

# USER MANUAL

## SU 12

FCS4053

en

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**FRANKE**



Read the user manual before working on the equipment.

Keep the manual with the equipment and pass the manual on to the next user if the equipment is sold or transferred to a third party.

# TABLE OF CONTENTS

1	For your safety.....	4
1.1	Intended use.....	4
1.2	Non-authorized use.....	4
1.3	General safety concerns .....	5
2	Instructions .....	8
2.1	Installation.....	8
2.2	Function .....	8
2.3	Function of the FoamMaster .....	8
2.4	Operation and maintenance .....	9
2.5	Malfunctions.....	9
2.6	Transport, storage, decommissioning .....	9
2.7	Disposal .....	10
3	Technical data - SU12.....	11

# 1 FOR YOUR SAFETY

## 1.1 Intended use

- The cooling unit is used exclusively to keep milk cool for the preparation of coffee drinks with a Franke coffee machine.
- Only use pre-cooled milk.
- Remove the milk when the cooling unit is not in use. Store the milk in a suitable cooling unit.
- Use only the recommended cleaners. Other cleaners may leave residues in the milk system.
- The cooling unit is intended exclusively for operation indoors.
- Please also observe the Declaration of Conformity delivered with the device.
- Operate the cooling unit at ambient temperatures in the range of 16–43 °C.

## 1.2 Non-authorized use

- Children under the age of 8 years are not permitted to use the device.
- Children or persons who are challenged with respect to physical, sensory or mental abilities must not use the device except under supervision, nor should they play with the device.
- Alcoholic, flammable, explosive substances or spray cans must not be used or stored in the device.
- Do not use the machine:
  - If you are not familiar with its functions.
  - If the machine, power cord or connection lines are damaged.

- If the machine has not been cleaned or filled as specified.

The device and the refrigerant may only be installed by specialized personnel of the manufacturer or similarly qualified specialists.

## 1.3 General safety concerns



### **WARNING**

#### **Risk of fatal injury from electrocution**

Damaged power cords, lines or plug connections can lead to electrocution.

- Do not connect any damaged power cords, lines or plug connections to the power supply.
- Replace damaged power cables, lines or plug connections.  
If the power cord is permanently attached, contact the service technician. If the power cord is not permanently attached, order and use a new, original power cord.
- Ensure that the machine and the power cord are not near any hot surfaces such as gas or electric stoves or ovens.
- Ensure that the power cord is not pinched and does not chafe on sharp edges.

**⚠ CAUTION****Irritation from cleaners**

Cleaning tablets, milk system cleaning agent, and descaler can lead to irritations.

- a Observe the hazard warnings on the label of the respective cleaner.
- b Avoid contact with your eyes and skin.
- c Wash your hands after coming into contact with cleaner.
- d Cleaners must not find their way into drinks.

**⚠ CAUTION****Spoiled milk**

Spoiled milk could represent a health hazard.

- a Use only fresh, refrigerated milk.
- b Observe the storage conditions for milk.
- c Observe the shelf life of the milk used.

**⚠ CAUTION****Germs in unpasteurized milk**

Germs in unpasteurized milk could pose a health hazard.

- a Do not use any unpasteurized milk.
- b Only use pasteurized or long-life milk.



Do you have any questions that are not addressed in these instructions? Please do not hesitate to contact your local customer service partner, Franke Customer Service, or Franke Kaffeemaschinen AG in Aarburg.



## NOTICE

### Spoiled milk

Insufficient cooling or hygiene can cause milk to spoil.

- a Only use pre-cooled milk (2.0–5.0 °C).
- b Only store milk in the cooling unit when the cooling unit is in operation. When the cooling unit is not in operation, e.g. overnight, store the milk in a refrigerator.
- c Clean the machine and cooling unit once a day.
- d Only touch the suction hose, the inside of the milk container, and the milk lid after sanitizing your hands, or wear disposable gloves.
- e Place the container lid with the suction hose on a clean surface only.



## NOTICE

### Damage to the machine

Connection lines could be damaged by tensile load.

Incoming moisture could cause damage.

An unsuitable location could lead to damage.

- a Never pull on the connection lines.
- b Lay the connection lines in such a way that they do not form tripping hazards.
- c Do not use jets of water or steam for cleaning.
- d Do not expose the machine to the elements, such as rain, frost or direct sunlight.
- e Place the machine only on a level, stable subsurface.

## 2 INSTRUCTIONS

### 2.1 Installation

Installation may only be performed by an authorized Franke specialist.

#### Tasks

- Unpack the device
- Check that the required free space (50 mm) has been left behind the device
- Check the electrical power connection
- Connect connection lines and connection hoses
- Attach the device
- Connect the power supply
- Switch on the device
- Put the device into operation with the coffee machine

### 2.2 Function

The cooling unit has the following functions:

- Keeping the milk cool
- Displaying the milk temperature
- Preventing unauthorized access via a lockable door

### 2.3 Function of the FoamMaster

The FoamMaster has the additional following functions:

- Warming milk for the beverages
- Creating milk foam
- Automatic cleaning of the milk system
- Automatic monitoring of the fill levels



## 2.4 Operation and maintenance

Regular cleaning is a prerequisite for the pure and safe enjoyment of milk drinks. You can find more detailed information on operating, configuring, cleaning and caring for your cooling unit in user manual supplied with your coffee machine.

### Cleaning

Clean the milk system daily or when prompted by the coffee machine. Clean the device and device parts with warm water and a mild cleaner. Use a dry cloth for drying or leave to air-dry. Do not use hot air.

Clean daily:

- Interior chamber, inner side of the door and lip seal
- Milk container
- Intake hose

## 2.5 Malfunctions

Error messages will appear on the coffee machine's display in the case of malfunctions. The error messages contain information regarding the cause and resolution of the malfunction.

## 2.6 Transport, storage, decommissioning

- Clean the device
- Secure the device against accidents and do not set it up in an inclined position
- Use suitable packaging for transport and storage
- Comply with the ambient conditions provided in the technical data

## 2.7 Disposal

- Observe the information on the label when disposing of any unused cleaning agent.
- Contact your local authorities for safe disposal of the refrigerant used. The type plate contains information about the refrigerant.



The machine complies with European Directive 2012/19/EU regarding Waste Electrical and Electronic Equipment (WEEE) and must not be disposed of with household waste.



Dispose of electronic parts separately.



Dispose of plastic parts in accordance with their marking.

### 3 TECHNICAL DATA - SU12

Device type	FCS4053
Milk container	12 l or 2 x 4.5 l
Cooling temperature	2.0–5.0 °C
Ambient conditions	Humidity: max. 80 % Ambient temperature: 10–32 °C
Refrigerant	R134a/28 g
Climate class	T/5 tropical climate suitable for operation at an ambient temperature: 16–43 °C
Climate class	N/4 temperate climate suitable for operation at an ambient temperature: 16–32 °C
Noise emission	<70 dB(A)
Weight (empty)	25.7 kg
Dimensions (width/height/depth)	340 mm/540 mm/475 mm
Power cord	1800 mm

#### Electrical connection data

Type	Country		
SU12 (FCS4053)	CH, EU,	Voltage	220–240 V
		GB	Frequency
		Power rating	170 W
		Current consumption (max.)	0.71-0.773 A
		Fuse	10 A
		Connection	1 L N PE

Type	Country		
		Power cord	560.0004.833 (CH) 560.0004.870 (EU Schuko (CEE 7/4 plug)) 560.0005.118 (GB)
SU12 (FCS4053)	CN	Voltage	220 V
		Frequency	50 Hz
		Power rating	170 W
		Current consumption	0.8 A
		Fuse	10 A
		Connection	1L N PE
		Power cord	560.0005.151
SU12 (FCS4053)	JP	Voltage	100–127 V
		Frequency	50–60 Hz
		Power rating	170 W
		Current consumption	1.33–1.7 A
		Fuse	10 A
		Connection	1L N PE
		Power cord	560.0004.859
SU12 (FCS4053)	USA, CAN	Voltage	100–127 V
		Frequency	60 Hz
		Power rating	170–195 W
		Current consumption	1.535–1.7 A
		Fuse	10 A
		Connection	1L N PE
		Power cord	560.0004.859









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