the heat pipes or subject them to excessive mechanical stress. This can cause the pipes to leak.

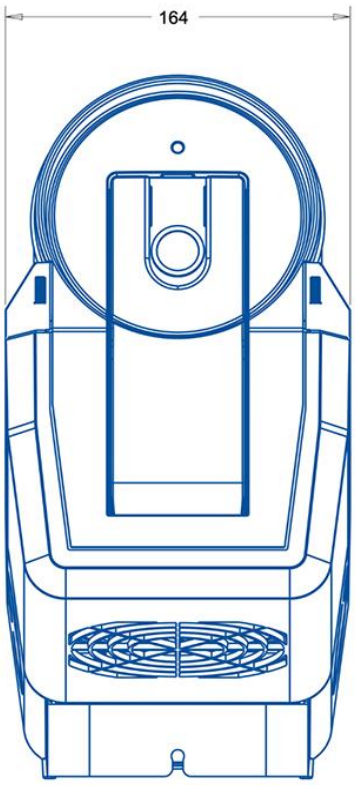
Exchange of the Peltier elements

The Peltier elements are the actual cooling of the Cuula. To replace these elements, the step "Replacing the heat pipes" must first be carried out. The Peltier elements (2 pieces - one each on the left and right) are pressed against the cooling blocks of the interior by the heat pipes and the pressure plate described. When dismantling, make sure not to pull the elements off by the cables, but to grip the Peltier element itself.

The Peltier element is coated on both sides with heat-conducting paste (e.g. RS PRO heat-conducting paste metal oxide RS Order No.: 554-311), which ensures perfect heat transfer. This heat-conducting paste must be renewed each time it is dismantled.

Illustration of the Cuula





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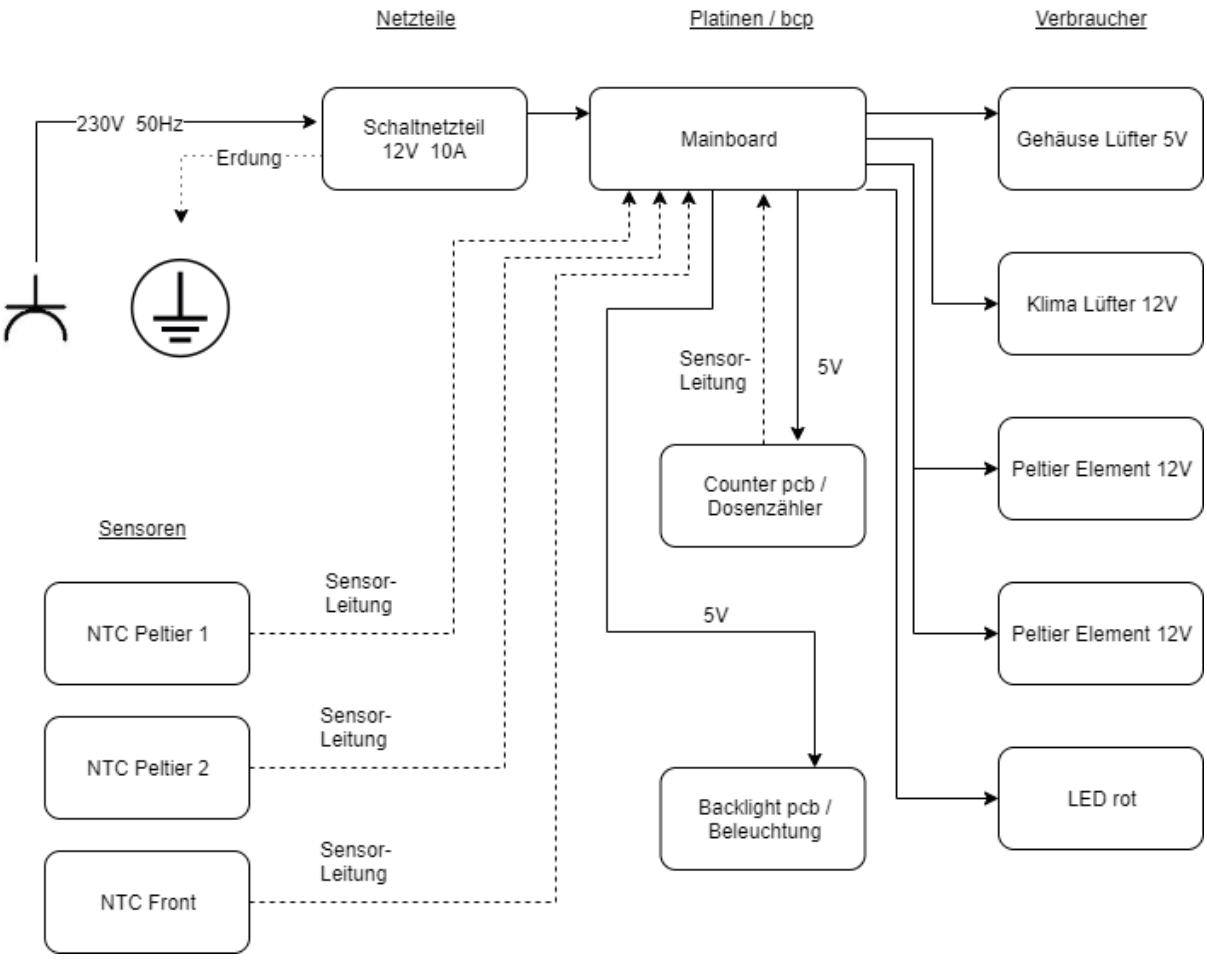
Cuula One Schaltkonzept - Erdungskonzept



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Warranty conditions

Cuula GmbH will repair free of charge all defects in the devices which are demonstrably due to a material or manufacturing defect and which are reported by the first purchaser within 12 months from the date of placing on the market. The following conditions and exceptions apply:

1. Glass or plastic parts and light bulbs are excluded from the guarantee. The same applies to components that are subject to natural wear and tear. A slight deviation from the nominal condition with otherwise unchanged function also does not trigger a warranty claim. Damage caused by external chemical or electrochemical effects, for example by water damage, or if the appliance has come into contact with any other chemical liquid or gas, will also not give rise to a claim under the guarantee.
2. Improper use of the appliance contrary to the provisions of these instructions for use will also invalidate the warranty.
3. The warranty service will be provided by Cuula GmbH by any means and is usually carried out by replacing individual components, whereby the replaced components become the property of Cuula GmbH.
4. If a device cannot be repaired by replacing a component, it will be replaced by an equivalent device from our local portfolio. The replaced device becomes the property of Cuula GmbH.
5. The granting of a warranty claim does not lead to the extension of the original warranty of 12 months.
6. The warranty of built-in spare parts automatically expires at the end of the warranty of the complete appliance.
7. The warranty conditions of the GTCs - General Terms and Conditions of Cuula GmbH shall apply.
8. Cuula customer service will continue to be available to all customers beyond the 12-month warranty period.

Waste Electrical Equipment Ordinance,

In accordance with the Waste Electrical and Electronic Equipment Ordinance, Federal Law Gazette II No. 121/2005 as amended, Cuula GmbH takes back used equipment in Austria and recovers or recycles it at a rate of up to 90 percent. If you would like to return used Cuula appliances from other EU countries, please contact us by e-mail: hello@cuula.eu.

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Declaration of Conformity

The company Cuula GmbH, located at Probusgasse 1, 1190 Vienna, declares that the device Cuula Basic & Light complies with the following guidelines and safety regulations and was developed and manufactured under these general conditions.

Guideline

Maschinenrichtlinie/Machine Guideline: 2006/42/EG

Standards

ÖVE/ÖNORM EN 60065:2015 12 01

OVE EN 62368-1

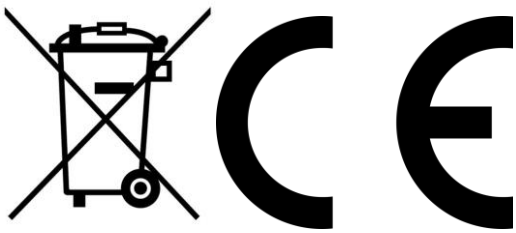
RoHS 2011/65/EU

Low-Voltage Directive 2014/35/EU

Distributor/Producer

Cuula GmbH, Probusgasse 1, 1190 Vienna, AUSTRIA

Labelling



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