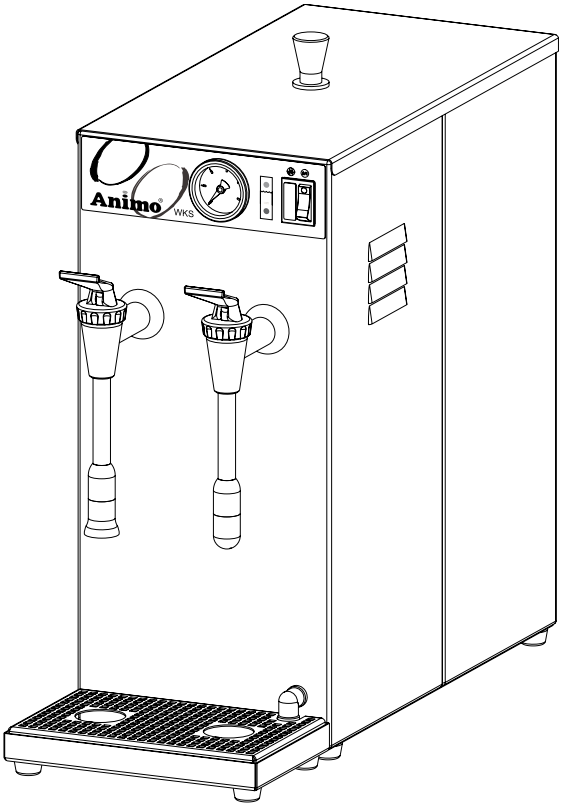
Animo®

WKS



(NL) Gebruiksaanwijzing

(GB) Manual

(D) Betriebsanleitung

(F) Mode d'emploi

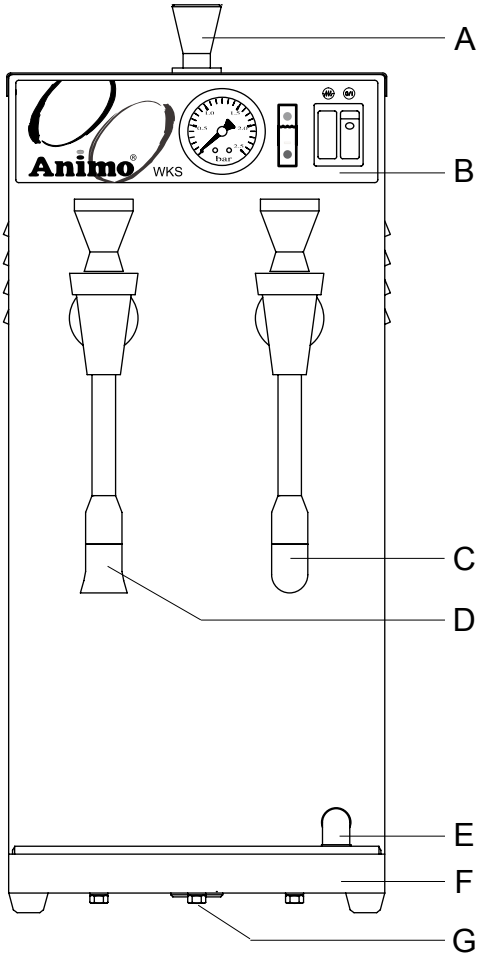


fig. 1

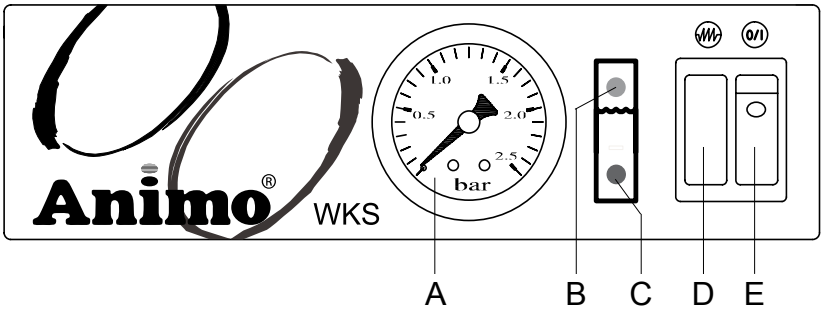


fig. 2

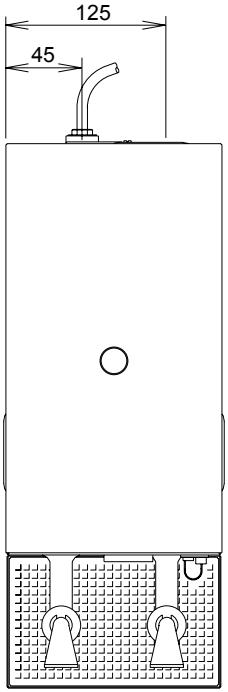
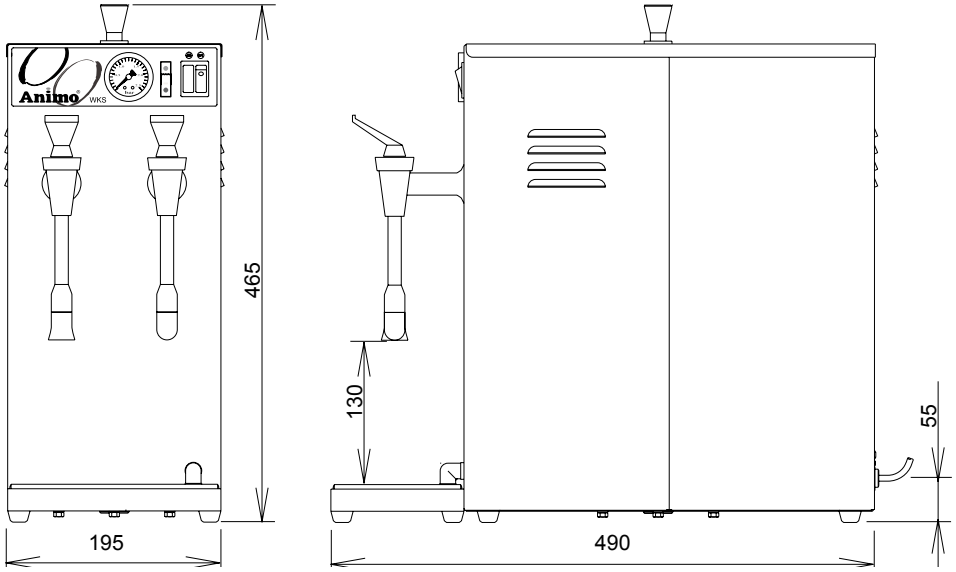


fig. 3



Nederlands..... 1 NL

English ..... 7 GB

Deutsch..... 13 D

Français ..... 19 F

CE

Dit apparaat voldoet aan de EMC-richtlijn 89/336/EEG, 92/31/EEG en de laagspanningsrichtlijn 73/23/EEG

This appliance is in accordanc with the EMC-Directive 89/336/EEC, 92/31/EEC and the low voltage directive 73/23/EEC

Dieses Gerät wurde in Übereinstimmung gemäß EMV-Richtlinie 89/336/EWG, 92/31/EWG und Niederspannung-Richtlinie 73/23/EWG gebaut.

Cet appareil est conforme à la directive d'EMC 89/336/CEE, 92/31/CEE et à la directive de basse tension 73/23/CEE.

Animo behoudt zich het recht voor om onderdelen op elk gewenst moment te wijzigen, zonder voorafgaande of directe kennisgeving aan de afnemer. De inhoud van deze handleiding kan eveneens gewijzigd worden zonder voorafgaande waarschuwing. Deze handleiding is geldig voor de machine in standaarduitvoering. Animo kan derhalve niet aansprakelijk worden gesteld voor eventuele schade voortvloeiende uit van de standaard uitvoering afwijkende specificaties van de aan u geleverde machine. Voor informatie betreffende afstelling,onderhoudswerkzaamheden of reparaties waarin deze handleiding niet voorziet, wordt u verzocht contact op te nemen met de technische dienst van uw leverancier. Deze handleiding is met alle mogelijke zorg samengesteld, maar Animo kan geen verantwoording op zich nemen voor eventuele fouten in dit boek of de gevolgen daarvan.

Animo has the right to change parts of the machine at any time without preceding or direct announcements to the client. The contents of this manual can also be changed without any announcements. This manual is to be used for the standard model/type of the machine. Thus Animo cannot be held responsible for any damage resulting from the application of this manual to the version delivered to you. For extra information on adjustments maintenance and repair, contact the technical department of your supplier. This manual has been written very carefully. However , Animo cannot be held responsible neither for mistakes in the book nor for their consequences.

Animo behält sich das Recht vor, Einzelteile ohne vorherige Bekanntgabe an den Kunden zu ändern. Der Inhalt dieser Anleitung kann ebenfalls ohne vorherige Bekanntgabe geändert werden. Diese Anleitung gilt für die Standardausführung der Maschine. Animo haftet daher nicht für Informationen über Einstellungen, Wartungsarbeiten oder Reparaturen, die nicht in dieser Anleitung enthalten sind. Wenden Sie sich bitte an den Kundendienst Ihres Händlers. Diese Anleitung wurde mit größtmögliche Sorgfalt hergestellt. Animo haftet jedoch nicht für etwaige Fehler in dieser Anleitung oder für die Folgen solcher Fehler.

Animo se réserve le droit de modifier les pièces à n'importe quel instant, sans avis préalable et sans obligation de notification au client. Le contenu de ce manuel est également sujet à modification sans avis préalable. Ce manuel s'applique au modèle standard de la machine. Par conséquent, Animo n'est past responsable pour les dommages éventuels découlant de l'application de ce manuel aux modèles non standard. Pour les renseignements sur certains réglages, les travaux d'entretien ou réparations qui ne seraient pas traités dans ce manuel, Animo ne peut être tenu responsable des erreurs éventuelles ni des dommages qui en dècouleraient.

GB

TABLE OF CONTENTS

1. GENERAL DESCRIPTION 8

2. TECHNICAL DETAILS 8

3. INSTALLATION 9
   - 3.1 Placing the WKS 9
   - 3.2 Connecting to the water supply system 9
   - 3.3 Connecting to the electricity supply system 9

4. CONTROL PANEL 10

5. PREPARATIONS BEFORE USE 10

6. USE OF THE WKS 10
   - 6.1 Drawing off steam 10
   - 6.2 Drawing off hot water 11

7. MAINTENANCE 11
   - 7.1 Cleaning 11
   - 7.1.1 Cleaning the steam draw-off 11
   - 7.1.2 Cleaning the housing 11
   - 7.2 Descaling 11

8. SECURITY 12
   - 8.1 Water level in steam boiler too low 12
   - 8.2 Temperature security is switched off 12

9. TRANSPORTATION 12

This instruction was designed for users of the ANIMO WKS type steam and hot water appliance. Read this instruction very carefully as it will ensure proper and safe use of the appliance.

1. GENERAL DESCRIPTION

The ANIMO WKS type is a combined steam and hot water appliance. The device is provided with two separate draining taps, enabling the user to drain steam and hot water. The steam draining tap can be used to steam up milk, e.g. for a cup of cappuccino. The hot water water drain tap, on the other hand, can be used for tea, grog and cup-a-soup. The appliance is provided with an overpressure safety element that opens up as soon as the pressure in the steam boiler exceeds a specified safety limit. The water level is indicated by means of lights. The bottom red light will light up as soon as the water level gets too low. The upper green lamp will burn as long as the water level is safe. When a lot of steam is used, the electronic control of the appliance will keep the working pressure of the steam kettle at an optimum.

Figure 1 indicates the main components.
Figure 2 indicates the control elements.

Figure 1:

A - Overpressure safety element	E - Outlet overpressure safety element
B - Control panel	F - Drip tray and grid
C - Steam outlet tap	G - Draining tap steam kettle
D - Hot water outlet tap	

The machine is supplied with:
- Drip tray and grid
- Hose, 1.25 meters.
- Instruction

2. TECHNICAL DETAILS

Type	: WKS
Voltage	: 1N~ 220-240V
Power consumption	: 3200W
Fuse	: 16A
Frequency	: 50-60Hz
Capacity steam or hot water	: ± 25 L/h
Water capacity steam boiler	: ± 3,5 L
Opening pressure for Overpressure safety element working pressure steam boiler	: 1 bar : 0,6 bar
Level detection	: elektronic
Wire length	: 1,4 m
Dimensions	: zie fig.4
Water hose	: 3/4” coupling
Min. - Max. water pressure	: 2-8 bars
Weight	: ±10 kg

Power supply (50/60 Hz)	Capacity	Safety
220V 1 phase/zero	3000W	16A
230V 1 phase/zero	3200W	16A
240V 1 phase/zero	3400W	15A

Technical alterations are reserved

WARNING ⚠

* When the appliance is in use, some of the components will get very hot.
* In case of malfunctions and maintenance activities, that require opening of the appliance, always disconnect from the electrical supply. Also, water tap should be closed and the pressure. of the steam boiler must be released.
* Do not place the appliance in spaces where the temperature drops below zero, as there will always remain some water in the system.
* Make sure that the appliance is only plugged in a wall socket with earth connection.
* The appliance should never be submerged or hosed off.
* Make sure that any repairs are always carried out by authorised service mechanics.
* In case the appliance is not used for a relatively long period of time. it is advisable to take the plug fitting out of the plug box and to close the water drain.

3. INSTALLATION

When placing and connecting the appliance, the following instructions should be followed.

3.1 Placing the WKS

- At counter level.
- On a solid flat surface.
  Such that it is near the water and electricity supply system.
  Such that it is not causing any damage in case of leakage.
  Such that the ventilation holes in the back and sides of the appliance are not blocked.

3.2 Connecting the WKS to the water supply system

- The WKS requires a water stop valve to be near the appliance.
- The water supply system should be within reach of the 1,25 meters long water hose.
- Connect the water hose that comes with the system to the cold water supply and to the water connection point at the back of the WKS.

3.3 Connecting the WKS to the electricity supply system

Depending on the model, the appliance should be connected according to the instructions in the figures below.

- (Fig. 4) In case of 220V-240V 1 phase with plug fitting connection.
- (Fig. 4) In case of 220V-240V 1 phase (3-core cable).

Take note of the following remarks for figure 4:

- In case the plug fitting of the WKS can not be plugged in your wall socket, you will have to cut it off and replace it by a new one.
- The cut off plug fitting should be disposed carefully, as it could be very dangerous when plugged in a wall socket.

Take care of the following instructions when installing a new plug fitting:

- The green/yellow conductor (“EARTH”) must be connected to the clip that is marked with an “E”, the “earth” symbol (⏚) or that is coloured green/yellow.
- The blue conductor (“NEUTRAL”) must be connected to the clip that is marked with the letter “N” or is coloured black.
- The brown conductor (“Phase”) must be connected to the clip that is marked with the letter “L” or is coloured red.

IMPORTANT!
The 3-core mains cord (fig. 4) has the following conductor code:

Green/yellow	-	Earth
Blue	-	Neutral
Brown	-	Phase

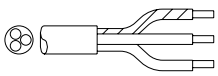


Fig. 2

4. CONTROL PANEL (FIG.2)

A - Manometer steam boiler pressure

B - Water level safe (green)

C - Water level too low (red)

D - Indicator lamp heating

E - On/off switch

5. PREPARATIONS BEFORE USE

Before starting to use the new appliance, the following actions should be carried out.

1. Open the manual air drain tap and make sure the coupling nuts do not leak.
2. Place the drip tray in front of the appliance.
3. Plug the plug fitting in the wall socket and switch on the appliance with the on/off switch (fig. 2E). The red lamp will light up and the steam kettle will automatically be filled.
4. When the red lamp goes out (fig. 2C) and the green lamp lights up (fig. 2B), the steam boiler starts heating.
5. Check the pressure on the manometer. The pressure should not be more than 0,6 bar. If it gets higher, immediately switch off the appliance and call your dealer.
6. When the steam boiler has reached the working pressure, check whether the overpressure safety element functions properly.
7. To do this, pull the black knob on top of the cover (fig. 1A). Now steam escapes via the outlet that is installed over the leak tray.
8. Now you can draw off hot water with the left-hand draining tap (fig. 1D) or steam with the right-hand draining tap (fig. 1C).

6. USE OF THE WKS

Switch on the appliance with the on/off switch (fig. 2E) and wait until the manometer indicates approximately 0,6 bar.

- To heat drinks with the help of steam, refer to paragraph 6.1.
- To draw off hot water, refer to paragraph 6.2.

CAUTION ⚠

* Beware not to burn yourself - stop heating the drink in time.
* Take into account that the volume of the drink slightly increases when it is heated.
* The material in which the drink is heated and/or poured must be resistant to considerable changes in temperature.

6.1 Drawing off Steam (fig. 1C)

Make use of the steam draining tap when heating milk and chocolate milk.

1. When heating drinks, never fill the cup to the brim.
2. Put the draw-off opening of the steam drain tap appr. 1 cm in the drink.
3. Open the steam drain tap. The steam will now heat the drink.
4. Always make sure to first close the steam drain tap, before removing the cup.
5. Open the steam drain tap to remove any remnants of the drink from the draw-off opening.

! Tip
- During the heating process the steam will make a grating noise. The more muffled the sound, the higher the temperature of the drink.
- When carrying out the after-steam process, make sure to use an empty cup, the make sure that the appliance does not get dirty with remnants of the drink.
- In case the steam draining tap is not used regularly, make sure to open the tap once before placing the cup. Any condensed water in the steam outlet will then first be removed.

WARNING ⚠

* The water from the drain tap is a mixture of steam and hot water with a temperature of ±100˚C.

6.2 Drawing off hot water (fig. 1D)

1. Place a cup or mug under the hot water drain pipe.
2. Open the hot water drain tap.
3. Close the tap in time.

WARNING ⚠

* The appliance should not be submerged or hosed off.
* In case of maintenance, do not leave the machine unattened

7. MAINTENANCE

- For cleaning the outside refer to paragraph 7.1.
- For descaling the steam kettle, refer to paragraph 7.2.

7.1 Cleaning

7.1.1 Cleaning the steam draw-off

- Regularly clean the steam drain tap outlet with a clean cloth (couple of times per day).

7.1.2 Cleaning the housing

- The leak tray can be washed up in a conventional manner.
- The stainless steel outside can be cleaned with a clean damp cloth and then dried.
- However, do not use any abrasives, as this may result in scuffs or scratches.

7.2 Descaling

Use of the steam kettle can lead to scale deposit. To ensure energy-saving and proper functioning of the appliance, it should be descaled regularly. As the steam kettle is completely built-in in the housing, we strongly advise the user for safety reasons not to carry out the descaling process himself.

When should be descaled?
Depending on the use and hardness of the water, we advise you to have the steam boiler descaled by a service technician every 3 or 4 months.

WARNING ⚠

* To descale the steam kettle the appliance needs to be opened and partly disassembled. As a result components are opened up that have a high voltage and are not covered. Always disconnect before opening the machine!

We advise you to always have the appliance descaled by an authorised service technician.

8. SECURITY

The WKS comes with a number of security features.

- In case the red lamp lights up or the green light flashes, refer to paragraph 8.1.
- In case the steam kettle no longer heats, refer to paragraph 8.2.

8.1. Water level in steam kettle too low

1. In case the red lamp lights up (fig. 2C) and the green lamp goes out (fig. 2B), the water level in the steam kettle is too low. The heating element is switched off and the water valve remains open.
2. When the water level is not restored within 8 minutes (because of too low water pressure or a blocked pipeline), the security circuit automatically switches off the steam boiler.The green light will now start to flash.
3. Restore the water supply and/or the water pressure.
4. Switch off the steam boiler for approx. 10 seconds, then swtich it on again. When the green lamp lights up again the water level is restored.
5. In case the green light continues to flash switch off the steam boiler and call the dealer.

8.2. Temperature security is switched off

The appliance is supplied with a temperature security feature that can be reached from the outside. It is situated at the back of the appliance near the cable. The security automatically switches off the appliance when the temperature gets too high. If this happens, do the following:

1. Let the machine cool down.
2. Unscrew the black protective cover.
3. Press the button that becomes visible, and put the protective cover back in place.

In case the cause of the malfunctioning is not the temperature security, advise your dealer.

9. TRANSPORTATION

Before transporting the WKS, carry out the following actions:

1. Switch off the WKS.
2. Remove the plug fitting from the wall socket.
3. Close the water supply tap and disconnect the connection hose.
4. Remove the drip tray.
5. Empty the WKS by loosening the sealing plug underneath the appliance.
   BE CAREFUL, AS THE WATER CAN BE HOT!
6. Open the hot water drain tap.
7. Put the sealing plug back in place.
8. The WKS is now ready for transportation.

Animo®

Animo B.V. Headoffice
Dr. A.F. Philipsweg 47
P.O. Box 71
9400 AB Assen
The Netherlands
Tel. no. +31 (0)592 376376
Fax no. +31 (0)592 341751
E-mail: info@animo.nl
Internet: http://www.animo.eu

Rev. 1.0 03/2008 Art.nr. 09969