

Operating Instructions

KIC Cooling Counters/Tables

acc. to German Accident Prevention Regulations for Cooling
Systems VBG 20 § 20



We are very pleased to have the opportunity of presenting our new KÜHLA counters and tables to you today. These units of cooling equipment are stationary serving counters and tables for drinks and packaged food (classification 3M2).

Through purchasing this item of equipment, you have selected a product which combines the highest technical demands with practical ease of operation. Therefore, we would like to ask you to read the following pages carefully so that you are able to quickly familiarise yourself with your new cooling unit. Please keep this operating instruction manual in a safe place for future reference in case maintenance and repair work are necessary.

The operating instructions only apply to our ready-to-plug-in models and do not have any relevance to our basic elements without integrated cooling technology.

For any further questions and service, please contact our team by telephone or e-mail. We would be glad to help.

We wish you a lot of enjoyment with your new KÜHLA units.

Your Kühla-Team

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Operating instructions | KIC COOLING COUNTERS/TABLES

The following notices refer to our ready-to-plug-in models from the series:

- KIC Kompakt cooling counter, 915 mm net total height (including base); with cover: 965 mm
- KIC Elements cooling counter, 915 mm net total height (including base); with cover: 965 mm
- KIC Euro-speed-line cooling counter, 915 mm net total height (including base); with cover: 965 mm
- KIC Kompakt cooling table (under counter), 500 mm net total height
- KIC Kompakt cooling table, 650 mm net total height



<< Model examples of KIC cooling counters ready-to-plug-in, fully assembled



>> Model examples of KIC cooling tables ready-to-plug-in, fully assembled



1 General Information

1.1 Delivery scope

Our model series of cooling counters and tables are tailored to be combined and expanded according to the specific needs of our customers. Please note, therefore, that the description of components in the instructions does not necessarily apply to your particular model. Please refer to your order confirmation or delivery note for a detailed summary of the scope of your delivery.

1.2 Conventions and general provisions

Please bear in mind ...

- the applicable laws, standards and regulations
- the country-specific regulations
- the state of the technology at the time of initial start-up
- the present operating instructions
- that the technical design of the units may change without notice
- that operating instructions only contain general provisions. Please observe these in the context of your system

1.3 Legal provisions

The operating instructions are an integral part of the equipment, guarantee and statutory warranty. It must be passed on to the user. Within the framework of the statutory warranty, defects in electrical components due to faulty manufacture or material defects will be resolved free of charge within a period of six months. Furthermore, KÜHLA products are guaranteed for two years. Defects in equipment which are based on faulty manufacture or material defects will be repaired or exchanged free of charge within the two-year guarantee period.

Please note:

The guarantee or warranty is void if the product has been tampered with or misused in any way.

1.4 Safety guidelines

All generally applicable safety regulations were observed in the manufacture of your cooling unit. Before leaving the factory your cooling unit underwent a final inspection. During the process, all electrical parts were examined to ensure they were fully functional. The test report of in-production testing of electrical appliances for household use and similar purposes according to EN 60335/VDE 0700 is enclosed with the cooling unit. Please ensure that the touch guard has been correctly installed in accordance with VDE regulations.

2 Use

2.1 Intended use

The cooling unit is intended to be used as a stationary serving counter/table for dispensing food and drink. Only drinks or food may be stored in the containers and storage compartments provided with the KIC cooling units. Please avoid storing aggressive foodstuffs which contain acetic or lactic acid or similar ingredients without the appropriate protective packaging and do not overload your cooling unit. This may impair the cooling capacity. Please only use the cooling unit for the intended use indicated.

Please note:

Proper functioning of your cooling unit is only guaranteed if assembly, installation and operation have been conducted in accordance with the operating instruction manual.

2.2 Appropriate use

Appropriate use also includes reading and observing the assembly and operating instructions and compliance with the inspection and servicing conditions. The counter/table is operationally safe in accordance with the state of the art applicable at the time of delivery and the recognized safety regulations. Nevertheless, a danger to life and/or limb of the user or third parties and/or damage to the counter/table and other property may arise through its use, if improperly handled by untrained personnel or if used for any other purpose than that for which it is intended.

Please note:

Please never use your cooling unit for any other non-specified purpose!

In order to prevent risks to the user and to avoid damage to the counter/table, the cooling unit may only be used when in perfect working order and by observing its intended purpose as well as having due regard for aspects of safety and hazards! The unit is only intended to be used for the purposes listed in Section 2.1! The manufacturer/supplier is not liable for any damage resulting from inappropriate use. The user bears the risk.

The counter/table is to be so fitted that it provides easy access for maintenance and repairs. Should dismantling of safety devices be necessary owing to maintenance and repair work, please remember to check all the safety devices immediately following completion. Please always firmly tighten all loosened screw connections after maintenance and repair work. Please dispose of exchange parts, working- and auxiliary materials safely and in an environmentally-friendly manner.

Please note:

Modifications are only permitted by the manufacturer. Repairs may only be undertaken by a qualified professional or by our customer service centre. Only original replacement parts may be used. If interventions or changes have been performed on the cooling unit, then warranty claims are void.

2.3 Inappropriate use

Safety, protection and control systems may not be adjusted or rendered ineffective. Please avoid any intervention with the cooling circuit and the cooling unit. Leak-detection and refilling of refrigerant are only permitted by the manufacturer or the customer service centre. When refilling with refrigerant, please only use the refrigerant indicated on the label. Ensure that the ventilation stack is not covered or blocked and that the condenser and the cooling machine's (compressor) air vents are not covered, blocked or otherwise restricted in its transverse section.

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2.4 Requirements for staff

- Do not expose the unit to extreme weather influences such as rain, direct sunlight etc.
- Please instruct everybody coming into contact with the cooling unit on how it should be correctly handled
- Always pull the power plug out of the socket outlet directly via the plug and not via the cable
- Do not overload the cooling unit. The cold must be able to circulate
- On a weekly basis, please remove dust and deposits from the cooling machine (compressor) using a hand brush or vacuum cleaner to ensure that the cooling capacity remains stable
- Ensure that the air intake areas and air outlet areas on the cooling machine (compressor) are not blocked or covered
- Do not allow children to be unattended near the cooling unit
- Please keep packaging materials (plastic bags, foil, styrofoam, nails, screws, wooden panels etc.) out of the reach of children

3 Emergency Measures

3.1 Behaviour in the event of malfunctions

Regardless of the instructions below, local safety regulations shall continue to apply for operation of the cooling unit. In the event of a fault, please immediately switch the cooling unit off and unplug the power plug or remove the fuse. The unit may only be put back into operation after the fault has been successfully dealt with.

Please note:

Electrical repairs may only be carried out by authorised professionals! Only original replacement parts which have been obtained from the manufacturer may be used.

In the event of a fire, containers and systems filled with refrigerant may violently explode. Refrigerants themselves are not flammable, however, at high temperatures they can decompose into toxic products. In the event of a fire, please cool the containers and systems with a jet of water. For your own safety use self-contained breathing apparatus.

3.2 Information regarding special hazards

3.2.1 Electrical energy

Please immediately turn the cooling unit off if any disturbance to the supply of electric power occurs! Please note that work on electrical systems or electrical controls may only be conducted according to the electrotechnical rules by a qualified electrician or instructed persons under the direction and supervision of a qualified electrician. Appliances and components where inspection, maintenance and repair work is to be conducted must be disconnected from the power supply and voltage-free. First check the disconnected parts are voltage-free, then earth and short-circuit. Please isolate the neighbouring live parts.

Please note:

Electrical equipment is to be checked regularly. Defects such as loose connections or burnt wiring, must be corrected immediately on becoming aware of the issue. Only use voltage-isolated tools.

3.2.2 Noise level

The workplace-related emission value of the sound level is less than 70 dB (A).

4 Technical Data

The values listed here correspond to the standard model versions. They may vary according to modifications and type. Additionally check the details on your order confirmation and on the counter/table label. Please also note that temperatures – as indicated – can be affected by external influences. These include, for example, lamps, radiant heaters, cooking equipment etc.

4.1 Classification

3M2

4.2 Ambient temperatures

Optimized for an ambient temperature of +26 °C at 60 % rel. humidity

Maximum temperature machine room: +38 °C

4.3 Adjustment range thermostat

Default setting: +1 °C to +15 °C, factory setting: +7 °C

4.4 Performance cooling machine (compressor)

Number cooling compartments	Cooling unit Danfoss R134a	Supply voltage cooling unit (Volt/Hertz)	Cooling performance unit at VT –10 °C (Watt)	Power consumption unit at VT –10 °C (Watt)	Cooling performance evaporation system at VT –10 °C (Watt)
1 RC	Type TL 5 GX T2	230 V/50 Hz	215 W	225 W	220 W
2 RC	Type FR 8. GX T2	230 V/50 Hz	372 W	325 W	250 W
3 RC	Type FR 8.5 GX T2	230 V/50 Hz	372 W	325 W	320 W
4 RC	Type SC 10 GX T2	230 V/50 Hz	451 W	350 W	450 W
5 RC	Type SC 10 GX T2	230 V/50 Hz	451 W	370 W	2 x 250 W

5 Delivery and Transportation

5.1 Incoming goods and initial inspection

Please examine your cooling unit immediately upon arrival for any damage caused during transit. Failure to notify any damage caused during transit in a timely or proper manner will result in loss of entitlement to settlement! Should any damage be determined, this is to be confirmed by the carrier. Please unpack and inspect the delivery item immediately upon receipt and determine its condition and operability. In the event of damage, please notify either us or your supplier regarding the nature and extent of the defect. Our claims department is responsible for notifying the insurance company regarding cooling unit delivered by us.

Please note:

Do not assemble counters/tables with obvious defects. In such an event you will lose any claims to your guarantee and warranty.

5.2 Disposal of the packaging

All furniture are covered by a protective film of polyethylene to protect the surfaces during despatch. Please remove this film immediately upon receipt as the film hardens when exposed to sunlight making removal difficult. Please return all recyclable packaging material to the usual local recycling collection centre so that it can be forwarded for reprocessing.

5.3 Disposal of the old appliance

Please make the old appliance inoperable before scrapping by cutting through the power cable. Please observe the valid regulations for environmentally-friendly and proper disposal.

6. Connection and Assembly

The cooling unit should be set up and connected by a professionally qualified fitter.

Please ensure that the cooling unit stands on a solid, dry base. Particularly ensure that the counter/table is horizontal so that the refrigerant in the apparatus is evenly distributed.

6.1 Electrical connection

Before connecting the cooling unit, please ensure that the details on the cooling machine (compressor) comply with the values from the in-house installation. Safety regulations must be adhered to under all circumstances.

Observe electrical safety. This is only guaranteed if the refrigeration appliance is properly installed and grounded according to the general provisions of the VDE. In case the socket outlet does not match the plug with earthing contact, the socket outlet should be replaced with one that is suitable. If necessary, please consult a qualified expert who will check your in-house installations.

The cooling unit is delivered ready-to-plug-in with a connecting lead approximately 1.5 metres long. For operation, please only connect the unit using a plug with earthing contact to an AC mains power supply with a nominal voltage of 230 V and a frequency of 50 Hz. In devices with a power input of less than 2 KW, the electrical supply must be fused with 10 A (time-delayed), in devices with a higher power input with 16 A (time-delayed). It is not permitted to use the connection with any other voltage, type of current or frequency. Installation of the plug with earthing contact is to be carried out by an electronics expert. National regulations must be observed.

6.2 Waste water connection

The accessories supplied may be used for connecting purposes:

- belonging to the sink: drainage fittings and -valve, stand pipe
- belonging to the body: drain tap $\frac{3}{4}$ ", pipe coupling $\frac{3}{4}$ ", elbow $\frac{3}{4}$ " (KIC Kompakt, KIC Elements, KIC Kompakt cooling table, 500 mm; please see attachment 12.1; waste water connection; Page 9)

Please consult a qualified professional for connecting to the waste water. Please ensure that the counter/table stands horizontally on the base so that the condensed water is able to drain easily. Please check after installation and prior to the initial set-up, whether the water from the bottom drain drains away easily and whether the screw connection for waste water and the drain trap are tightly closed. For models without bottom drain a pipe for condensation water is connected with the evaporator bowl (KIC Euro-speed-line) or with the drain troughs in the back wall (Modell KIC Kompakt cooling table 650 mm). The pipe is leaded out on the right or left side of the cooling unit.

7 Initial Start-Up

The following notices refer to our ready-to-plug-in cooling units. If another company's cooling machine (compressor) and control mechanism are installed, please proceed according to their operating instructions.

7.1 Initial inspection

Inspect the cooling unit before initial start-up. Defective counters/tables must not be put into operation! When installing ready-to-plug-in cooling units it is essential to ensure that the heat generated by the cooling machine (compressor) can easily dissipate. Poor heat dissipation, especially at higher ambient temperatures, can lead to the cooling capacity of the cooling unit being greatly reduced. If heat accumulation is allowed to build-up, this can even lead to the cooling machine (compressor) being damaged.

Please note:

The counter/table is optimised for an ambient temperature of +26 °C at a relative humidity of approximately 60 %.

Under no circumstances may the ambient temperature directly at the mechanical cooling machine (compressor) exceed +38 °C for longer periods! (See also Section 4.2)

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7.2 Initial system checkout

Before initial start-up, allow a two hour period to pass between installing the cooling unit and starting the machine. This settling period is necessary so that the oil, which may have shifted during transit, can return back into the machine. Remove all protective film and clean the counter/table before initial start-up.

7.3 Connection of the cooling system to external cooling machines (units)

Our cooling units are supplied with pre-installed expansion valves and with outgoing copper pipes. By default, we use an expansion valve for the refrigerant R134a. If explicitly requested we can also install other expansion valves. Please check before installation of the cooling system, whether the correct expansion valve for your counter/table has been fitted.

Please note:

For special designs, see the order confirmation for the cooling capacity required. In the event that longer copper pipes are intended to be placed between the cooling unit and cooling machine (compressor), the loss of refrigeration should be correspondingly taken into consideration.

Please note:

We typically use R134a refrigerant.

7.4 Cooling machine (compressor) switching on/off

If the cooling unit is in order, please press the on/off switch . This is usually located directly on the thermostat, however the position of the switch may vary depending upon the features of the model.

Depending on your own operational requirements, you can leave your cooling units to run continuously. Regularly pre-set control and maintenance intervals guarantee the operation is reliably monitored. If desired, you can also turn off your cooling unit if there is no need to keep products cool for several hours. To do this, simply press the on/off switch  or unplug the power cord.

7.5 Stocking with products

Before stocking the cooling unit with chilled goods, please wait until the desired temperature has been reached. Never overfill with products.

8 Operation and Automatic Control Technology

The cooling system has been installed and adjusted by an expert at the factory. Please only allow specially trained personnel to service and repair your cooling unit. Largely restrict your activities to adjusting the temperature on the thermostats, stocking with products, defrosting and cleaning the cooling unit. We recommend contracting a local refrigeration company to service your machines.

8.1 General Information on operation

The regulator for your cooling unit has a pre-installed factory setting that ensures optimal operation. The cooling unit automatically reports when it is due for maintenance or when a service outside of normal operation is required. The abbreviations shown in the display provide information on the respective circumstance. For information regarding the meaning of each abbreviation, please see Table 1 on the right in the grey box (Page 6). During normal mode, the display shows the current cold room temperature (actual value).

In order to enter the menu, briefly press the button with the symbol  and immediately release again. By repressing the button  you can scroll through the menu and view the different pre-set data (see Table 2 on the right in the grey box; Page 6). To exit the menu and return to the current cold room temperature display, press the button with the symbol  or wait for 30 seconds. The thermostat will then automatically reset.

8.2 Resetting of alarm and maintenance messages

Resetting the display (RESET): At regular intervals, the regulator shows pending maintenance and service intervals. These are also accompanied by an audible signal. In order to reset the display, please select the corresponding menu item (see Description 8.1) using the button with the  symbol. The interval values can be displayed using the button with the  symbol. If the value is indicated on the display, keep pressing the button with the  symbol whilst simultaneously pressing the button with the  symbol. The value will be reset. If no further buttons on the display are pressed, after a short while the cold room temperature display (actual value) will reappear on the display. The pre-set maintenance and service intervals are not affected by a RESET process.

8.3 Adjustment of cooling temperature

By default, the refrigeration is factory set at a temperature of +7 °C. The temperature sensor is located at the hottest point in the recirculating air, i. e. as a general rule, all products are colder than the temperature displayed.

If you wish to change the pre-set cold room temperature, then proceed as follows: Press the button with the  symbol for half a second, in order to display the setpoint value. Once the target value is displayed, keep pressing the button with the  symbol and adjust the value using the  button or the  button until the desired value has been reached. Once the button with the  symbol is released, the new value is stored. The adjustment setting can take place within the pre-set temperature limits which lie between the minimum value of +1 °C and the maximum value of +15 °C. Please do not go below or exceed these values.

For further information, please read the enclosed detailed instructions on the related LAE thermostat (Company Berndt Contec; LAE Electronic).



Fig.: LAE Thermostat Type BIT25B1S2E-B KÜHLA



Defrost



Alarm



Cooling-/heating Output



Fan



UP button/
ECO Mode



DOWN button/
Manual defrost button (press for 2 sec.)



INFO button/
SETPOINT button



EXIT button/
STANDBY button



ECO mode/Second set-up
(Night operation for example/is not preset)

Table 1 Display Normal operation:

In normal operation, the display shows the actual temperature or one of the following abbreviations:

<i>dEF</i>	Defrost in progress
<i>oFF</i>	Electronics in STAND-BY mode
<i>cL</i>	Condenser clean warning
<i>do</i>	"Door Open" alarm
<i>hc</i>	Condenser high temperature alarm
<i>hi</i>	Cold room high temperature alarm
<i>Lo</i>	Cold room low temperature alarm
<i>ALr</i>	Generic alarm
<i>E1</i>	Probe T1 failure
<i>E2*</i>	Probe T2 failure
<i>E3*</i>	Probe T3 failure

Table 2 Info Menu Available Data:

<i>t1</i>	Instant probe 1 temperature
<i>t2*</i>	Instant probe 2 temperature
<i>t3*</i>	Instant probe 3 temperature
<i>th1</i>	Maximum probe 1 temperature recorded
<i>tLo</i>	Minimum probe 1 temperature recorded
<i>cnD</i>	Compressor working weeks
<i>LoC</i>	Keypad state lock

* Display will only appear if multiple probes are connected

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9 Care and Cleaning

9.1 Care and cleaning of the cooling unit

The cooling system should be cleaned once a week. Approximately one hour before cleaning is due to commence, switch off the system by pressing the  button on the thermostat. You may also disconnect by unplugging the plug with earthing contact. Leave the counter/table to defrost with the doors open until the evaporation system is free of ice. Never remove ice build-up on the evaporation system using sharp-edged objects in order to avoid damage. Check the condensate drain or condensate tray. Remove dirt and waste remnants from the products and clean the cooling section with a damp cloth. Please use lukewarm water with a dash of washing-up liquid added. Please refrain from using cleaning agents that contain abrasive agents in order to protect the surfaces. The rubber seals on the body and drawers can be removed without tools. Please clean the seals with glycerine and subsequently rub-down with talcum powder. After cleaning replace the rubber seals again.

9.2 Care and cleaning of the cooling machine (compressor)

In order for each of the air-cooled cooling machines (compressor) to operate trouble-free, ensure supply and discharge of fresh air is unhindered. Please ensure that during operation fresh air is able to flow freely directly in front of the condenser and the exhaust air is able to discharge above the machine. Any obstruction to the air flow from the fan leads to an overloading of the cooling machine (compressor) and can thereby lead to the motors burning out.

Regularly remove dirt from the condenser by suction cleaning with a vacuum cleaner. Dried on encrustations and fat residue should be removed at least every three months using a degreasing agent because dust and dirt particles which are attracted by the ventilator and drawn through the condenser form a dust carpet in front of the fin system and impair the performance of the machine. Please ensure that all materials to be disposed of are handed into the local recycling centre and forwarded for reprocessing.

9.3 Care and cleaning of a cover made of stainless steel

Clean the surfaces with commercially available cleaning agents specially designed for stainless steel. Please refer to the cleaning instructions provided by the respective cleaning agent manufacturer for information regarding dosage and other instructions for use.

9.4 Care and cleaning of a drip tray made of stainless steel

Clean the drip tray and sieve plate once a day for optimal hygiene standards. Use hot water for cleaning and a commercially available washing-up liquid or cleaning agent specially designed for drip trays. These agents especially prevent the build-up of unpleasant odours in the drip tray. Please refer to the cleaning instructions provided by the respective cleaning agent manufacturer for information regarding dosage and other instructions for use.

9.5 Care and cleaning of a sink made of stainless steel

Stainless steel sinks can be cleaned with the same cleaning agents which are used to clean the covers. Should glass brushes or a Spülboy be used, please use the special cleaning agents for this purpose. These agents especially prevent the build-up of unpleasant odours in the drip tray. Please refer to the cleaning instructions provided by the respective cleaning agent manufacturer for information regarding dosage and other instructions for use.

Please note:

*Do not use chlorine or acid-based care and cleaning products in the stainless steel areas.
They cause rust to develop.*

9.6 Care and cleaning of a cover made of solid surface material

Please see the separately enclosed care instructions for notes on this material.

9.7 Start-up after cleaning

After cleaning, examine the counter/table to ensure that no connections have come loose or damage caused. In the event of a defect or fault, please call in suitably qualified and competent specialists to deal with it.

Press the on/off switch  and, if necessary, replace the main power socket after cleaning to restart the machine.

Please note:

We can assume no liability for damage caused by failure to comply with these care and cleaning instructions.

9.8 Removal of condensation water

If the maximum ambient temperature is exceeded (see Section 4; Technical Data), which can often be the case for several days during the summer months, it may be necessary to wipe away condensation water from the glass panels and metal profiles more often than usual in order to prevent moisture damage.

10 Troubleshooting

If you notice any system malfunction on your cooling unit, first check whether any of the following examples apply and inform the customer service centre. In the event of a system malfunction, please immediately disconnect the cooling unit from the power system.

10.1 The cooling machine (compressor) is not running/Refrigeration is not working

- Check whether the on/off switch  for the thermostat has been switched on
- Check whether voltage is present and whether the safety plug sits firmly into the socket outlet
- Check the fuses in the fuse box
- If the fail-safe circuit of the switch cabinet or the protective switch gear trips again, then there is a defect in the electrical installation or the cooling machine (compressor)

In such an event, please call a local electrician for his expert opinion. This may help in most cases. Only contact the customer service centre if the electrician has determined a defect with the cooling machine (compressor) exists.

10.2 The cooling machine (compressor) is running but is not cooling

- Please check the temperature in the machine room. It should not exceed +38 °C. Supply air should be able to circulate freely
- Remove any possible dirt on the ventilation grilles of the cooling machine (compressor)
- Check whether evaporator fins in the cool room are covered in ice. Large amounts of ice prevent sufficient cooling (immediately defrost)
- Please determine the cause of this (condensate cannot drain freely, cooling doors do not seal properly, thermostat has been adjusted etc.)
- Check whether the fans on the evaporator in the cool room are functioning
- Please check the sight glass above the cooling machine (compressor). If the sight glass has coloured yellow or air bubbles are visible, either refrigerant gas is absent or moisture is in the cooling circuit. Please immediately call the customer service centre

10.3 The cooling machine (compressor) is not running although everything seems to be in order

- Check whether the machine is in the process of defrosting (see control light on the thermostat)
- Check the temperature in the outer area of the cooling section or in the cooling room! It is possible that the temperature is so low that the thermostat is not responding
- If you have carefully examined all the options with no success, please immediately notify the customer service centre

10.4 The panel is misting up on the outside

- Please check if the temperature has been set too cold
- Check whether steam-generating appliances are in the vicinity
- Test to see whether the relative room humidity is higher than 60–70 %

10.5 The panel is misting up on the inside

- Verify that doors or flaps have not been open too long
- Check whether the defrosting time is taking too long

10.6 The products are too cold

- Verify that the thermostat is correctly calibrated
- Check if the temperature has been set too cold
- Check whether you have read the instructions for stocking with products attentively (Section 7.5) and followed these correctly

10.7 The cooling is not cold enough

- Check whether the condenser has been cleaned
- Check the ambient temperature. It is possible that this is too high
- Check whether you have stocked your cooling unit with too many or too warm foods
- Check whether you have read the instructions for stocking with products attentively (Section 7.5) and followed these correctly
- Check whether the evaporator is in the process of defrosting
- Check whether the cooling machine (compressor) is sufficiently ventilated on the operator's and the customer's sides
- Verify that the thermostat is correctly calibrated

10.8 Calling your customer service centre

If you are ringing your customer service centre to report a fault, please state your exact and complete address along with your telephone and/or fax number to the person in charge. Please give the name of the sales vendor to the customer service centre and inform him which system it concerns. Describe in detail how the fault manifests itself and provide the customer service centre with a brief summary of what steps you have already undertaken yourself. The customer service centre will best be able to help you with this information.

For further questions please contact your sales vendor.

11 Maintenance

11.1 Inspection and maintenance schedule

The maintenance intervals are pre-set. For all further information please refer to the enclosed operating instructions of *Berndt Contec/LAE Electronic*.

11.2 Spare parts and consumables

Please contact your respective sales vendor for details when required.

11.3 Dismantling and disposal

First disconnect the machine from the power system. Please make the old unit inoperable before scrapping by additionally cutting through the power cable. Also ensure that the refrigerant in the device has been properly pumped out and disposed of by an authorised dealer.

Please observe the valid regulations for environmentally-friendly and proper disposal as a basic principle.

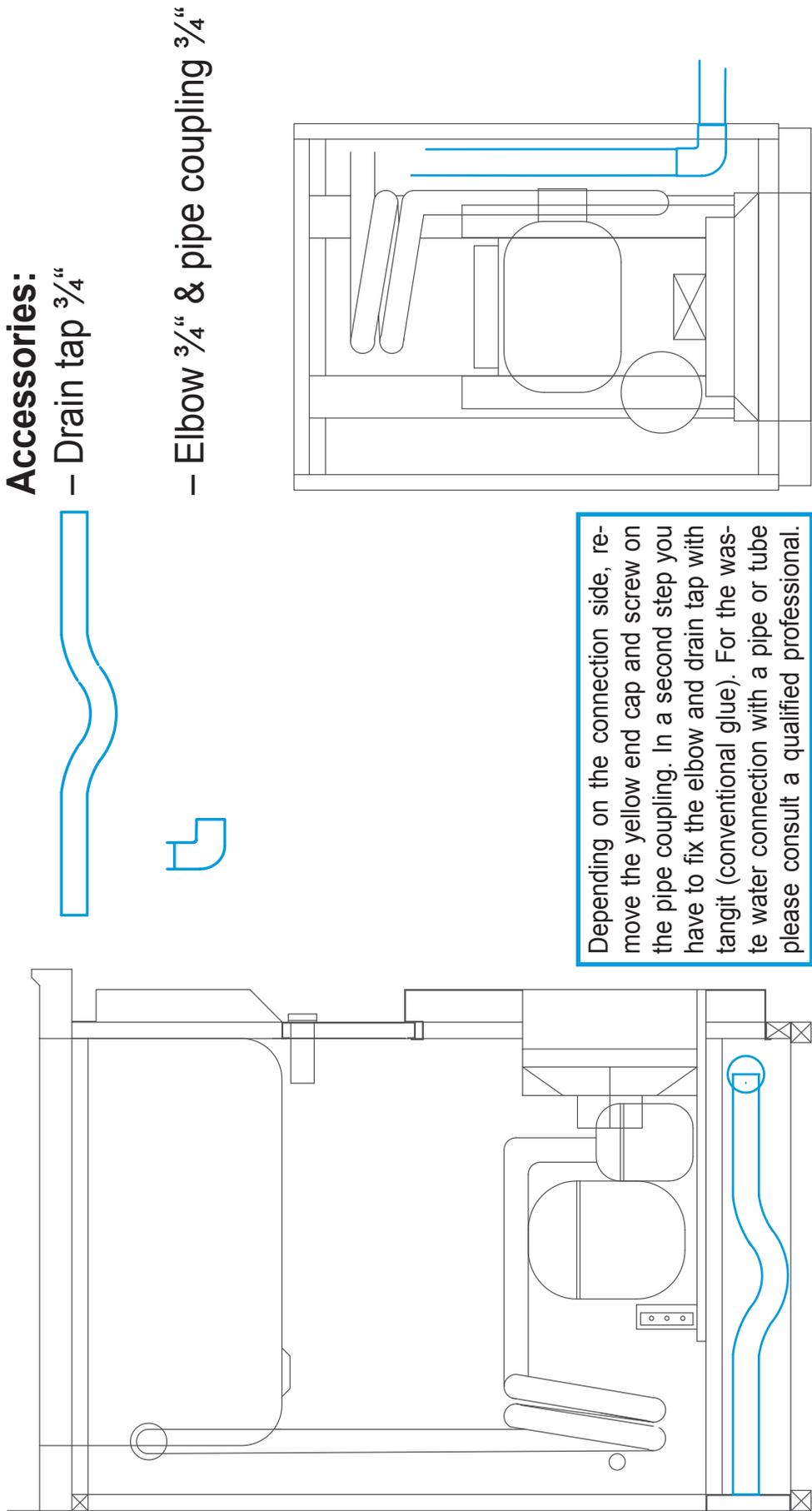
12 Attachments and further information

Depending upon your requirements and particular cooling unit, there may be further enclosures attached to these operating instructions, these may include: further instructions, general drawings, detail drawings, exploded assembly drawings, documentation etc. Please store all documents in a safe place.

Thank you very much!

Waste water connection

KIC Kompakt, KIC Elements cooling counters and KIC Kompakt cooling table (500 mm)



Depending on the connection side, remove the yellow end cap and screw on the pipe coupling. In a second step you have to fix the elbow and drain tap with tangit (conventional glue). For the waste water connection with a pipe or tube please consult a qualified professional.

Side view left

Plan view