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Manual

Water cooler

WWK22jdeCC
WWK22jdeCW

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Icons


General indication for: IMPORTANT, CAUTION or NOTE


Warning for possible damage to the device or injury


Warning for electricity and or power hazards

Rights

This manual has been compiled with all possible care, but Van West Koeltechniek bv cannot take accountability for any errors in this document or its consequences. Van West Koeltechniek bv reserves the right to change parts at any time without prior or direct notification to the customer. The contents of this manual can also be changed without prior warning. This manual is valid for the device in standard version. Van West Koeltechniek bv can therefore not be held responsible for any damage resulting from specifications deviating from the standard version of the device delivered to you. For information regarding adjustment, maintenance or repair not provided in this manual, please contact the technical service of the supplier.

Intended use

☞ This appliance may only be used for cooling tap water. Use for other purposes is impermissible and can be dangerous. The manufacturer cannot be held responsible for damage caused by use for purposes other than those indicated here or due to incorrect operation.

Safety instructions

☞ This appliance works with propane R290 and complies with the prescribed safety regulations. Improper use can lead to personal injury and material damage. Please read this manual carefully before using this appliance. This is safer for you and prevents damage to the appliance. Observe the sequence of operations to be performed and always keep this manual in the vicinity of the appliance.

Installation

Make sure that the appliance is undamaged and complete. The content of the package is: a cooler.

⚠ Do not damage the cooling circuit!

⚠ This appliance is designed for an ambient temperature between 16ºC and 32ºC.

⚠ Before switching on, this appliance must have been in its normal position for at least 6 hours to prevent damage from fluid stroke. See picture on front page for normal position.

⚠ Place the appliance level on a firm and stable surface near a water connection point.

⚠ Connect the appliance to a grounded outlet protected by an earth leakage circuit breaker.

⚠ This appliance must be built in a cabinet with two openings ≥200cm². The advice is to place it with the discharge side (fan) in front of an opening so that the exhausted air is outside the cabinet. Leave 15cm free around the appliance for air circulation

⚠ Do not place portable power outlets or portable power supplies near the rear of the appliance.

⚠ When positioning the appliance, make sure that the power cord is not trapped or damaged.

⚠ Connecting the appliance to the drinking water network must be carried out in accordance with the local regulations. According to Vewin water worksheet 3.8 (elaboration of the NEN1006), a controllable non-return valve (backflow protection type EA) must be installed to prevent possible backflow into the drinking water network.

⚠ Use the new hose sets supplied with the appliance when connecting to the water supply.

☞ - Use a ball valve to shut off the water supply in the event of an emergency.
- Use a water seal so that the water supply is shut off in the event of a hose break.

☞ The appliance can be supplied in 2 versions, namely as WWK22jdeCC and WWK22jdeCW. The difference is in the water side part of the appliance.

WWK22jdeCC is a flow-through water cooler with water connections IN: Ø8mmpush-fit and OFF: Ø6mm push fit

WWK22jdeCW is a water cooler with CWC control that supplies the correct amount of water after receiving a signal. The water connections are IN: 3/4" male thread and OUT: Ø6mm push-fit

Quick fixation push-fit:
Assembly : Insert a scratch-free round tube approximately 17 mm into the fitting, pull the hose and push the red clip under the grip ring.
Removal : Remove red clip, push the grip ring and pull out the hose.

Use

After installation, the appliance will cool until the set temperature is reached. This is set to approx. 5ºC.

⚠ When using the appliance for the first time or after a long period of inactivity, it is advisable to rinse it to ensure that it is supplied with fresh water (approx. 0.5 litres).

Maintenance

⚡ Always disconnect the appliance from the power supply during maintenance.

⚡ During maintenance, the appliance must always be disconnected from the power supply.
If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons to avoid danger.

⚡ Maintenance may only be performed by a suitably qualified technician.

⚠ Only use a clean slightly damp cloth to clean the casing. Do not use chemical cleaners.

☞ Parts: ordering must be done stating: the type and serial number of the appliance.
This data is stated on the machine plate of the appliance.

Every 12 months:
We recommend an annual inspection (preventive maintenance). See also article 20 of the General Terms and Conditions of the NVKL (25/2015).
Check the air-cooled condenser. If there is contamination, clean it using compressed air or a soft brush and/or a vacuum cleaner. Be careful not to damage the slats.
Visually check the internal piping of the cooler for possible defects

Technical data

Dimensions WxDxH	: 315x315x190mm
Mass	: 21kg
Power supply	: 230V ~ 50Hz
Electric power	: 110Watt
Cooling capacity	: 200Watt
Cap. cooled water (10K)	: 17l/h
Water pressure	: max. 8 bar

Problem solver

Water Leakage:

Condensation	~ insulating
Defective pipe or connection	~ repair / replace

Water not cold enough:

Dirty condenser	~ clean
Thermostat setting	~ check / replace
Refrigerant leak	~ repair (qualified technician)
Ambient temperature too high	~ cool / ventilate the room
Fan defective	~ replace

Compressor runs continuously:

Dirty condenser	~ clean
Thermostat setting	~ check / replace
Refrigerant leak	~ repair (qualified technician)
Ambient temperature too high	~ cool / ventilate the room
Fan defective	~ replace

Compressor not working:

Is there voltage	~ check
Defective thermostat	~ replace
Defective relay	~ replace (check motor windings)
Start capacitor defective	~ replace (check motor windings)
Compressor motor burnt out	~ replace / repair

⚠ If operation of the appliance cannot be achieved, please contact a qualified mechanic.

Guarantee

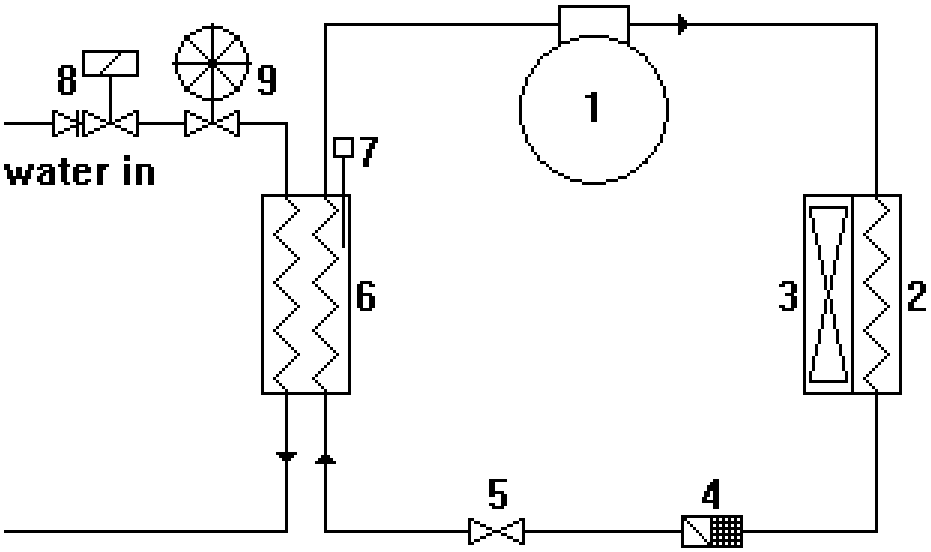
The warranty provisions applicable to this device are part of the General Terms and Conditions of offer, sale, delivery, payment, installation, repair, and maintenance of the Netherlands Association of Refrigeration Engineering and Air Treatment Companies **NVKL**, filed with the registry of the District court in The Hague on 18 February 2015 under number 25/2015.

Disposal of used electrical and electronic equipment

The waste bin symbol on the product indicates that this device should not be treated as household waste. Disposal must be made according to local regulations or it must be delivered at the recycling point of electrical and electronic equipment (WEEE). For more information please contact your local recycling authority.

C-scheme

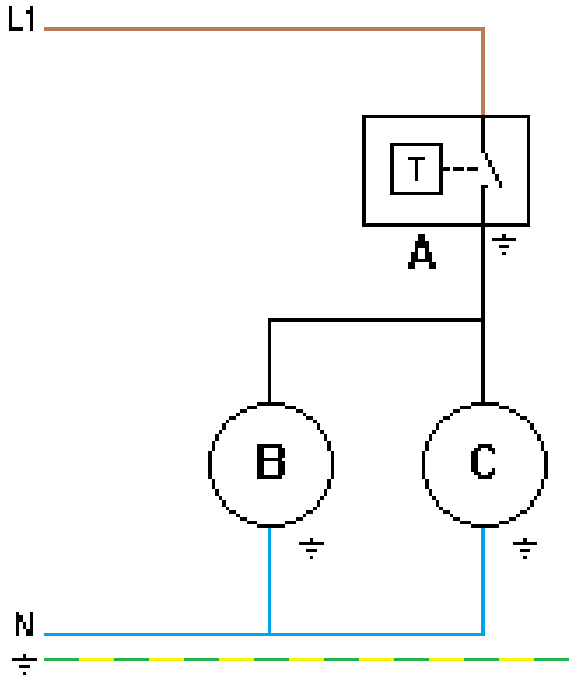
1	Compressor	6	Evaporator
2	Condenser	7	Thermostat
3	Fan	8	Inletvalve incl. non return
4	Filter-dryer	9	flowmeter
5	Expansion organ		

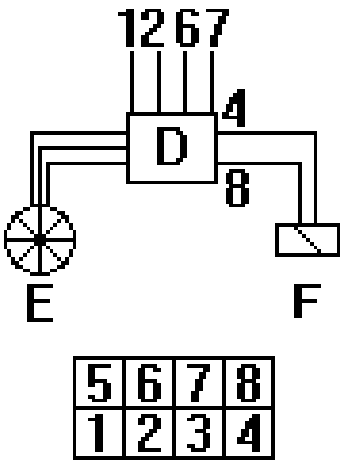


E-scheme

230VAC - 50Hz	
A	Thermostat
B	Compressor
C	Fan

24VDC	
D	CWC
E	Flowmeter
F	Inlet valve





1 24VDC+
2 24VDC -
6 24VDC+ pulse
7 24VDC - pulse