

VITAL CT2.5L

EN	Installation and user manual	Chiller
DE	Installations- und Gebrauchsanweisung	Kühler
FR	Manuel d'installation et mode d'emploi	Refroidisseur
NL	Installatie- en gebruikershandleiding	Koeler
IT	Manuale per l'installazione e l'uso	Unità di raffreddamento
ES	Manual de instalación y servicio	Enfriadora
PT	Manual de instalação e de assistência	Refrigerador
EL	Εγκατάσταση και εγχειρίδιο συντήρησης	Ψύκτης
DA	Installations- og servicevejledning	Chiller
NO	Installasjons- og servicemanual	Kjøler
SV	Installations- och servicehandbok	Kylare
FI	Asennus- ja käyttöohje	Jäähdytín
LT	Montavimas ir vartotojo vadovas	Aušintuvas
LV	Uzstādīšana un lietotāja rokasgrāmata	Dzesētājs
ET	Paigaldus ja kasutusjuhend	Jahuti






TABLE OF CONTENTS

About this manual	4
Intended use	4
Safety information	4
Water Connection	7
Electrical Connection	8
Switching on the first time	9
Operation	9
Cleaning and Care	10
Troubleshooting	10
Maintenance and repair	10
Disposal	11
Warranty	12
EC Declaration of conformity	13
Customer service	14
Technical Data	14

ABOUT THIS MANUAL

This user manual applies to several models of the device. Thus it may be possible that some of the described features and functions are not available on your specific model.

- ▶ Carefully read the user manual before using the device.
- ▶ Keep the user manual.
- ▶ Use the device described in this user manual only according to the intended use.

Symbol	Meaning
	Warning symbol. Warning against risks of injury.
	Actions in safety and warning notes to avoid injury or damage.
	Action step. Specifies an action to be done.
	Result. Result of one or more action steps.
	Precondition that has to be fulfilled before performing the following action.

INTENDED USE

The product was developed exclusively for non-professional, domestic use in the household.

This product is designed to offer professional performance in the household.

SAFETY INFORMATION

- ▷ Read the operating instructions before using the appliance for the first time.

The manufacturer can not be made liable for possible damage which may occur due to incorrect installation and incorrect, improper or unreasonable use of the device.

This manual is the documentation and an integral part of the appliance and must accompany the product even if it is transferred or sold after first installation. Its disclosure to all interested parties is a prerequisite for correct operation and protection from possible accidents and damage to the appliance and injury to third parties.

These instructions are intended to provide information regarding correct installation and operation.

The presence of such warnings does not imply that the manufacturer assumes any liability for any damage to property or injury to third parties caused by the use of the device, which has all the original certifications required in order to make it suitable for the use for which it has been designed, as well as safe in compliance with applicable standards.

The reproduction of the contents of this manual for distribution to third parties is strictly forbidden without the express prior consent of the manufacturer.

To ensure safe and efficient operation of this electrical device:

- ▷ Only contact authorised service centres.
- ▷ Do not modify any features of the device.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children must be supervised to assure that they do not play with the machine.

This device is not a toy.

- ▷ Keep children away from the device and the packaging material.
- ▷ Do not leave children near the device unattended.
- ▷ Do not let children play with the device.
- ▷ Do not allow children to touch the device or its controls.



The appliance must not be installed near water jets.



The appliance needs to be installed on a flat surface.



The appliance must not be cleaned with water jets.



The appliance is compliant with the N climate class and must be installed in locations with a temperature between +16°C and +32°C. Take all necessary precautions and do not install in locations with temperatures lower than +3°C because if the water inside the product freezes, it seriously damages the water circuit.

This appliance generates a sound pressure level below 70dB.

Unpacking

Place the appliance in the upright position which can be easily identified by reading the direction mark „UP” on the box. Open the package and check that there are no dents or obvious damages to the appliance caused by transportation.

- ▷ Any defects must be notified within 24 hours from delivery.
- ▷ In case of obvious defects or dents, do not install the appliance.

The packaging must be disposed of by the customer in accordance with current environmental protection regulations.

Positioning

- ▷ Position the cooler in a clean, ventilated place and keep away from heat sources.
- ▷ Leave a gap of at least 5 cm on each side and 25 cm by the ventilation slots.
- ▷ If the ventilation slots are covered, the cooling system cannot operate properly and this inevitably leads to malfunctioning.
- ▷ Do not place any objects on top of the product.

Proper installation and placement

The appliance must be installed and connected to the electricity supply in accordance with the separate installation instructions. Have a qualified fitter/ electrician carry out the necessary work.

The appliance is designed for use in the home for chilling water. No liability is assumed for any damage caused by improper use or incorrect handling.

If the appliance is to be permanently connected to the power supply:

- ▷ Ensure that the device is installed only by the customer service, an electrician or trained personnel with the appropriate knowledge/ education.
- ▷ Ensure that the device is connected directly to the mains socket.
- ▷ Ensure that no adapters, no multi-sockets and no extension cables are used to connect the device.
- ▷ Ensure that the supply cord is not damaged. If damaged, contact customer services.
- ▷ Ensure that the device is not exposed to atmospheric agents (rain, sun).
- ▷ Ensure that the ventilation of the appliance is in accordance with the manufacturer's instructions.



Risk of death!

- ▷ Keep pets away from the device.
- ▷ Packaging materials, e.g. plastic film and polystyrene, can be dangerous for children.
- ▷ Keep packaging material away from children.

Proper use

- ▷ Only use the device to chill water.
- ▷ Do not operate the appliance with an external time switch or a separate remote control system.



Risk of electric shock due to damaged device!

WARNING: If the supply cord is damaged, do not connect the device to the power supply to avoid the possibility of electric shock.

- ▷ Contact the customer service.
- To avoid damaging the appliance
- ▷ Do not climb onto the appliance.
 - ▷ Do not cut or prepare food on the surface or drop hard objects onto it.



CAUTION: non-compliance with the above conditions causes the compressor to overheat and break, leading to immediate invalidation of the warranty.

For proper installation and use of the appliance, refer to the „SWITCHING ON THE FIRST TIME“ chapter.

WATER CONNECTION



WARNING: The system must be connected to the potable water supply network.



WARNING: It is recommended to install a valve at the water input of the cooler, in order to isolate the system from the water supply whenever it is necessary.

▷ When the customer is not able to service, it is recommended to install a device that automatically stops water flow and isolates the product from the water circuit (our sales department is available for further technical specifications).

No tools are required to connect the system to the drinking water tube. Connection is carried out easily and within seconds, simply by inserting the tube directly into the rapid connection located on the back/side of the product. This product is supplied with $\frac{3}{8}$ " rapid connections if the connections are white (or beige).

▷ Before connecting the water tube be sure that there are no traces of impurities in the inlet rapid connection. A dust cap may be present, if so, it is necessary to remove it before water tube connection.



CAUTION: The incoming water pressure must be between 0.250 MPa and 0.500 MPa. The flow rate should not be less than 3 litres/minute.



WARNING: Check that the pressure remains constant even while water is being dispensed or at least that variations do not exceed 0.10 MPa. If this is not the case, reduce the length of the connection tube, or increase the internal cross-section. To ensure proper installation, it is recommended to use only certified food-grade tubes and fittings.



CAUTION: If incoming water pressure is unknown, a „water pressure reducer” must be installed and set to 0.250-0.300MPa. Again, check that the pressure is maintained within this range even while water is dispensed, or that variations do not exceed 0.10 MPa.

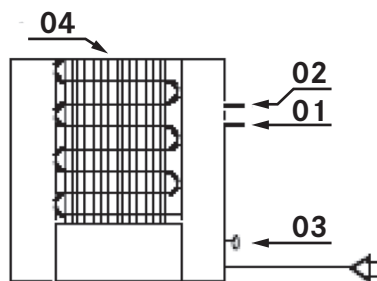
ELECTRICAL CONNECTION

This product can be supplied with detachable power cord or with a no detachable power cord.



If the detachable power cord is damaged, it must be replaced with a cable available from the manufacturer or its technical assistance service. If the not detachable power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid hazard.

- ▷ Make sure that the power supply to the appliance is the same as the voltage indicated on the label on the side of the appliance. **The appliance must be grounded in compliance with applicable standards and laws.**
- ▷ In case of malfunctioning, grounding reduces the risk of electrical shocks. Connect the appliance cable to a double-pole switch with a minimum of at least 3 mm distance between the contacts, or using a plug which must still be accessible after installation.



Franke Chiller CT2.5L

No.	Meaning
1	Inlet water
2	Outlet Cold Water
3	Thermostat
4	Condensing Unit
5	Main Power Unit
6	Cooling/ Compressor Unit

SWITCHING ON THE FIRST TIME

When you first use the product, in order to remove any air inside the system, it is recommended to:

- ▷ Open the water valve and wait a few minutes to make sure there are no water leakage. If the system includes electrical controls, connect the product to the power supply to enable the delivery keys.
- ▷ Press the cold water button to let the air out. Release the button only when the water starts coming out.
- ▷ Drain a few litres of cold and warm water.
- ▷ When you first install the product, you will have to wait approx. 1 h before dispensing cold water.

OPERATION

Cold Control

It is possible to enable and disable cold water dispensing as well as temperature control by acting on the thermostat.

During periods with low water collection it is better to set the thermostat at minimum.

During periods with high water collection it is better to set the thermostat at maximum. In this way the cooling circuit is able to provide an ice reserve that would be necessary during the times of high operation of the machine.

To modify the temperature just turn the control handle (or the regulation screw) following the label placed near the thermostat. Higher values means colder water.

Cooling Circuit Maintenance

The cooling system requires no maintenance.

Leave a gap of at least 5 cm on each side. This gap must be at least 25 cm by the ventilation slots.

Periodically check that the ventilation slots are clear and not obstructed, then remove any impurity deposited on the ventilation slots using a brush or a vacuum cleaner.



CAUTION: Failure to clean the condenser and poor ventilation of the cooling circuit can cause the compressor to overheat and break.

Water Circuit Maintenance

Cleaning should take place at the following times:

- ▷ The first time the product is installed (dispense some water for at least a couple of minutes)
- ▷ When parts or pieces in contact with water are replaced
- ▷ When pollution is suspected or has occurred. This may manifest itself as a bacterial infection with a bad smell/taste of the water or if the water is cloudy
- ▷ Any new installation
- ▷ If system has not been used for 5 days.

CLEANING AND CARE

Before performing any cleaning and care:

- ▷ Read the general safety information about cleaning in the chapter „SAFETY INFORMATION“.
- ▷ Turn the appliance off.

General recommendations

Do not use steam cleaners or direct jets of water.

Do not use coarse abrasive materials or sharp metal. They could scratch the surface.

Never use scouring pads, steel wool, muriatic acid or other products which could scratch or mark the surface.

Cleaning the appliance

To clean everyday dirt, use a soft cloth or sponge with water and a suitable cleaning agent.

We recommend using protective cleaning agents.

TROUBLESHOOTING

The chiller does not work:

- ▷ Make sure that the chiller is connected and that the main switch is turned on.
- ▷ Make sure that there is no power failure. Make sure main water supply is not turned off.
- ▷ Make sure there is no visible water leakage in the connecting pipes and that device has been connected to the water supply.

MAINTENANCE AND REPAIR

- ▷ Make sure that maintenance on electrical components is carried out by the customer service.
- ▷ Make sure that damaged cables are changed only by the customer service.
- ▶ When contacting the customer service, please provide the following information:
 - type of fault
 - appliance model (Art.)
 - serial number (S.N.)

This information is given on the data plate. The data plate is attached on the bottom side.

DISPOSAL

Packaging

All packaging materials (cardboard, plastic film (PE) and polystyrene (EPS)) are marked and should, if possible, be collected for recycling and disposed of in an environmentally friendly way.

Disconnection


- ▶ Disconnect the appliance from the mains.

Safety

- ▶ Disable the appliance to prevent accidents caused by improper use, especially through children playing.

Disposal



The symbol on the product or in the instructions, or on the  packaging indicates that the device at the end of life - your electrical and electronic equipment waste - must not be disposed of in the domestic waste, but separately from it. There are separate collection systems for recycling in the EU. For more information, please contact the local authority or your retailer where you purchased the product. By disposing of the device in a proper way you help to avoid harmful consequences to environment and health.

Further information about recycling the device is available from the competent authority, the local refuse disposal service or the vendor of the device.

- ▷ Dispose of the device, which is to be discarded, via a specialised waste collection point for electronic and electrical devices.

In accordance with the Directive 2012/19/EU, regarding the reduction of the hazardous substances used in electrical and electronic appliances, and waste disposal.

The barred dustbin symbol on the appliance indicates that at the end of its working life the product must not be disposed of as household waste. Consequently, when the appliance has reached the end of its working life the user must take it to a suitable recycling centre for electronic and electrotechnical waste, or return it to the dealer when purchasing a new appliance of equivalent type.

Proper separate waste collection of the scrapped appliance for subsequent recycling, treatment and environmentally-friendly disposal helps prevent a potentially negative impact on the environment and health and facilitates recycling of the materials used in appliance construction.

WARRANTY

The warranty for manufacturing defects on this FRANKE device is 2 years from the date of purchase. The customer must inform FRANKE about all faults within 2 months of determination. FRANKE must always be provided with the proof of purchase stating the vendor/retailer, purchase date and product identification number.

The manufacturer's warranty is only granted under the following conditions:

- The device is only used in a private household.
- The device was connected as per the manufacturer's instructions and all essential energy regulations were complied with when connecting as per the supplied operating instructions.
- The device is only used in line with the instructions in the operating instructions.
- All repairs are implemented by an authorised FRANKE customer service centre and FRANKE spare parts were used.
- The model or serial number on the product was not changed, deleted, removed or otherwise made illegible.

During the warranty period FRANKE will either repair or replace defective parts for the customer free of charge.

FRANKE has the right to replace the defective device with one of the same value if defects occur repeatedly or if the repair costs bear no relationship to the value of the goods.

There is no right to repairing or replacing the device beyond the warranty period of 2 years.

EC DECLARATION OF CONFORMITY

Franke Ltd.

Franke-Strasse 2
4663 Aarburg
Switzerland

Declares that this product:

- ▷ Complies with the requirements of EEC Directive (2006/95/EC) - low tension directive
- ▷ Complies with the requirements of EEC Directive (2004/108/EC - EMC) - electromagnetic compatibility;

Electrical safety

CEI EN 60335-1 :2013-01

- ▷ Safety of electrical appliances for household and similar use. Part 1: General requirements..

CEI EN 60335-2-89/2011

- ▷ Electrical appliances for household and similar purposes - Safety. Part 2: Particular requirements for appliances for commercial refrigeration condensing unit of refrigerant, compressor or an incorporated or remote

Electromagnetic compatibility

CEI EN 55014-1/2008+A1-2010+A2-2012

- ▷ Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Part 1: Emission.

CEI EN 55014-2/1998+A1-2002+IS1-2007+A2-2009

- ▷ Electromagnetic compatibility. Requirements for household appliances, electric tools and similar apparatus. Part 2: Immunity.

CEI EN 61000-3-2/2007+A1+A2-2011

Part 3-2:

- ▷ Electromagnetic compatibility. Part 3: Limits - Section 2: Limits for harmonic current emissions (equipment input current less than 16A per phase).

CEI EN 61000-3-3/2014

- ▷ Electromagnetic compatibility. Part 3: Limits - Section 3: Limitation of voltage fluctuations and flicker in low-voltage supply system for equipment with rated current less than 16A and not subject to conditional connection.

Declares under its responsibility that this product:

- ▷ Complies with Directive 2011/65/CE (RoHS 2)- "Restricting the use of certain hazardous substances in electrical and electronic equipment" - RoHS.

CUSTOMER SERVICE

- ▶ Refer to the contact address for your country on the back page or on our website: www.franke.com

TECHNICAL DATA

Product identification

Type: Tank chiller CT2.5L

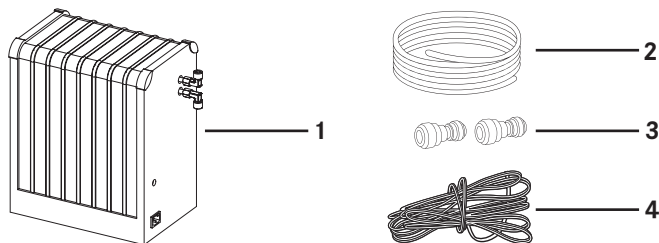
Model: Tank chiller CT2.5L

- ▶ Refer to the data plate placed on the bottom side of the product.

The manufacturer provides continuously product enhancements. For this reason, the text and the illustrations in this manual may be changed without notice.

Box content

1. Chiller unit
2. 8 mm of $\frac{3}{8}$ " blue poly tubing
3. (2) $\frac{3}{8}$ " x 8 mm fittings for water connection (1 female adaptor; 1 straight adaptor)
4. Power cable



Further information on technical data is available on: www.franke.com

Argentina

Industrias Spar San Luis S.A.
Buenos Aires 1008
Phone +54 11 4311 7655

Belgium

Franke N.V.
9400 Ninove
Phone +32 54 310 111

Brazil

Franke Sistemas de
Cozinhas do Brasil Ltda.
89219-512 Joinville, SC
Phone +55 47 3431 0501

Canada

Franke Kindred Canada Ltd.
Midland, ON L4R 4K9
Phone +1 866 687 7465

China

Franke (China) Kitchen
Systems Co., Ltd.
Heshan, Guangdong,
529700
Hotline 400 882 9898

Czech Republic

Franke s.r.o.
190 00 Praha 9
Phone +420 281 090 411

Denmark

Franke KS Denmark
8520 Lystrup
Phone +45 8624 9024

Egypt

Franke Kitchen Systems
Egypt S.A.E.
6th of October City
Hotline 16828

Finland

Franke Finland Oy
76850 Naarajärvi
Phone +358 15 341 11

France

Franke France S.A.S.
60230 Chambly
Phone +33 130 289 400

Germany

Franke GmbH
79713 Bad Säckingen
Phone +49 7761 52 0

Greece

Franke Hellas S.A.
19003 Markopoulo Attikis
(Athens)
Phone +30 22991 500 00

Hong Kong SAR

Franke Asia Hong Kong
Causeway Bay
Phone +852 3184 1900

India

Franke Faber India Pvt Ltd.
Aurangabad - 431 136
Phone 1800 209 3484

Italy

Franke S.p.A.
37019 Peschiera del Garda
Numero Verde 800 359 359

Kazakhstan

Franke Kazakhstan Ltd.
040918 Almaty City
Phone +7 727 297 3812

Morocco

Franke Kitchen System SARL
21 000 Casablanca
Phone +212 522 674 200

Norway

Franke KS Norway
8520 Lystrup, Denmark
Phone +47 35 566 450

Poland

Franke Polska Sp. z o.o.
05-090 Raszyn
Phone +48 22 711 6700

Portugal

Franke Portugal S.A.
2735-531 Cacém
Phone +351 21 426 9670

Romania

Franke Romania SRL
Pantelimon 077145
Phone +40 21 350 1550

Russia

Franke Russia GmbH
199106 St. Petersburg
Phone +7 812 703 1540

Slovak Republic

Franke Slovakia s.r.o.
010 01 Žilina
Phone +421 41 733 6200

South Africa

Franke South Africa
Durban 4052
Phone +27 31 450 6300

Spain

Franke España S.A.U.
08174 Sant Cugat del Vallès
Phone +34 93 565 3535

Sweden

Franke KS Sweden
16867 Bromma
Phone +46 912 405 00

Switzerland

Franke Küchentechnik AG
4663 Aarburg
Phone +41 800 583 243

Thailand

Franke (Thailand) Co., Ltd.
Bangkok 10110
Phone +66 2 013 7900

The Netherlands

Franke Nederland B.V.
5700 AD Helmond
Phone +31 492 585 111

Turkey

Franke Mutfak ve Banyo
Sistemleri Sanayi ve
Ticaret A.S.
41400 Gebze Kocaeli
Phone +90 262 644 6595

Ukraine

Franke Ukraina LLC
02081 Kyiv
Phone +38 044 492 0015

United Arab Emirates

Franke LLC
Ras Al Khaimah
Phone +971 7 203 4700

United Kingdom

Franke UK Ltd.
Manchester M22 5WB
Phone +44 161 436 6280

USA

Franke Kitchen Systems LLC
Smyrna, TN 37167
Phone 800 626 5771



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