



**CZECH UP YOUR BEER**  
COOLING AND DISPENSING SYSTEMS

# INSTRUCTION MANUAL

## LINDR FLOW-THROUGH CONTACT COOLING

**ENGLISH**

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**KONTAKT 300/K TWIN POWER GREEN LINE**

**KONTAKT 300 TWIN POWER GREEN LINE**

LINDR.CZ s.r.o.  
CHLADICÍ A VÝČEPNÍ TECHNIKA

### IMPORTANT

This manual contains instructions for installation, use and operation of the appliance. This manual is an integral part of the device. It must be stored in the vicinity of the device for the entirety of its service life and must be made available to the user any time the device is installed, moved, used or maintained. Read this manual carefully before installing and using the device. It contains important information for its correct and safe use.

This manual is a translation of the original Czech manual.

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### SYMBOLS AND MARKINGS USED IN THE MANUAL:



**WARNING:**

*Not following instructions may cause injury or damage the device.*



**DANGER:**

*Risk of injury by electrical current.*



**NOTE:**

*This symbol indicates information and recommendations for the user.*



**WARNING:**

***The cooling system contains flammable coolant  
R290 (propane)!***





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## 1. INTRODUCTION:

Thank you for purchasing this LINDR product.

## 2. DESCRIPTION OF THE COOLER:

This beverage dispensing system with built-in compressor is designed for professional cooling of beverages and dispensing and serving well cooled beer and beverages from a keg.

It is the elite among professional table-top coolers.

The Lindr modern compressor cooling unit uses input energy and transforms it directly into cooling, ensuring proper beer cooling at minimum energy drain.

The thermal block with high energy capacity is ready to dispense well cooled beer within 5 - 10 minutes after turning on the device. If the thermostat is set to max., the thermal block can accumulate a large amount of energy it can use to dispense well cooled beers one after another. The time needed to accumulate energy is ca. 10 min. Lindr cooling technology has 45 % higher output than is its input energy. The cooler is fitted with an aftercooled tap that ensures proper cooling even for small amounts of beer. The full body and the coil of the cooler are made of stainless steel. The materials used meet the strictest hygienic standards and guarantee long service life of the cooler.

## 3. MACHINE PLATE



## 4. GENERAL INSTRUCTIONS, MEASURES AND SAFETY INSTRUCTIONS:

When using the device, follow basic safety instructions stated by the manufacturer. The cooling device is designed for flow cooling of beverages dispensed from kegs. Any other use is considered impermissible and therefore dangerous. The supplier is not liable for damage caused by incorrect use.

### **DO NOT USE THE DEVICE FOR PURPOSES OTHER THAN THOSE STATED BY THE MANUFACTURER!**

General safety principles. Observe the following safety instructions.

The supplier is not liable for damage caused by activities carried out on this device without observing the following instructions!

**⚠ WARNING:** Children aged 15 or more and persons with reduced physical, sensory or mental capabilities or insufficient experience and knowledge may only use the device when supervised or instructed in safe use of the appliance and familiarised with potential dangers.

**⚠ WARNING:** Children must not be allowed to play with the appliance. Store all packaging material out of reach of children (*comes with a plastic bag – suffocation hazard*).

**⚠ WARNING:** Cleaning and maintenance of the appliance on the part of the user must not be done by unsupervised children.

**⚠ WARNING:** Before connecting to main electrical supply, check that the voltage and frequency in the mains corresponds to the data stated on the device.

**⚠ WARNING:** Always make sure that the socket you intend to plug the cooler into meets the specifications on the machine plate (voltage, frequency, input power).

**⚠ WARNING:** Before any interference with the device, such as cleaning or maintenance, ALWAYS disconnect the device from power supply: set the thermostat to "0" position and unplug the appliance from the socket.

**⚠ WARNING:** Never place tools or other object into the fan.

**⚠ WARNING:** Never touch electrical components with wet or damp hands.

**⚠ WARNING:** To ensure the cooling unit works properly and at full capacity, make sure air supply to the unit is not obstructed.

**⚠ WARNING:** Water temperature during sanitation must not be higher than 25 °C!

**⚠ WARNING:** Always make sure the power socket you intend to plug the cooler into is accessible, so that the appliance can be immediately unplugged in case of emergency.

**⚠ WARNING:** When unplugging the device from the socket, grab the plug and pull it out. Do not under any circumstances pull at the cable; risk of damage.

**⚠ WARNING:** To turn the device off completely, unplug the appliance from the power socket.

**⚠ WARNING:** In the event the electrical wiring of the product becomes damaged, summon a trained service technician. Do not under any circumstances repair the device yourself.

**⚠ WARNING:** *The cooling system contains flammable coolant R290 (propane)!*



**⚠ WARNING:** Emergency maintenance and repair of the cooling system must be done by trained, authorised technicians familiar with cooling and electrical systems. The technicians must have special training and qualification for handling flammable substances in order to perform servicing of coolers containing R290. Follow basic regulations and safety measures regarding service and repair!

**⚠ WARNING:** Do not use open flame or potential sources of sparks in the vicinity of a cooler using **R290** coolant!

**⚠ WARNING:** After unpacking, place the cooler so that heat created by the cooling unit can be vented sufficiently.

**⚠ WARNING:** Do not place objects that could prevent air circulation on top of the cooler.

## 5. INSTALLATION AND PLACEMENT:

Place the cooler onto a stable, level surface (maximum permitted inclination: 2 degrees). The appliance requires unobstructed air circulation.

- *Ensure sufficient free space for air circulation and heat dissipation.*
- *Ensure sufficient supply of fresh air.*
- *The device must not be placed in an enclosed space.*
- *The device must not be placed in the vicinity of heat sources or exposed to direct sunlight.*

Minimum distance of vents from an obstacle that would limit air circulation must be 50 cm. Minimum distance for sections with no air vents is 7 cm. Ideally, use the device in a cool and well ventilated room. The device is designed for use at ambient temperature of at least 16 °C and at most 32°C.

**⚠ WARNING:** *The device MUST NOT be used or stored at ambient temperature lower than 0 °C.* The device is designed for use in a normal environment, always indoors, protected from rain or sunlight. Climate class N.

**⚠ DANGER:** Protect the cooler and electrical connection from rain and spraying water!

**⚠ WARNING:** Do not under any circumstances lay the cooler on its side, not even during transport.

**i NOTE:** In order for the device to work correctly and at maximum output, it is important to not cover up any of the device's vents and ensure sufficient air circulation.

## 6. ELECTRICAL CONNECTION:

Connect the device to a power socket in accordance with specifications on the product label of the device. Electrical wiring is subject to local regulations. If the power leads (cables) are damaged, they must be replaced by the manufacturer, their service technician or a similarly qualified person to prevent risk of hazardous situations.

**⚠ DANGER: Do not use or turn on the device if the power lead (cable) is damaged!**

## 7. TESTING:

The product is delivered ready for immediate use.

## 8. WARRANTY:

The device comes with a warranty in accordance with general legal regulations of the Czech Republic or in accordance with the trade agreement. During the validity period of the warranty, we will remove any defects on the product free of charge, provided these defects were not caused by excess wear, improper handling, incorrect storage or by using the

product in a way that is counter to the instruction manual or the product's design as defined by the manufacturer. Materials replaced during the validity period of the warranty are our property. The legitimacy of the warranty claim is always decided by an authorised service centre. Warranty provided by a retailer outside of the territory of the Czech Republic is governed by the agreement between the retailer and the buyer in their mutual relationship; this agreement is not directly linked to the manufacturer. The agreement does not give the buyer the right to submit warranty claims to the manufacturer. Transport expenses or other costs are not covered by the warranty.

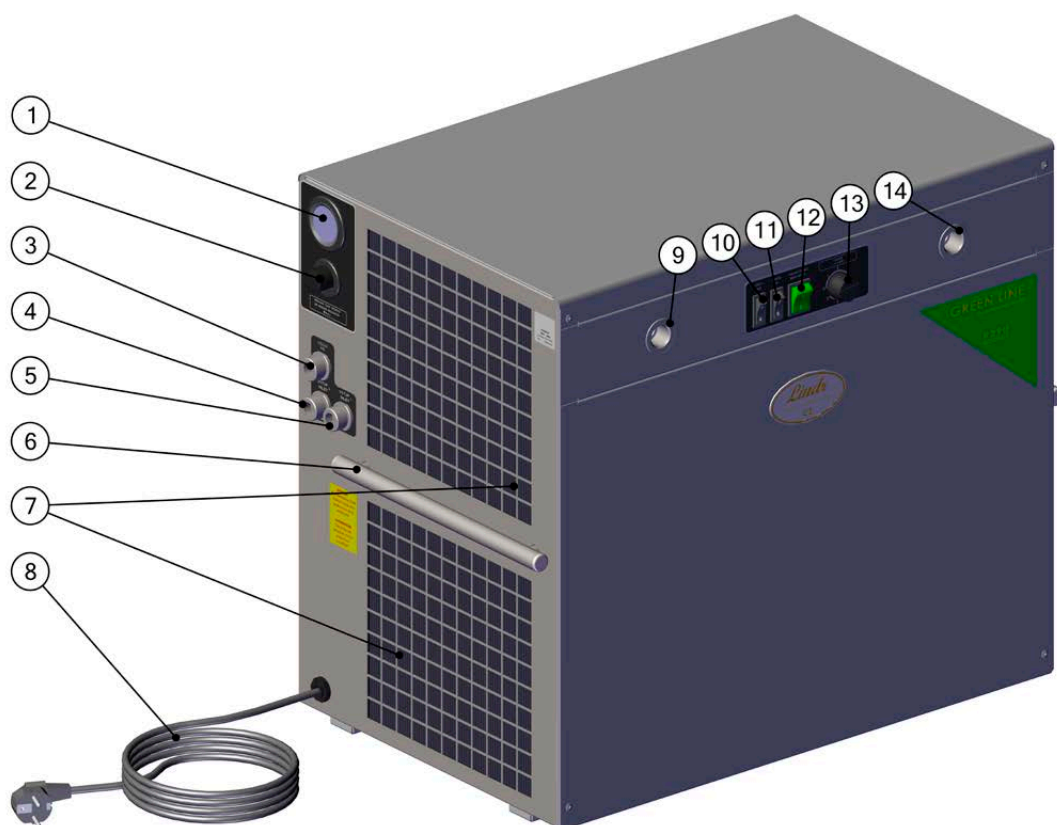
### ATTENTION:

Electrical devices and appliances must be checked/inspected at a time stipulated by valid legislation of the country the device is operated in. Inspection of wiring may only be done by a person with valid authorisation for this activity. Service work, provision of spare parts and inspection is done by the manufacturer or an authorised service centre.

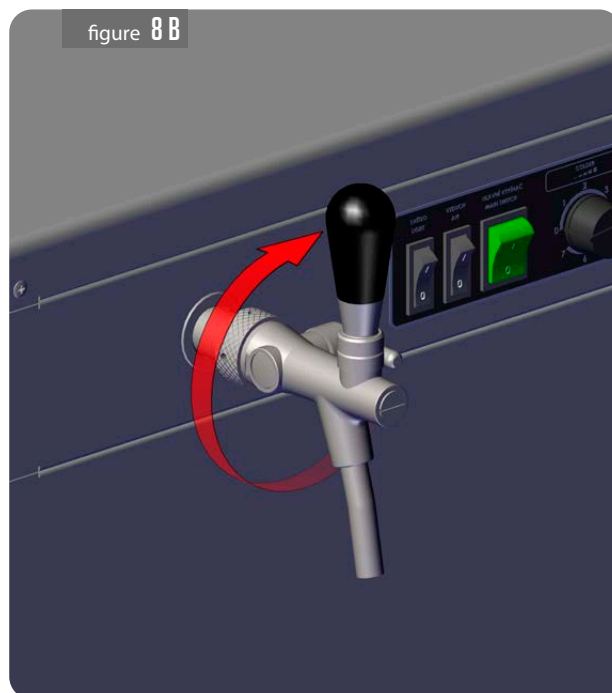
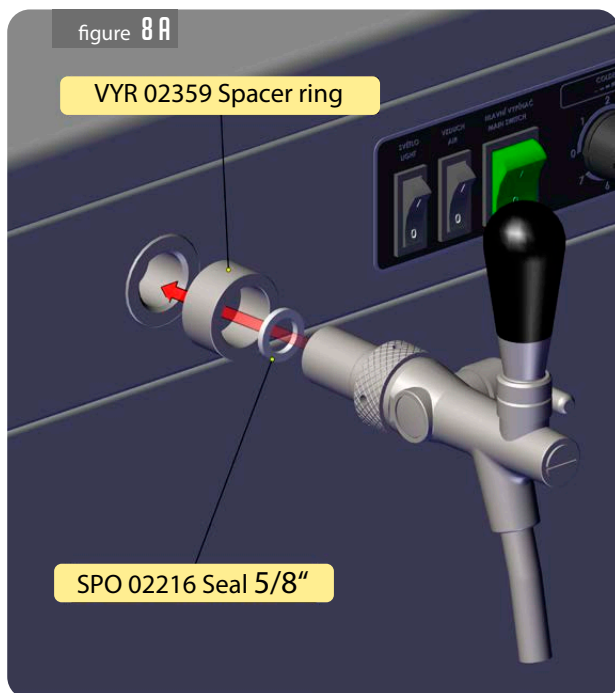
## 9. DESCRIPTION OF THE COOLER:

1. Pressure gauge (ONLY FOR TYPE KONTAKT 300/K)	10. Advert panel illumination switch
2. Pressure regulation (ONLY FOR TYPE KONTAKT 300/K)	11. Air compressor switch (ONLY FOR TYPE KONTAKT 300/K)
3. Air outlet – G5/8" external thread	12. Main switch
4. Beverage inlet 2 – G 5/8" external thread	13. Thermostat
5. Beverage inlet 1 – G 5/8" external thread	14. Beverage outlet 2 – G5/8" internal thread
6. Handle	15. Advertisement
7. Condenser	16. Condenser
8. Power cable	17. Handle
9. Beverage outlet 1 – G5/8" internal thread	18. Fans





## 10. TAP INSTALLATION:



**i NOTE:** The tap is not included

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## 11. KEG COUPLER ASSEMBLY

### 11.1 Outlet for Keg Pressurisation

Variant of connection with the use of a bushing; the hose is fitted onto the bushing and affixed with a clip.

figure 8 C

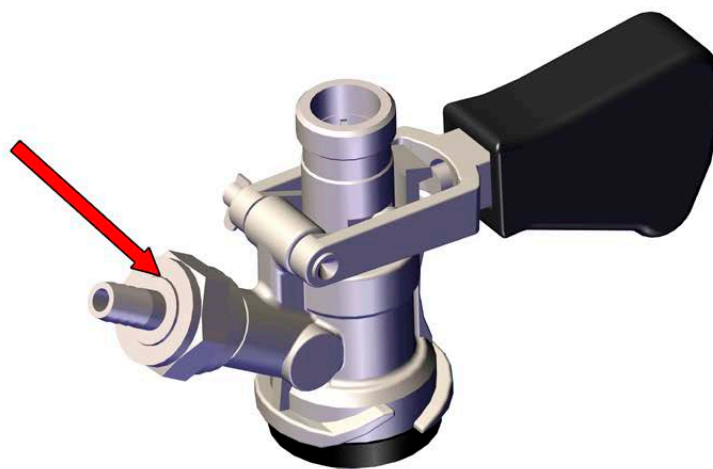




figure 9 A

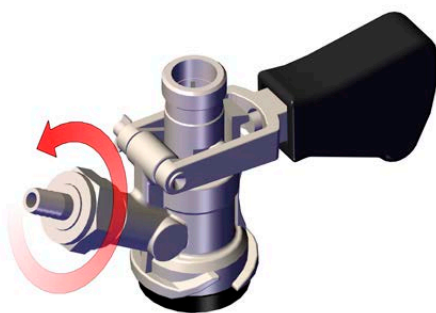


figure 9 B

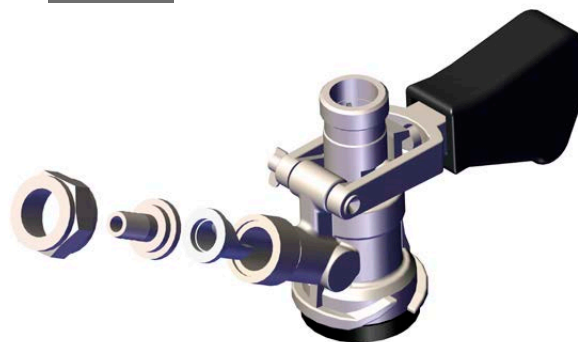


figure 9 C

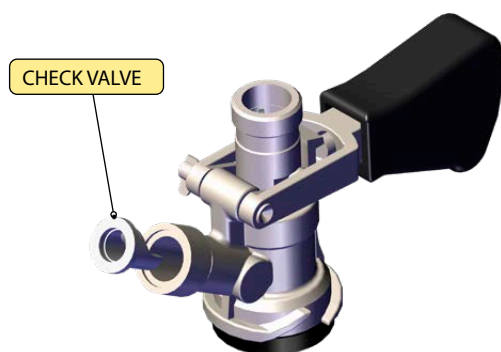
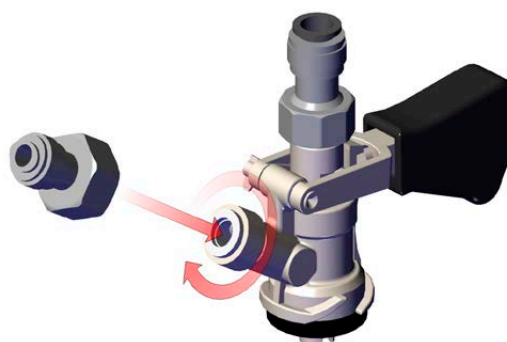


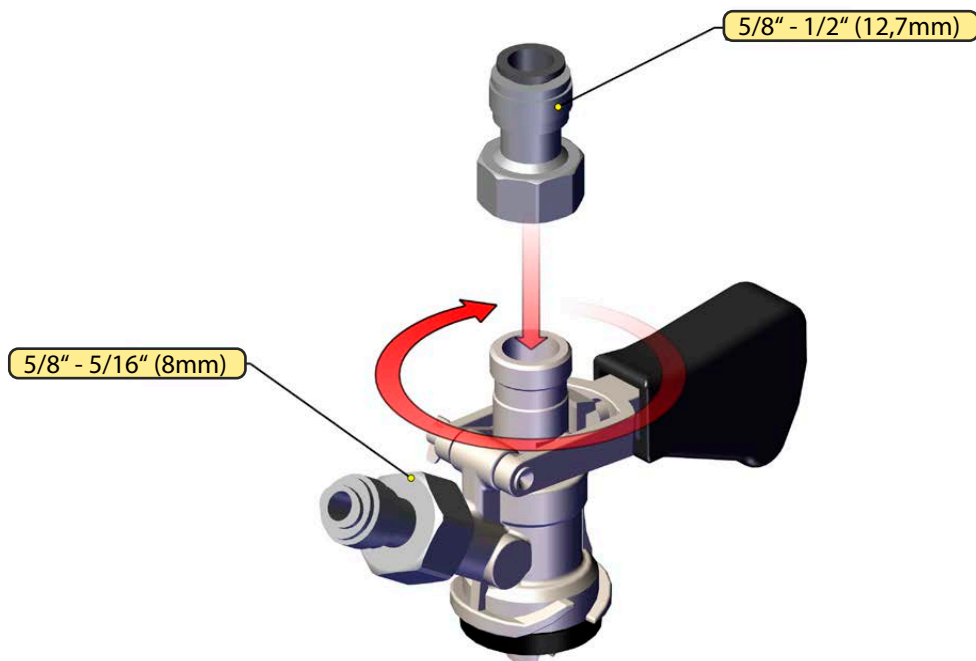
figure 9 D



**⚠ WARNING:** Before you screw the rapid coupling onto the 5/8" thread, make sure the keg coupler (air inlet for delivery medium) has a lip valve (check valve) fitted on it.

### 11.2 Outlet for Beverage

Screw an F 5/8" x 1/2" (12.7 mm) rapid coupling onto the keg coupler.



## 12. BEVERAGE SUPPLY CONNECTION AND PRESSURISATION:

1. Interconnect the cooler with the keg coupler by connecting a beverage tube onto the thread on the left side of the cooler marked as **INLET 1**.

2. Interconnect the cooler with the keg coupler by connecting an air tube onto the thread on the left side of the cooler marked as **AIR**.

### Recommended Accessories:

- SPO 00362 JG F5/8x8mm
- HAD 01940 Hose 5/16" (6x8mm)
- SPO 00361 JG F5-8x12,7mm
- HAD 01865 Hose 1/2" (9,5x12,7mm)

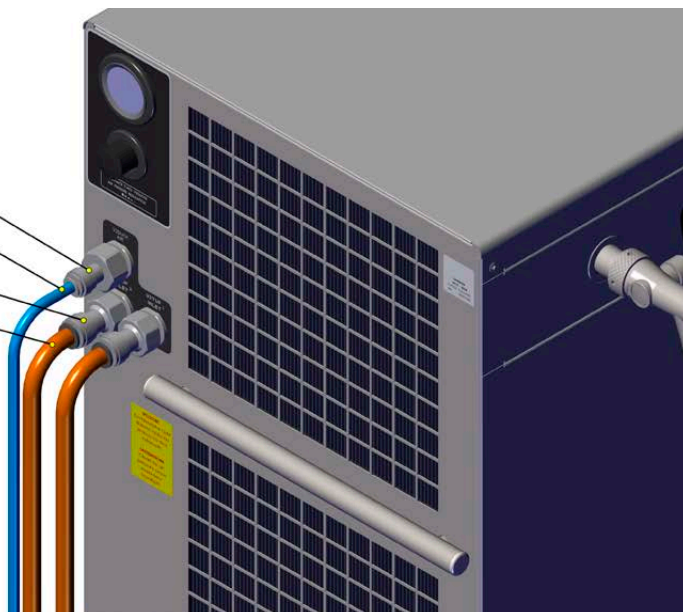


figure 10 A

10

Plug the 1/2" beverage hose leading from the cooling device into the 5/8"- 1/2" (12.7 mm) rapid coupling (beverage outlet on the keg coupler).

Plug the 5/16" air hose leading from the cooling device into the 5/8" - 5/16" (8 mm) rapid coupling (air inlet on the keg coupler).

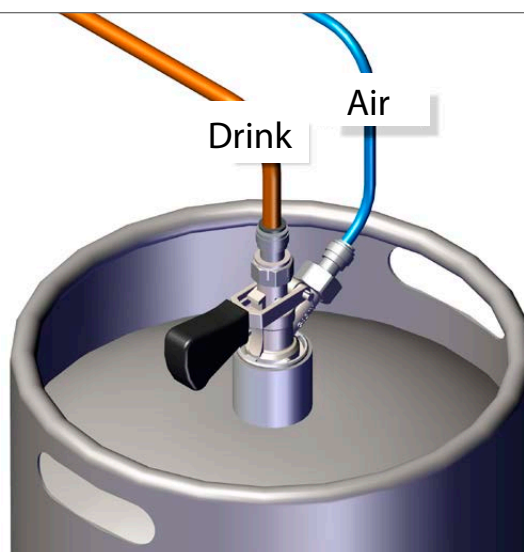
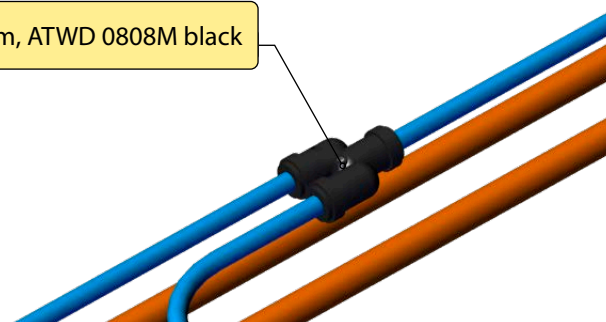
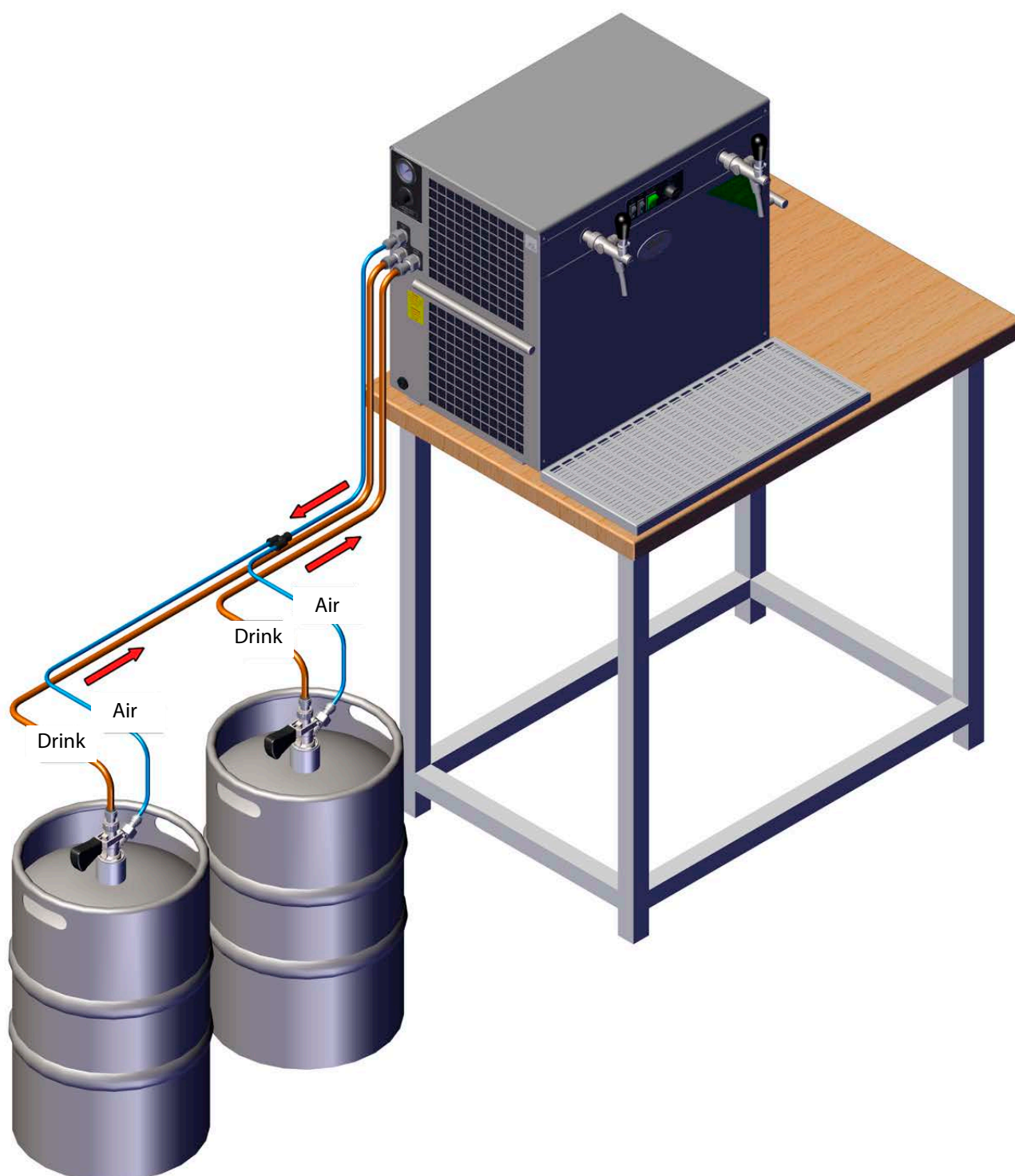


figure 10 B

SPO 01365 DM Y 8mm, ATWD 0808M black

To connect air supply to two kegs, use a 5/16" (8 mm) Y adapter.





**i NOTE:** The figure shows a model connection example; for other connection options, consult a specialised company or the manufacturer.

### 13. INLET AND OUTLET MARKING:

figure 12 A



figure 12 B

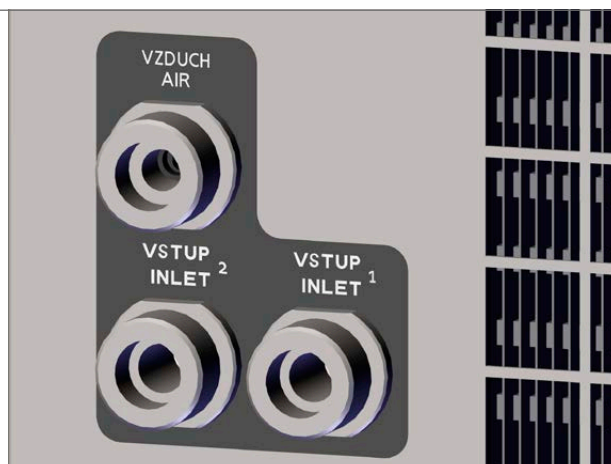
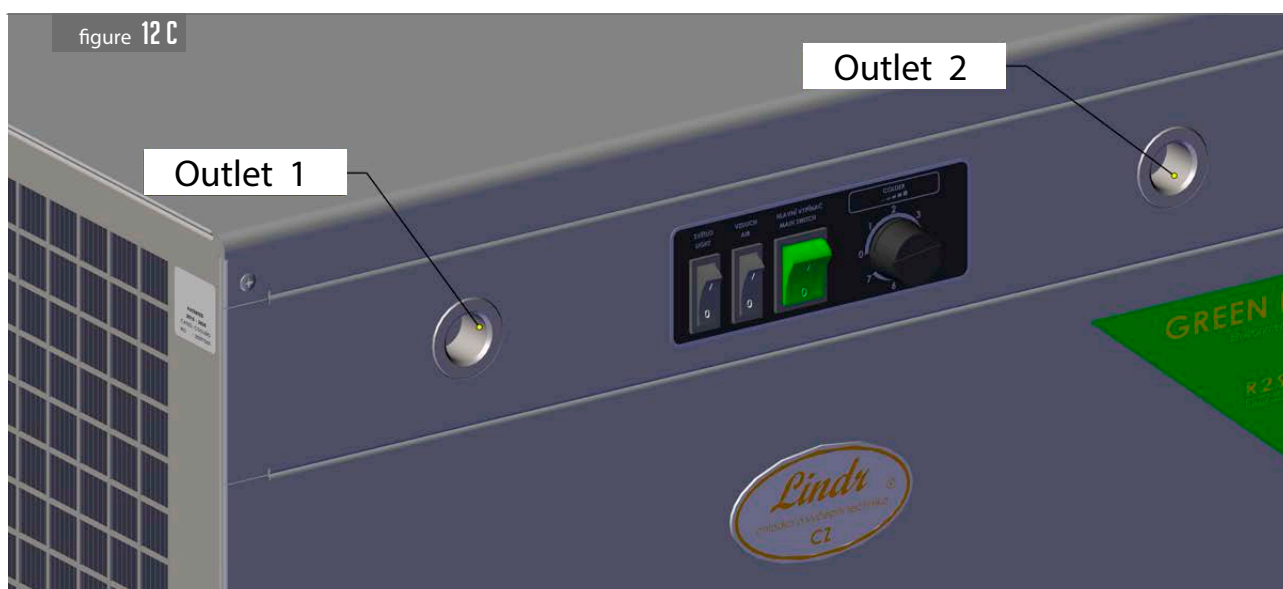


figure 12 C



## 14. BUILT-IN AIR COMPRESSOR:

figure 13 A

**(ONLY FOR TYPE KONTAKT 300/K)** The air compressor is built into the cooling device itself. The compressor can be turned off separately with a switch. Air pressure is controlled automatically. Output pressure can be set in 1-4 bar range using a regulator knob. The air outlet from the cooler terminates in a 5/8" thread and is marked with the word AIR. The air compressor is zero-maintenance, fitted with a molecule filter for the drawn-in air.

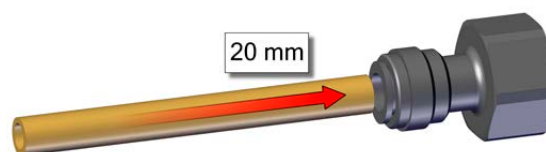


## 15. HOW TO WORK WITH SPEED FITTINGS:

### 15.1 Speed fitting Installation:

figure 13 B

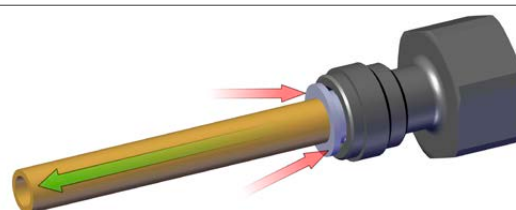
Grasp the speed fitting and insert the hose all the way inside the speed fitting body (ca. 20 mm). The end of the hose must be straight so that it plugs fully into the coupling. If the hose will not go in, moisten the end of the hose.



### 15.2 Speed fitting Removal:

figure 13 C

Hold the grey ring tight against the body of the speed fitting and pull out the hose.



**⚠ WARNING:** If you do not hold the grey ring but pull at the hose, the speed fitting will cut even deeper into the hose.

**⚠ WARNING:** Hoses must not be pressurised during removal.



## 16. THERMOSTAT PLACEMENT:

figure 14 A

The mechanical thermostat with 1 -7 numerical scale located on the front of the cooler.



## 17. TEMPERATURE AND ADJUSTMENT:

The temperature of the cooled beverage is controlled by a mechanical thermostat in temperature range of 2 °C to 8 °C.

figure 14 B



0 = OFF

figure 14 C



1 = MAX. BEVERAGE TEMPERATURE

figure 14 D



7 = MIN. BEVERAGE TEMPERATURE

**⚠ WARNING:** If you are using the cooler to cool non-alcoholic beverages, set the thermostat knob to no. 5 at the most, otherwise, there is a risk of the beverage freezing in the cooler's tubing and damaging the device.



## 18. KEG TAPPING AND UNTAPPING:

### 18.1 Keg Tapping:

Procedure for tapping a keg using an S system keg coupler:

**⚠ WARNING:** Make sure the adapter is clean before tapping the keg!

S system keg coupler

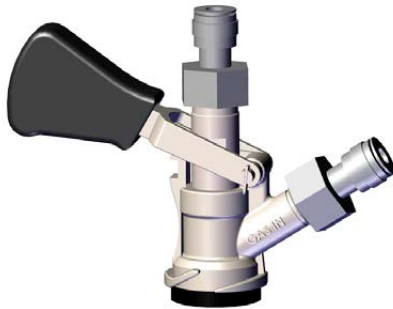


figure 15 A

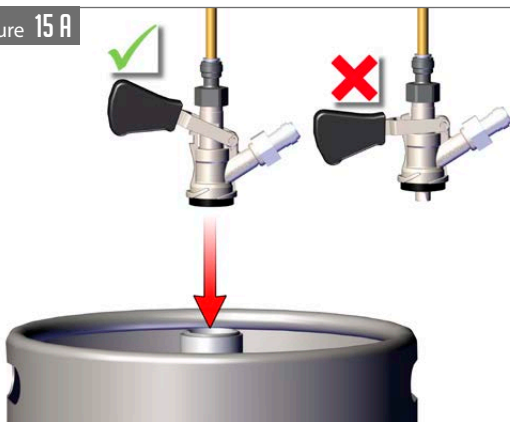


figure 15 B

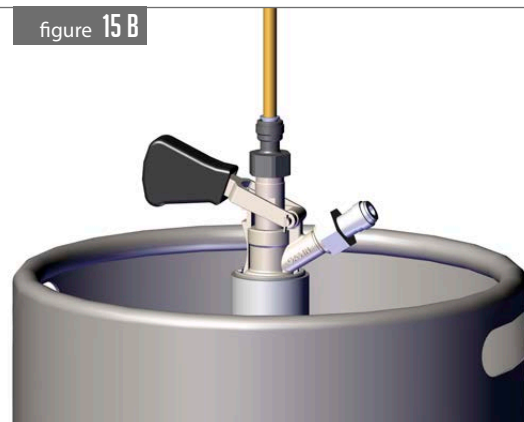


figure 15 C



figure 15 D

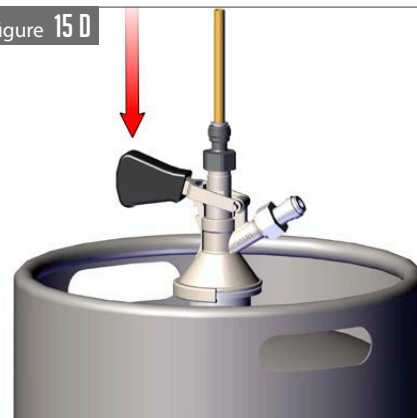
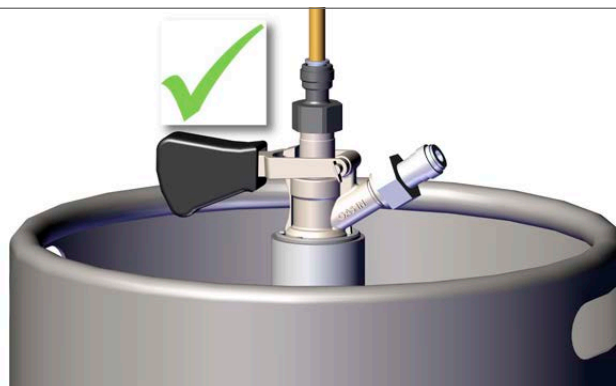


figure 15 E



## 18.2 Keg Untapping:

Procedure for untapping a keg using an S system keg coupler:

figure 16 A

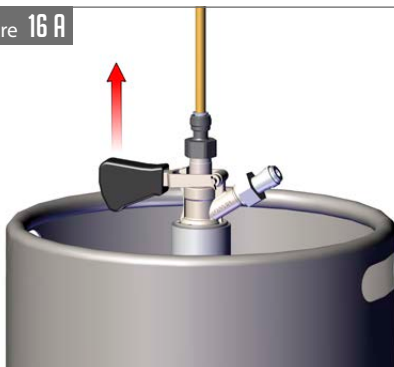
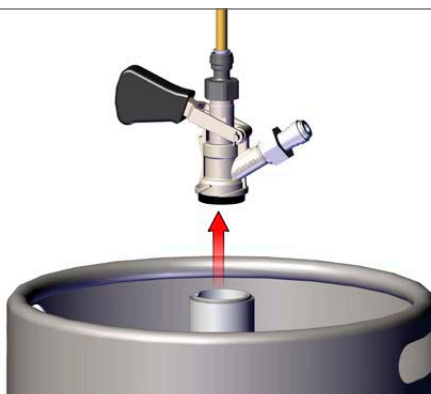


figure 16 B



figure 16 C



## 18.3 Keg Tapping:

Procedure for tapping a keg using an A system keg coupler:

**⚠ WARNING:** Make sure the adapter is clean before tapping the keg!

A system keg

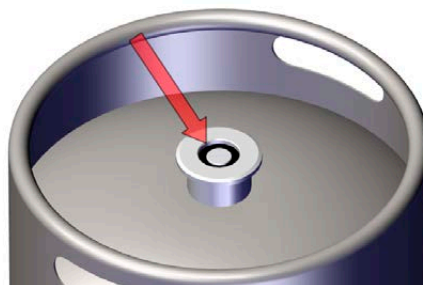
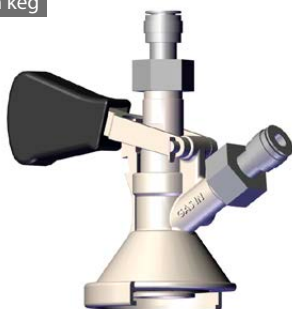


figure 16 D

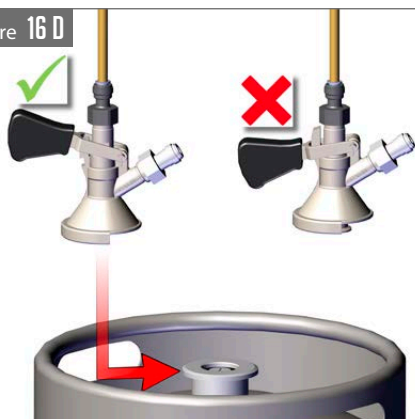


figure 16 E

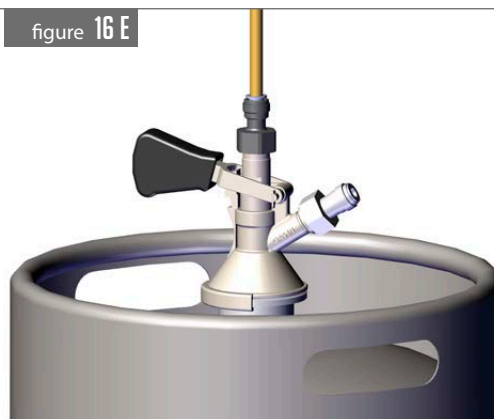


figure 17 A

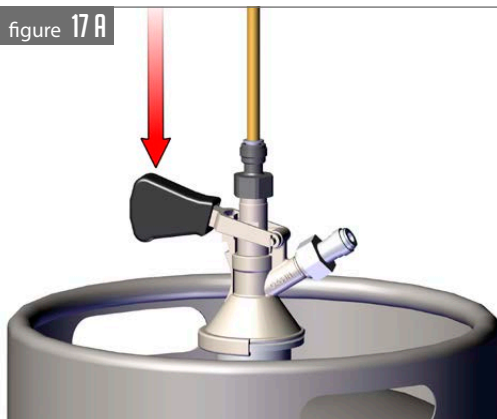
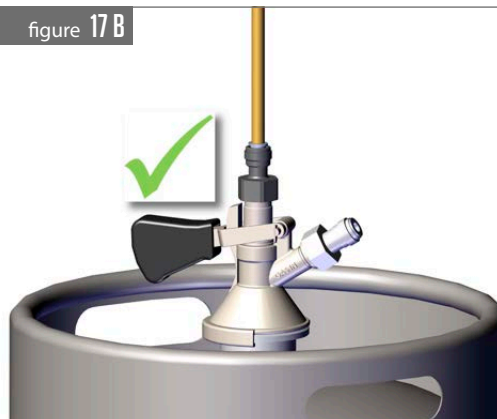


figure 17 B



#### 18.4 Keg Untapping:

Procedure for untapping a keg using an A system keg coupler:

figure 17 C

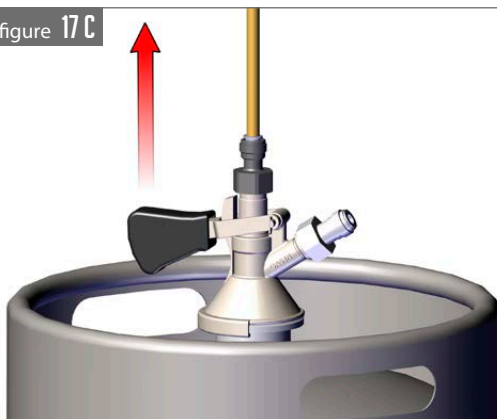
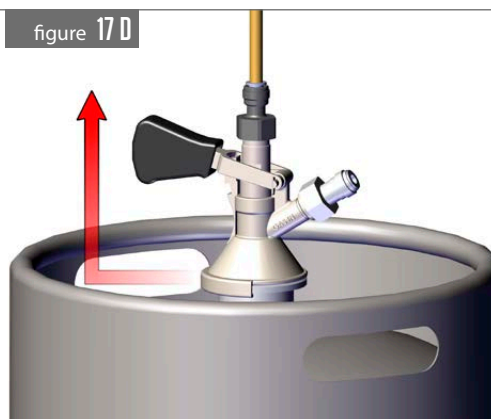


figure 17 D



### 19. PUTTING INTO OPERATION

1. Connect the air and beverage tubing according to point 12.
2. Set the thermostat to 0 position.
3. Connect the cooler to the power mains.
4. Tap the keg in accordance with point 18.
5. Turn on the air compressor on using the switch and pressurise to the required pressure of 1.0-3.4 bar.
6. Check that all the joints and connections are sufficiently tight.

**⚠ WARNING:** If leakage is found, untap the keg according to point 18 and turn off the device. Fix any leaks found on the tubing. If a leak is found inside the device or you are unsure how to proceed, contact a service centre.

7. Use the dispensing tap to let out some of the beverage and check that there is no water in the device.

**⚠ WARNING:** Never turn the device on if there is water in the device. May cause freezing of the beverage tubing and damage the device.

8. Set the desired temperature on the thermostat – see point 17.
9. The beverage is now cooling; once cooled (ca. 5-10 minutes) you can start pouring the first drink.


## 20. MAINTENANCE:

Flush the beverage tubing of the cooler after each use with pressurised water (see Sanitation by Water). To make flushing easier, use a sanitation adapter according to your type of keg coupler (not included in standard accessories). The cooler must be sanitised once every

14 days by a person with chemical engineering qualifications. The condenser must be checked for cleanliness every month. Any dirt found must be cleaned with compressed air or wiped off. Otherwise, there is a risk of reduced cooling output or damaging of the cooler.

## 21. INSPECTION BEFORE EVERY USE:

1. Visual check.
2. Lead-in cable check.
3. Condenser cleanliness check (in case of excess pollution of the condenser, clean more frequently than 1x a month).

 **WARNING:** Do not use the device if defects or malfunctions are found.

## 22. PERIODIC CHECKS

✓ 1x a week: check that the lead-in cable is undamaged and that the plug is firmly in the socket.

✓ 1x a week: check that the device is not exposed to radiant heat.

✓ 1x a week: check that air circulation is not obstructed.

✓ 1x a month: check the cooling unit's condenser and clean it regularly.

✓ 1x a year: have an engineering inspector check the electrical safety of the device.

## 23. ENVIRONMENTAL PROTECTION:

### **Waste Sorting:**



This product must not be disposed of in communal waste. Electrical waste in the Czech Republic is disposed of within the Rema System ([www.remasystem.cz](http://www.remasystem.cz)).

***In countries other than the Czech Republic, waste sorting is subject to local regulations.***



Sorted waste enables recycling and reusing used products and packaging materials. Re-use of recycled material helps protect the environment from pollution and reduces resource consumption. Local regulations may regulate the method of disposing household appliances at local collection points or at the point of sale.

## 24. CLEANING THE CONDENSER:

The condenser must be cleaned with compressed air 1x a month.

figure 19 A

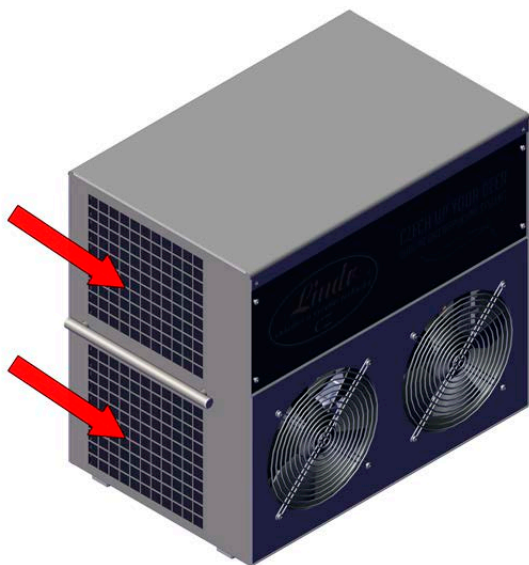


figure 19 B



## 25. SANITATION BY WATER: (*sanitation adapter*)

Connect the sanitation adapter (not included) to water mains using a hose.

**WARNING!** Maximum water temperature must not exceed 25 °C.

figure 19 C

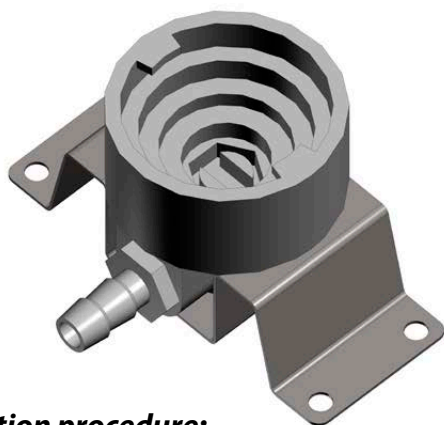
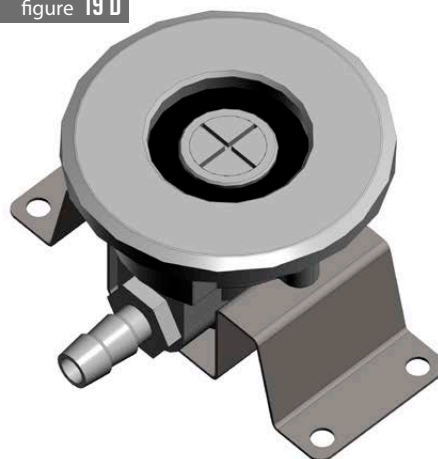


figure 19 D



### **Sanitation procedure:**

Once you have finished a keg, connect the keg coupler to the sanitation adapter the same way as if you were tapping a keg. Once connected, turn the bar tap lever to open position and keep it open until clean water flows out of the tap (all beverage residue and partial sediments flush out).

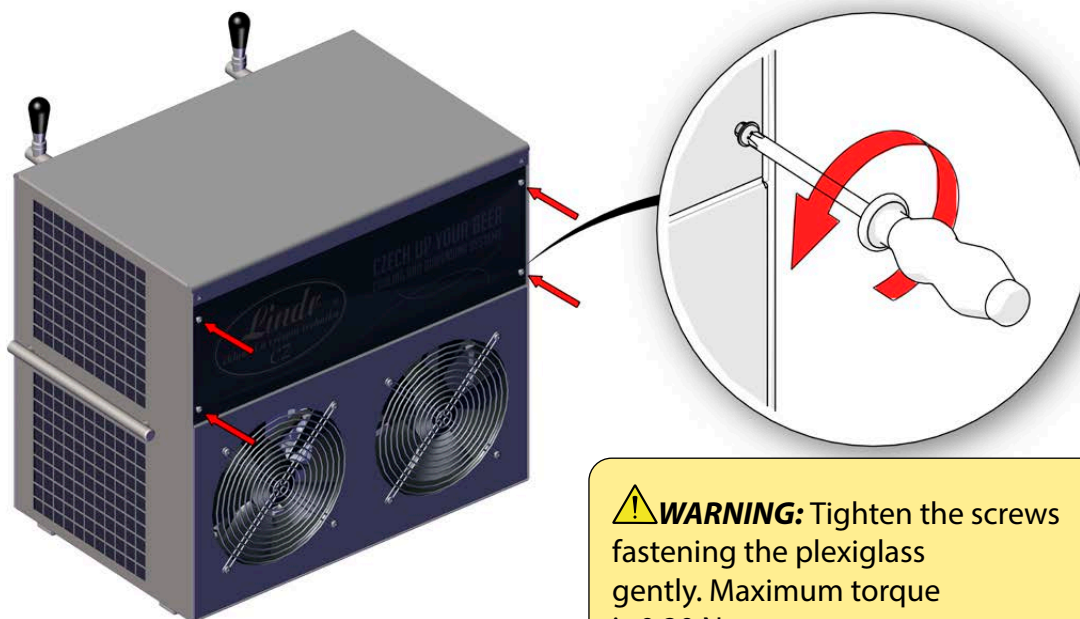
**NOTE:** Sanitation adapter is not included.  
Can be purchased as an accessory for the cooler.



## 26. CHANGING THE ILLUMINATED ADVERTISING PANEL:

The advertising panel can be changed on customer request.

figure 20 A



**⚠ WARNING:** Tighten the screws fastening the plexiglass gently. Maximum torque is 0.20 Nm.

### Instructions for Replacement

1. Disconnect the device from power.
2. Remove the four M4x20 screws
3. Remove the covering plexiglass
4. Remove the current advertisement placard
5. Insert a new advertisement placard
6. Replace the covering plexiglass
7. Insert spacers and four screws, lightly tighten M4x20 (max. 0.2 Nm)

figure 20 B

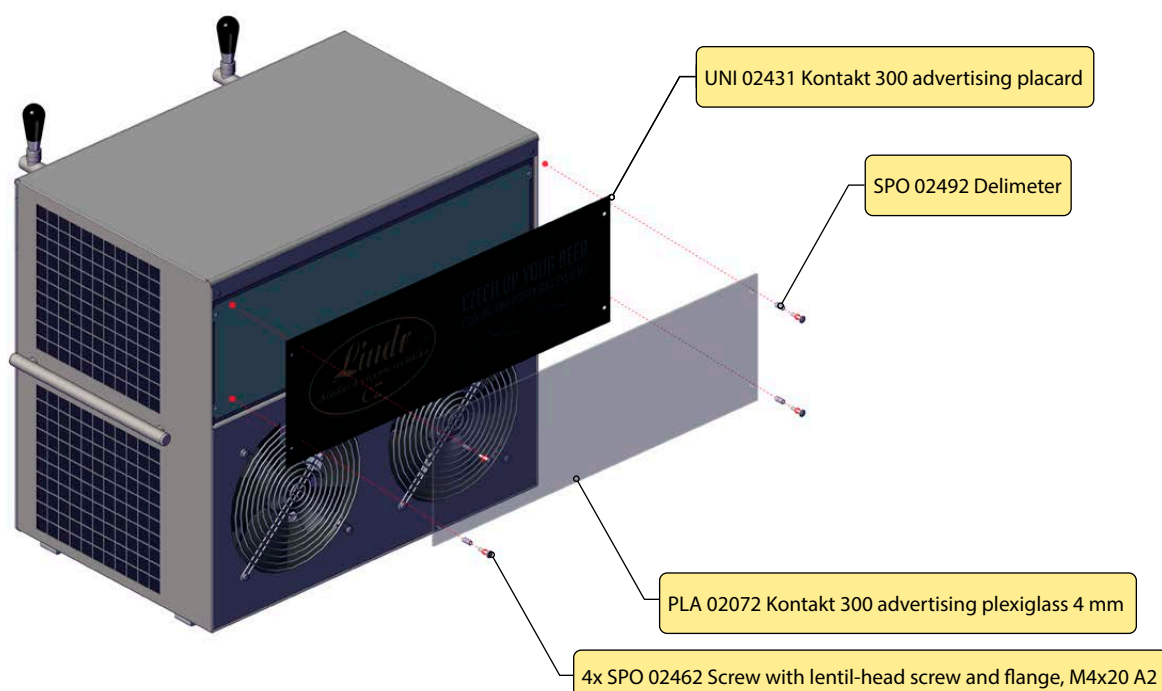
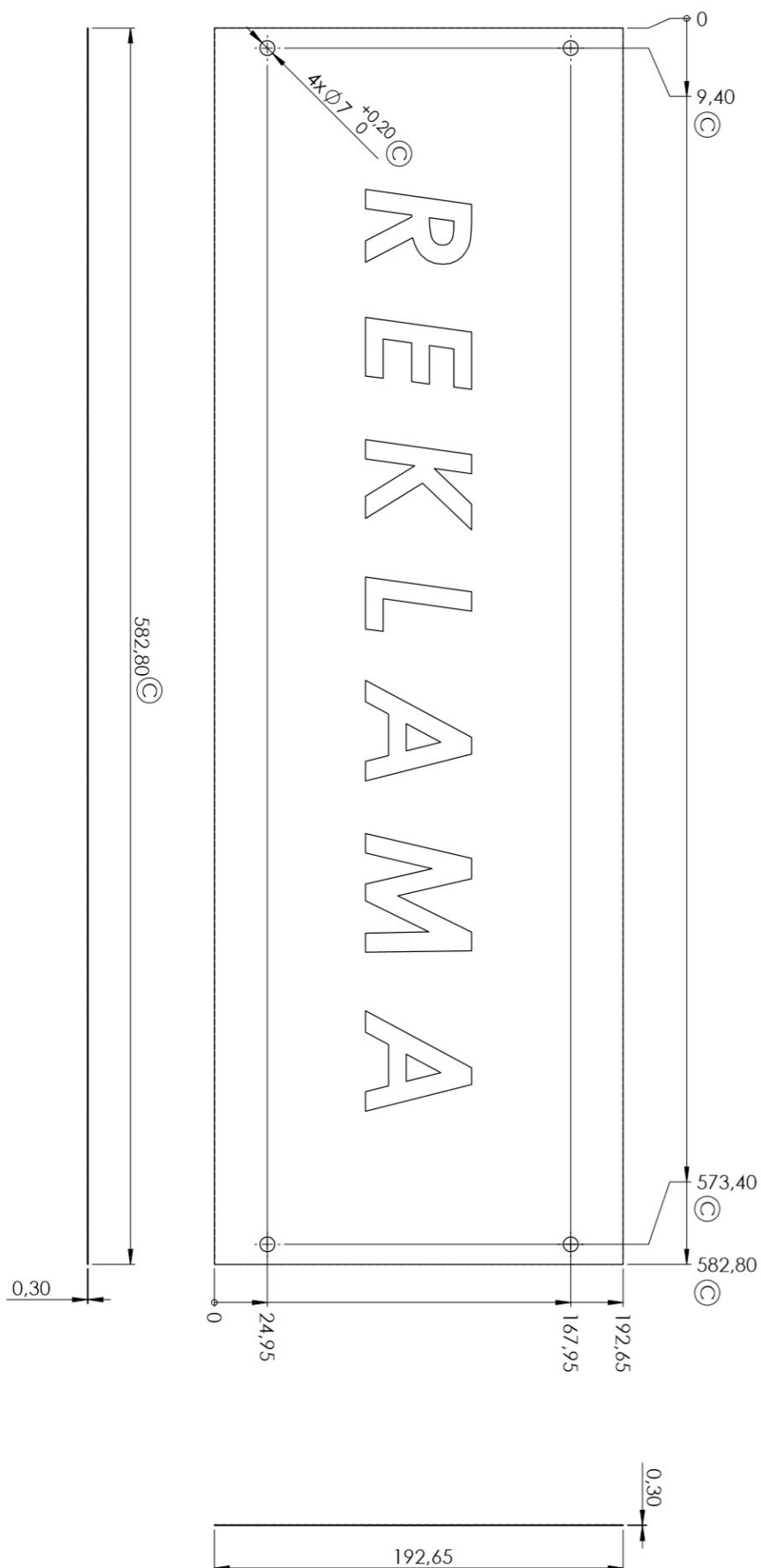




figure 21A



## 27. TABLE OF MALFUNCTIONS:

<i>Malfunction</i>	<i>Cause</i>	<i>Removal</i>
beverage does not flow	keg tapped incorrectly	check that the keg coupler lever is pushed down
		device with built-in compressor - turn on the switch
	water from sanitation froze	turn off the device; then wait until the beverage starts flowing again (may take a few minutes, or hours!)
	compensator is closed	move the compensator lever
beverage cooled insufficiently	incorrect thermostat setting	turn the thermostat knob to the right towards number 7
	poor air circulation	check the cleanliness of condenser plates
	device overheats	place the device in a colder environment
tap jerks, drink sprays out	pressure too high	reduce delivery medium supply, reduce pressure in the keg
air compressor does not switch on		press the switch on the cooler by the device (K profi), turn the regulator screw to the right
air compressor does not switch off	leakage	pull out and reinsert the air hose, tighten the nuts on the keg coupler
beer foams excessively		reduce beverage temperature - turn the thermostat knob to the right
		regulate flow rate by pushing the compensator lever up
speed fittings leaking	hose poorly inserted	pull out the hose, check that the end of the hose is flat (not at an angle), level off with a knife if needed
	scratches on the hose	pull out the hose and shorten by ca. 2 cm



**NOTE:** If the defect persists even after the above steps are taken, contact a service centre.

**Do not forget to specify the following:**

- type of defect
- product type
- production year
- product's serial number (found on the label)

**Ordering Components**

ALWAYS USE ORIGINAL COMPONENTS. The manufacturer or supplier bear no responsibility for non-original components or components not recommended by the manufacturer.

**28. SPARE PARTS**

When ordering spare parts, always provide the following:

- product type
- production year
- product's serial number
- full name of the spare part and its number

**29. TECHNICAL DATA**

<b>Name</b>		<b>Kontakt 300/K Twin Power Green Line</b>	<b>Kontakt 300 Twin Power Green Line</b>
Power	(Hp)	2 x 1/2	2 x 1/2
Power	(W)	2x 1488	2x 1488
Maximum output	(l/hour)	300	300
Continuous output	(l/hour)	240	240
Temperature difference	$\Delta t$ (°C)	10	10
Coolant type		R290	R290
Voltage	(V/ Hz~1)	220 – 240 V 50Hz~1	220 – 240 V 50Hz~1
Input power (W)	(W)	1380	1150
Current (A)	(A)	6	5
Frame dimensions	(WxDxH mm)	595 x 390 x 550	595 x 390 x 550
Net weight	(kg)	76	70

