

ORIGINAL LINE M

USER MANUAL



Machines with manual water filling

UM_EN

Part No.: I764022_03



CONTENT	2
GENERAL	4
Introduction	4
Precautions	4
Intended use	4
Warnings	5
Facts & weight	6
General function description	6
OVERVIEW OF COMPONENTS	7
Front view	7
M-1	7
M-2	8
DM-4	9
Thermos M	10
Mega Gold M	11
Thermos Office	12
INSTALLATION AND START-UP	13
Positioning	13
Electrical connection	13
Hot plate function	14
First time start-up	14
OPERATION	16
Brewing with coffee	16
To maintain temperature and aroma	18
CLEANING AND CARE	19
Rinse thermos, decanter and serving station	19
Daily cleaning	20
Weekly cleaning	20
Cleaning serving station	21
Exterior cleaning	21
POSSIBLE SOLUTION	22
Fault and solution	22

DIMENSION..... 23

M-1 23

M-2 24

DM-4..... 25

Thermos M..... 26

Mega Gold M..... 27

Thermos Office 28

Some important information may appear in text boxes seen below:

 **IMPORTANT!**
INFO.

 **CAUTION!**
INFO.

More INFO.

Note INFO.

Introduction

Thank you for choosing an ORIGINAL LINE coffee brewer.
We hope you enjoy it !

- Read the user guide before using the machine.
- This guide contains important instructions for proper and safe use of the vending machine.
- Always keep this guide close at hand for future reference.

Precautions

- Do not try to open the appliance or repair it in any way. Only have the appliance repaired in a technical workshop, service centre or by a qualified person.
- Remove the mains cable from the socket when the appliance is not in use for longer periods. To do this, pull the plug not the cable.
- This appliance must be placed in a horizontal surface resistant to any water that may leak.
- Place the appliance out of reach of children.
- Position the mains cable so that people cannot trip over it. Keep it away from sharp edges and heat sources.
- The new hose-sets supplied with this appliance are to be used, old hose-sets must not be re-used.
- This appliance is not suitable for installation in an area where a water jet could be used.
- This appliance must not be cleaned by a water jet.
- Before performing maintenance and/or moving the machine, disconnect the machine from the power supply and wait for it to cool down.
- Do not touch the machine's hot surfaces or dispensing equipment.
- Do not touch the machine if your hands or feet are wet.
- Do not operate the machine if any part except the dispensing equipment is wet.

Intended use

- This appliance is intended for commercial use and similar applications such as:
 - Staff kitchen areas in shops.
 - Offices and other working environments.
 - Farm houses.
 - By clients in hotels, motels and other residential type environments.
 - Bed and breakfast type environments.
- For the optimal performance of the machine these parameters shall not be exceeded:
 - Maximum permissible inlet water pressure : 800KPa (8Bar)
 - Minimum permissible inlet water pressure: 200KPa (2Bar)
 - Maximum inlet water temperature: 40 °C
 - Minimum inlet water temperature: 10 °C
- The appliance is only to be installed in locations where its use and maintenance is restricted to trained personnel.
- The A-weighted sound pressure level is below 70 dB.

Warnings

- Never immerse the machine, plug or mains cable in water because there is a danger of electric shock.
- Do not use the machine if the machine mains cable, plug is damaged or the machine has fallen down.
- Damaged supply cords to be replaced by manufacturer, service agent or similarly qualified person to avoid hazard.
- Only plug the machine into a properly installed, earthed safety socket, whose line voltage matches the technical data for the machine.
- The device must not be used with a timer switch or a separate remote control system.
- The appliance is only to be installed in locations where its use and maintenance is restricted to trained personnel.
- Heating element surface is subject to residual heat after use.
- Avoid spillage on the connector.
- Beware of potential injury from misuse.
- Never immerse the appliance, plug or mains cable in water. There is a danger of electric shock.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- The appliance is not to be used 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.
- Children should be supervised to ensure they do not play with the appliance.
- The appliance is only to be installed in locations where it can be overseen by trained personnel.
- Do not use the appliance if the mains cable, plug is damaged or the appliance has fallen over.
- If the mains cable is damaged it must be replaced by the manufacturer, service agent or similarly qualified person in order to avoid a hazard.
- Only plug the appliance into a properly installed earth-grounded safety socket with line voltage matching the technical data for the appliance.
- In case of emergency, (e.g., the machine catches fire or becomes unusually hot or noisy), disconnect the power immediately and turn off the water supply.
- If the machine is likely to be exposed to temperatures below 0°C during handling and transport, make sure that service personnel empties the boiler and water system. (The machine's boiler and water system is empty when delivered from the factory.)
- Do not use the appliance outdoors where it can be exposed to severe weather (rain, snow, frost). It will cause material damage to the appliance.
- Prevent the appliance from freezing. If the water in the hydraulic system does freeze, do not use the appliance.
- If the machine does freeze despite the preventative measures, then allow the machine to defrost for 24 h in a dry and warm area. In this case, the machine may only be commissioned by a service technician.
- To ensure fault-free machine operation, only use manufacturer-approved replacement parts and accessories.
- No one is permitted to carry out service, maintenance or repair work unless they have been properly trained by the operating company or the manufacturer.

Facts & weight

FACTS	M-1	M-2	Thermos Office	DM-4	Thermos M	Mega Gold M
Height, Width, Depth	428, 205, 410 mm			428, 410, 410 mm	557, 205, 410 mm	655, 205, 445 mm
Thermos/de-canter volume	1.8 L	1.8 L	1.9 L	2x1.8 L	2.2 L	2.5 L
Power supply 220V	220-230V~ 50-60Hz 2295W -----	220-230V~ 50-60Hz 2390W -----	220-230V~ 50-60Hz 2200W -----	380-400V 2N~ 50-60Hz 4780W -----	220-230V~ 50-60Hz 2200W -----	220-230V~ 50-60Hz 2200W -----
Power supply 110V	110-120V IN ~ 1700W 50-60Hz	110-120V IN ~ 1800W 50-60Hz	110-120V IN ~ 1600W 50-60Hz	110-120V IN ~ 3600W 50-60Hz	110-120V IN ~ 1600W 50-60Hz	
Max number of cups each brew	12 Cups	12 Cups	12 Cups	2x12 Cups	15 Cups	17 Cups
Capacity	15 L/h	15 L/h	15 L/h	30 L/h	15 L/h	19 L/h
Brew time	6min	6min	6min	6min	7min	8.5min
Hot plates	1	2	None	4	None	None

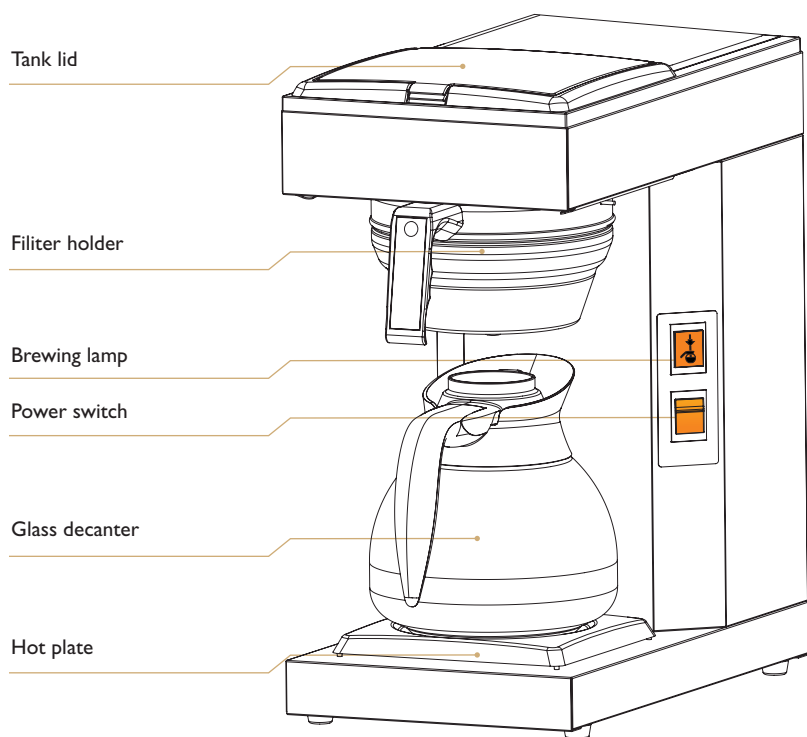
MODEL/NAME	M-1	M-2	Office Thermos	DM-4	Thermos M	Mega Gold M
Weight	8 kg	9 kg	9.5 kg	15.5 kg	10 kg	11.5 kg

General function description

- The water tank is fitted with a float switch that will activate heating unit when water is filled, this starts the brew process. During the brewing process a lamp will be lit on the machine's right side. When the tank is empty of water the heater unit will be switched off and the lamp will be turned off.
- A brew process takes around 6-8.5minutes to complete.

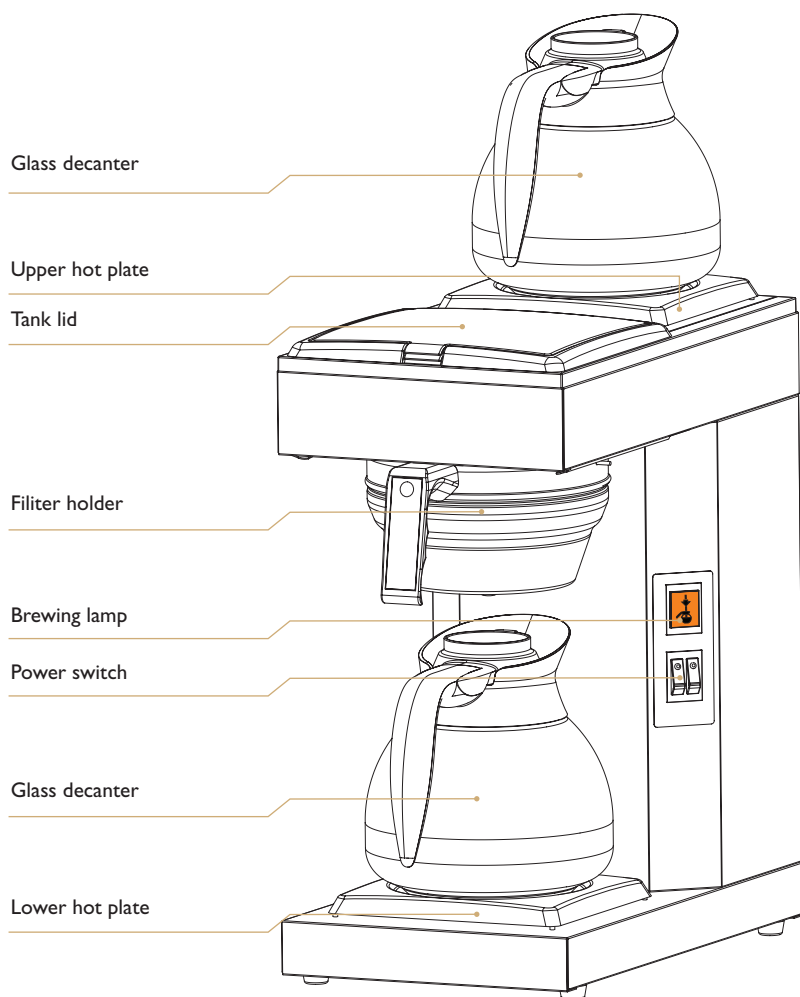
Front view

M-I



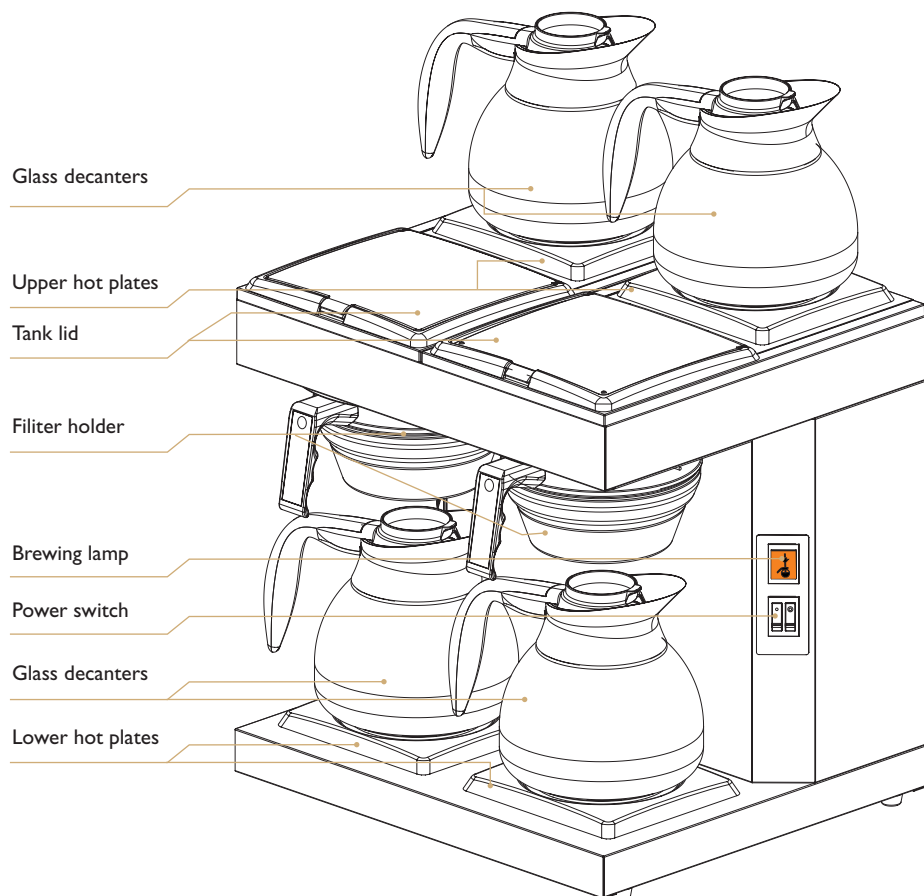
Front view

M-2



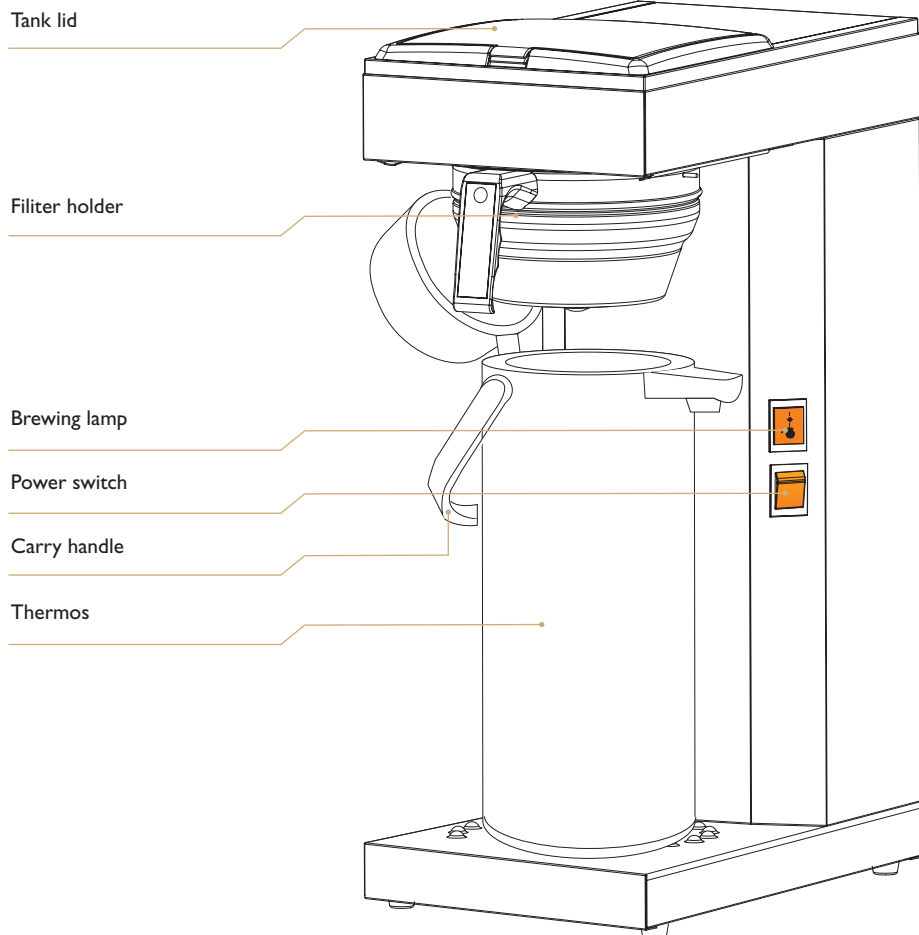
Front view

DM-4



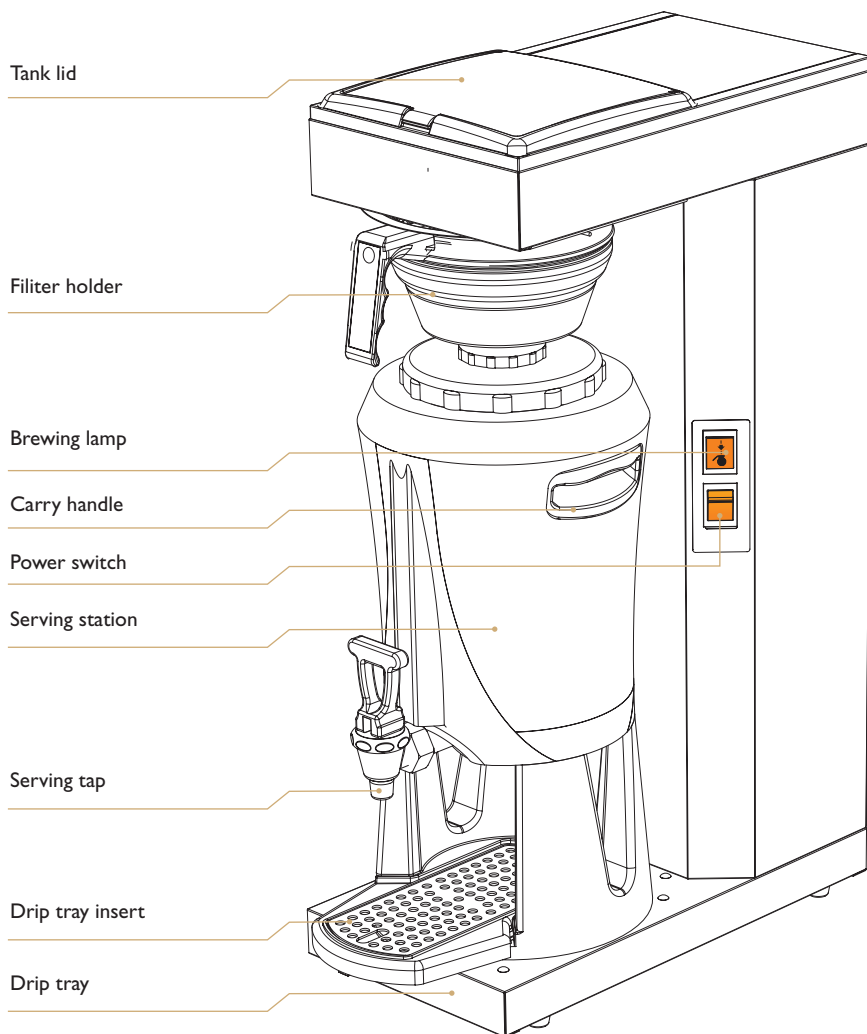
Front view

Thermos M



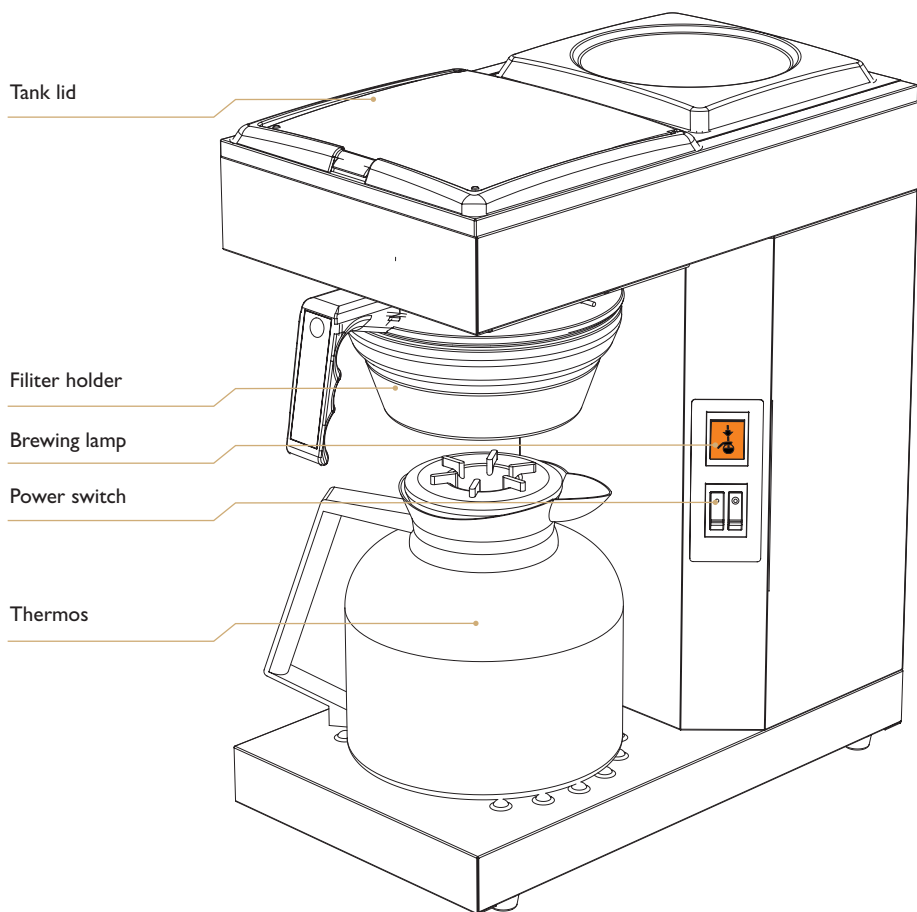
Front view

Mega Gold M

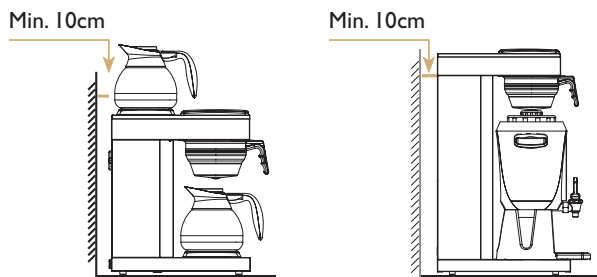


Front view

Thermos Office



Positioning

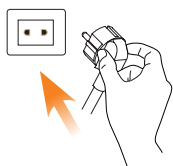


- Place the machine on a water-resistant, horizontal surface that will support the weight of the machine.

Note

Make sure air is able to circulate behind the machine (minimum 10cm).

Electrical connection



M-1, M-2, THERMOS M, MEGA GOLD M

■ IMPORTANT!

Connect the plug to an earthed wall socket.

110-120V / 220-230V 50-60Hz, 10 Amp.

DM-4

- The brewer is not reconnectable and may only be installed to the electric supply network with a voltage that is stated on the brewer and shall be carried out by an authorized electrician.
- Recommended: install a line circuit breaker and an earth fault breaker to the machine.

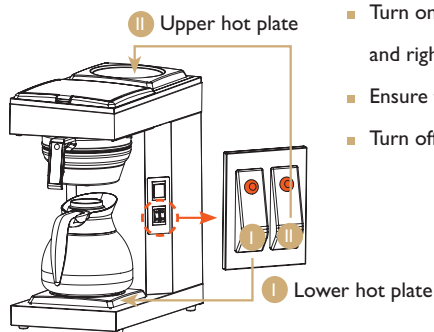
■ CAUTION!

- Brewer should be connected to 110V / 220V with neutral and ground.
- Use 10 Amp fuses.

■ IMPORTANT!

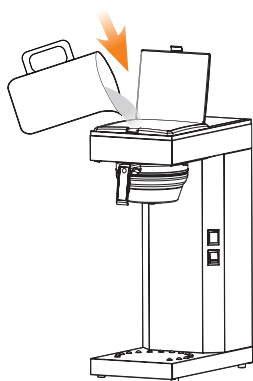
Electrical installations must be done by a qualified person.

Hot plate function



- Turn on left power switch: I for lower hot plate, and right power switch: II for upper hot plate.
- Ensure that the lamps turn on and that the hot plates get warm.
- Turn off power switches I and II when not in use.

First time start-up



IMPORTANT!

First time you use the machine do the first brewing with water only.

- Slide the filter holder into position without filter and coffee.
- Lift up the tank lid and fill the machine with 1.8L fresh tap water.

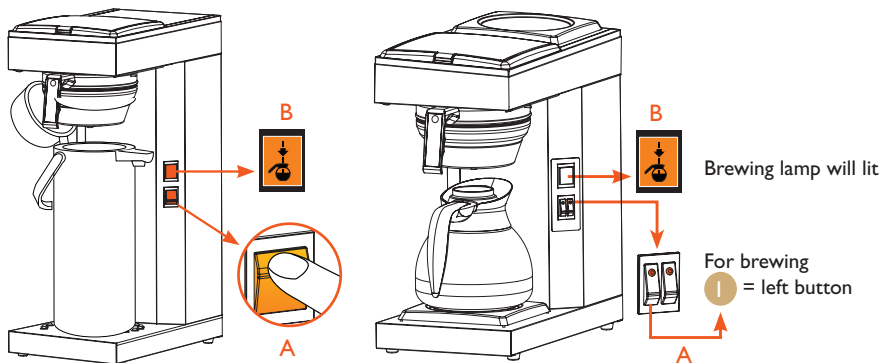
Do not fill it under running water (e.g. a tap). Only use the decanter.



WARNING

- Do not overfill, it is recommended that you always use the decanter supplied with the machine to measure the water quantity.
- Never fill the machine with brewed coffee, this may result in machine damage.

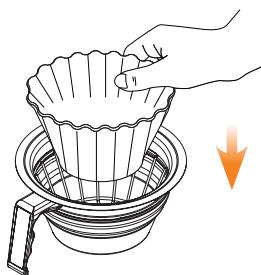
First time start-up



A thermos or decanter must always be in the machine when brewing is in progress.

- Place the thermos or decanter under the filterholder.
- Wait two minutes to let the system air-out and fill the heater unit.
- Turn on the power switch.(A)
- The brew lamp (B) will now be lit and indicates that brewing is in progress.
- After 20-30 seconds water shall start to pour into the filterholder and down in the thermos or decanter.
- When brewing is completed, empty the thermos or decanter.
- A whole brew process takes around 6~8 minutes.

Brewing with coffee



- Place a 90mm filter in the filter holder.

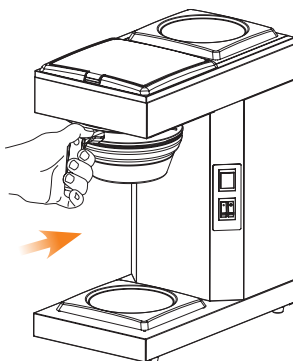
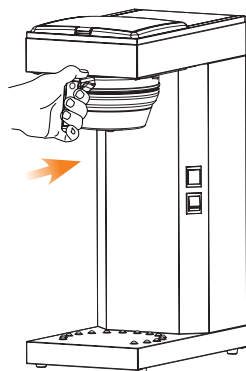
01



Recommended
coffee amount is
60g/L

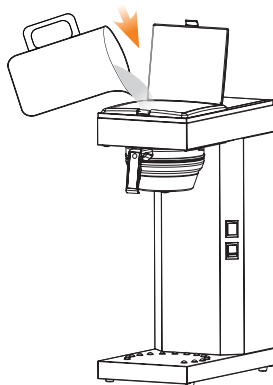
- Add coffee (restaurant / catering ground coffee). Make sure that the coffee is evenly spread.

02



- Slide the filter holder into position.

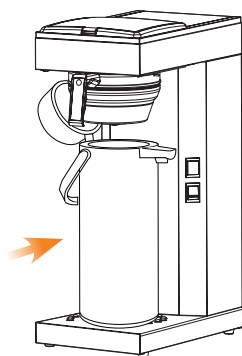
03



- Lift up the tank lid and pour in a decanter of fresh tap water.

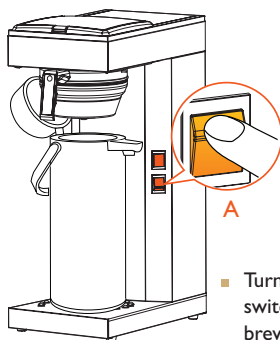
04

Brewing with coffee

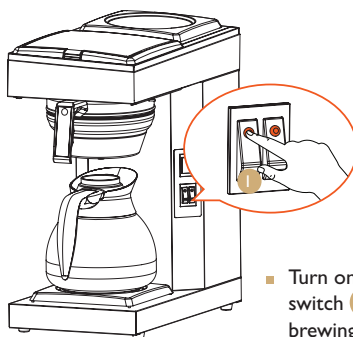


- Place the thermos or decanter under the filterholder.

05



- Turn on power switch for brewing. (A)



- Turn on power switch 1 for brewing.

06

Tips

Do not mix freshly brewed coffee with old. It will result in poor-tasting coffee.



CAUTION!

Under no circumstances fill brewed coffee or coffee powder into the water tank. It may cause machine damage.



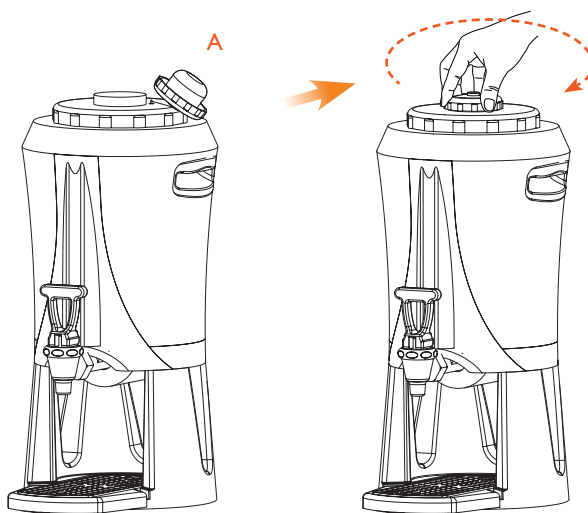
- During the brewing, (about 6 minutes) the brew lamp is lit.

07

To maintain temperature and aroma

Tips for keeping coffee hot

To pre-heat the serving station, make a brew with only hot water in the serving station. Let it stand for about 1 hour; then pour out the water. Then start a brew with coffee.



- To maintain temperature and aroma, put the lid (A) back on the serving station immediately after the brewing.



IMPORTANT!

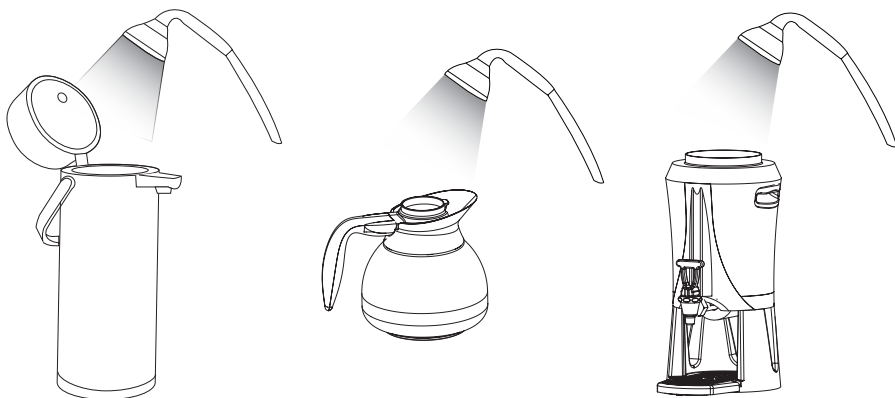
The temperature in the serving station will decrease with $\sim 1.5^{\circ}\text{C/h}$. There is $\sim 30\text{ml}$ of coffee standing in the tubes from the inner container to the coffee faucet. This part is not insulated and will drop in temperature much faster. If the serving station haven't been used in 1h the first cup can be lower in temperature. Cups after the first will not be affected of this.

Note: Access to the service area is restricted to persons having knowledge and practical experience of the appliance.

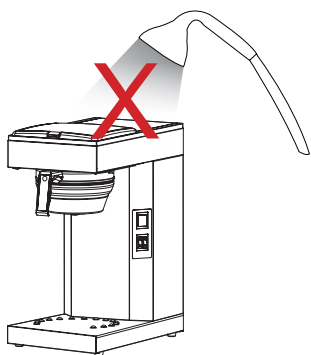
Tips for achieving the best quality

- Do not change the recommended portion of coffee.
- Do not mix freshly brewed coffee with old.
- Always rinse the serving station before next brew.
- Empty the filter holder of used filter and coffee grounds immediately after a brew.
- Dispense 50ml of coffee every hour to always have fresh and hot coffee to the tap.

Rinse thermos, decanter and serving station



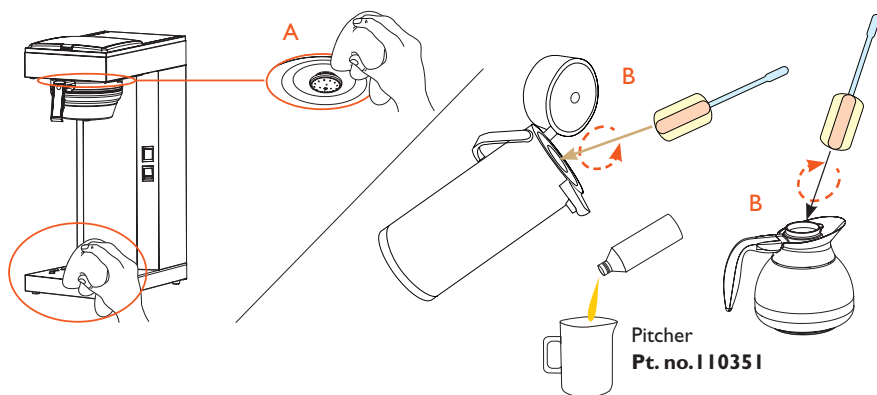
- Before each brewing, rinse the thermos, decanter or serving station with fresh tap water.
- When cleaning the outside, use a soft rag with liquid cleaning agent to prevent scratches.

**CAUTION!**

The machine should not be submerged in water or washed in a dishwasher - it will result in machine damage.

Daily cleaning

- Wash the thermos, decanter(B) and the filter holder with liquid solution for coffee machines. Always remove the filter immediately and clean the filter holder daily, coffee will get moldy.
- Clean the spray nozzle(A) and the surrounding area.
- Use a soft rag and liquid solution that does not scratch.

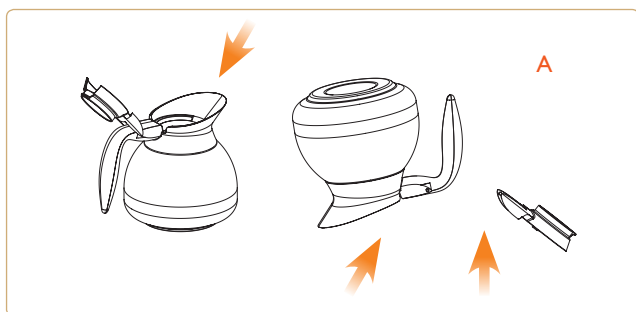


Weekly cleaning

- Descaling and cleaning.
- Pour 50 ml descaling / cleaning solution in a decanter and fill it up with cold water.
- Pour the mixture in the machine and proceed with a brewing without a filterpaper or coffee.
- Rinse the machine thoroughly by brewing at least 3 times with clean water so that the particles from descaling solution disappear.
- Regular descaling will ensure optimum brewing performance and a longer life of the machine.
- When cleaning the decanter in a dishwasher: remove lid and place decanter upside down in the dishwasher.(A)

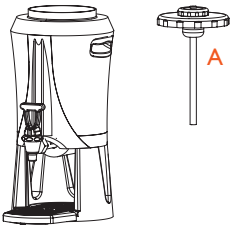


Descaling agent
Pt. no. 110412



Cleaning serving station

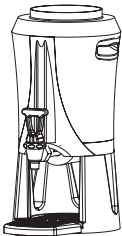
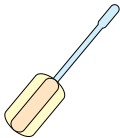
- Disassemble the level tube and clean it every week with the enclosed brush.
- Take off the main lid and clean the mixer tube(A).



IMPORTANT!

Rinse the inside of the serving station several times with fresh tap water.

Cleaning of serving station 2.5 L



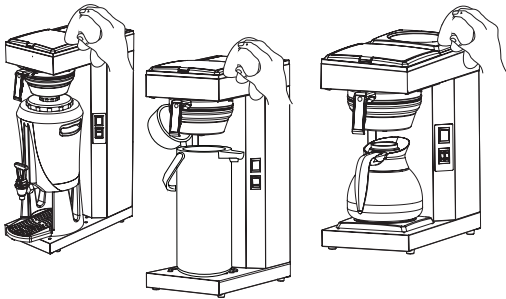
- Fill the serving station with hot water: (Full brewing without coffee and filter).
- Put 1 tablespoon with cleaning powder in the serving station and wait at least 15 minutes.
- Tap out 2/3 of the cleaning solution.
- Clean the serving station with the cleaning brush.
- Rinse the serving station with fresh tap water several times before next use.

OPTIONS



Part No.	CLEANING PARTS
I 104162	Cleaning powder
I 104231	Cleaning brush
I 103360	Cleaning brush for level tube, mixer tube

Exterior cleaning

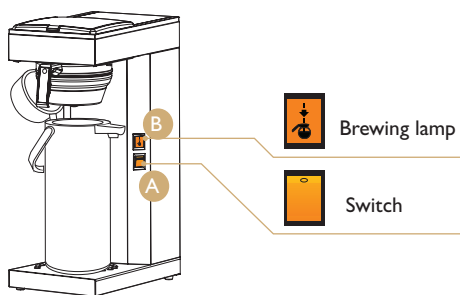


- When cleaning exterior of the machine, use a soft rag with liquid cleaning agent to prevent scratches.

Fault and solution

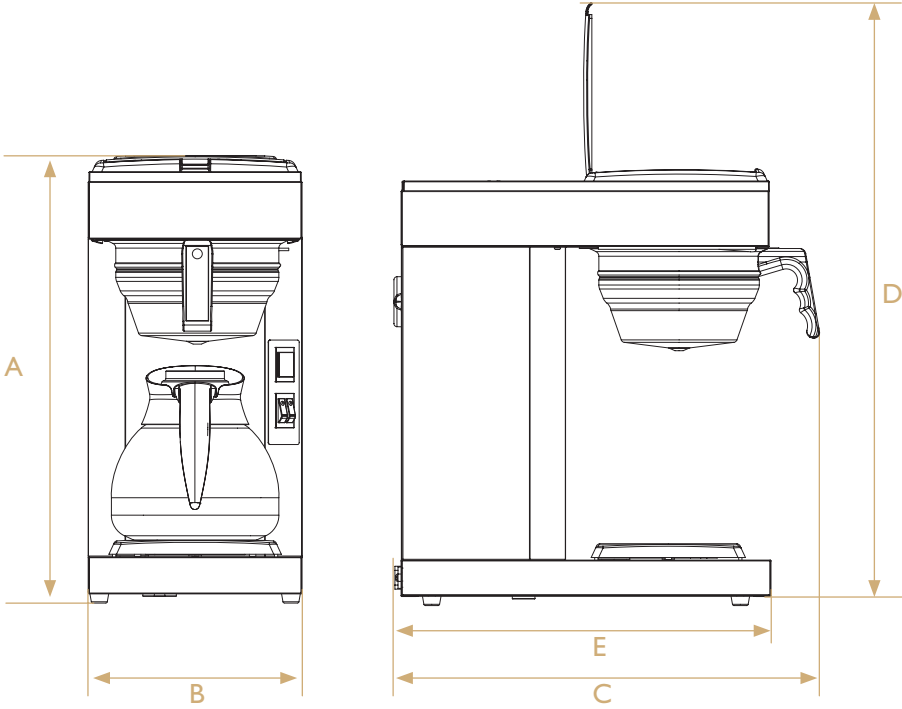
**IMPORTANT!**

All maintenance and installations must be done of an authorized technician.



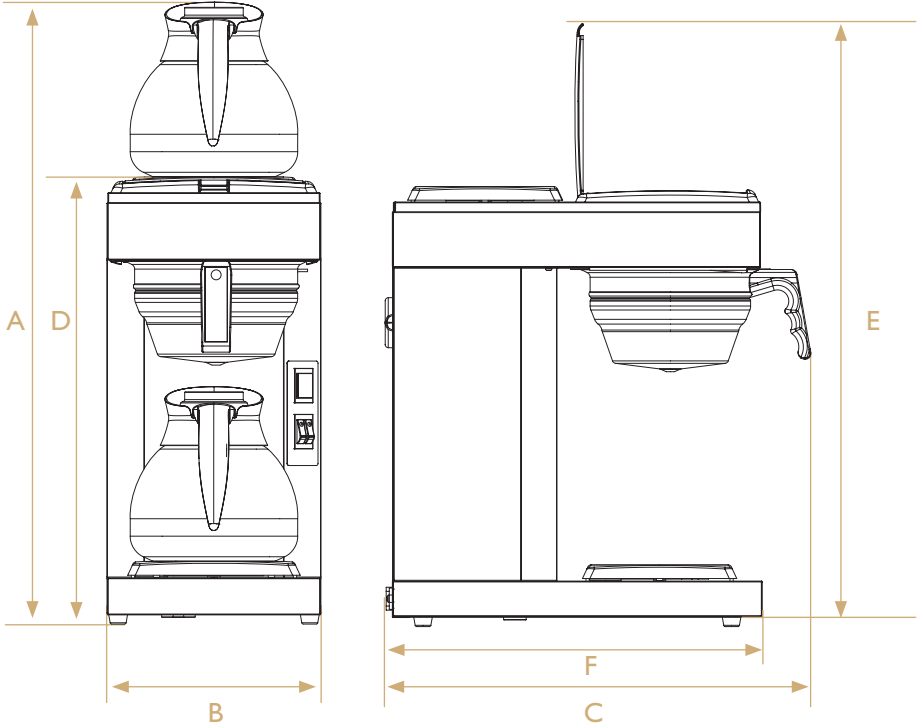
FAULT	POSSIBLE SOLUTION
Power switch A does not light	<ul style="list-style-type: none"> ■ Check plug connection to wall socket. ■ Check fuse in plug.
Brewer emits excess steam	<ul style="list-style-type: none"> ■ Machine may require descaling. ■ Spray nozzle may need unblocking. ■ Hose may be bent. ■ Inlet to boiler may be blocked. ■ Descale machine - if still defective - replace.
Brewing lamp B does not light, machine will not brew	<ul style="list-style-type: none"> ■ Overheating-switch is activated - reset with button. ■ Check microswitch. ■ Check float.
Brewing lamp B is lit but machine will not brew	<ul style="list-style-type: none"> ■ Check connection to boiler. ■ Boiler unit may need replacing.

M-I



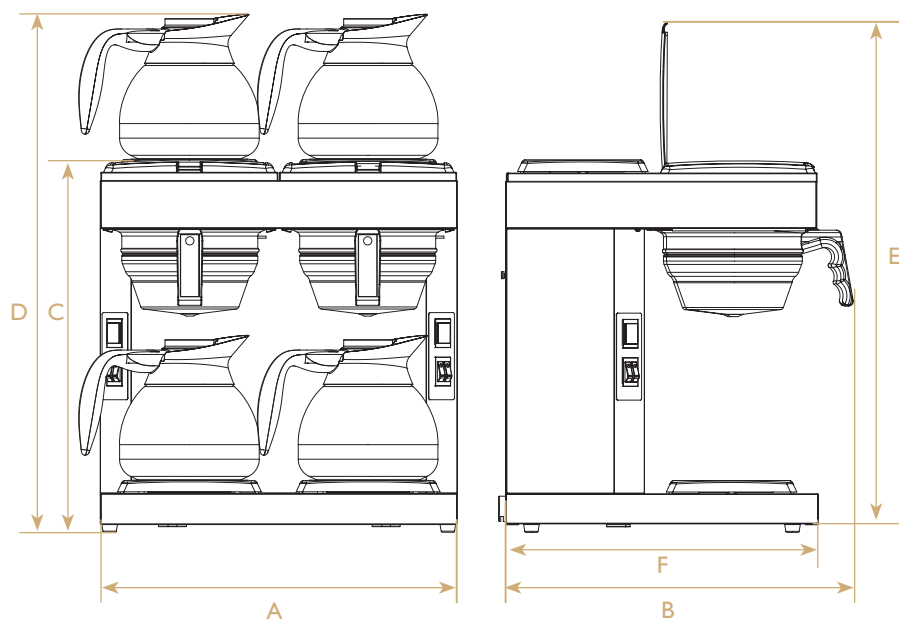
Model	A	B	C	D	E
M-I	428mm	205mm	410mm	578mm	360mm

M-2



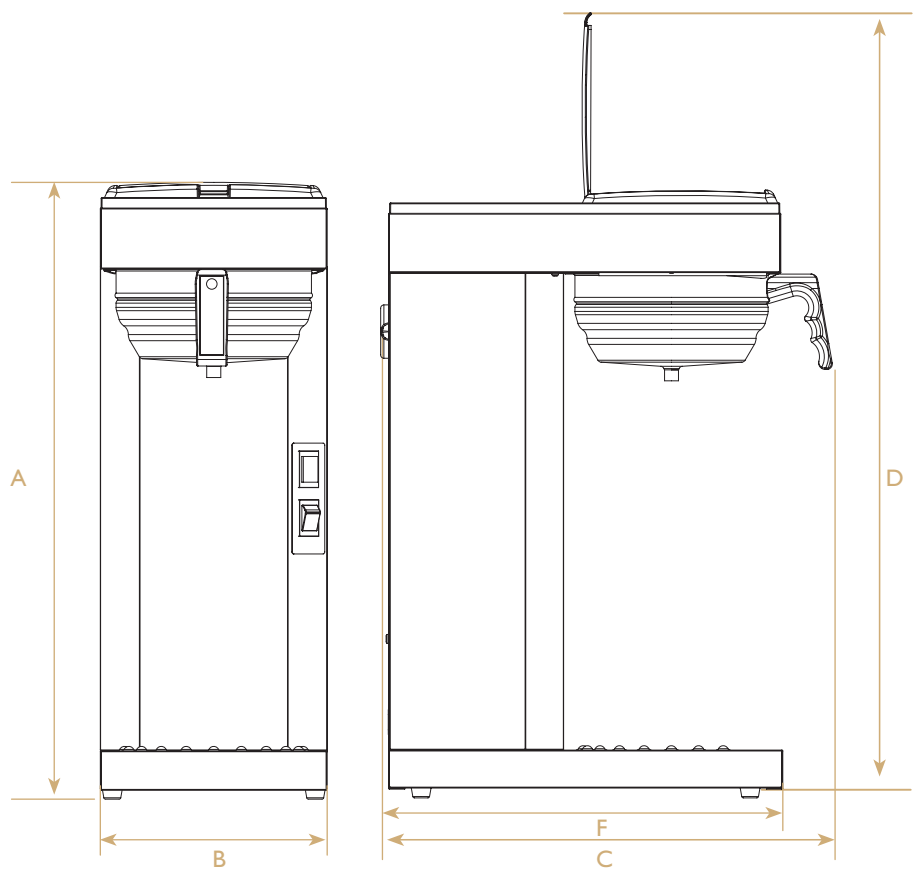
Model	A	B	C	D	E	F
M-2	595mm	205mm	410mm	428mm	578mm	360mm

DM-4



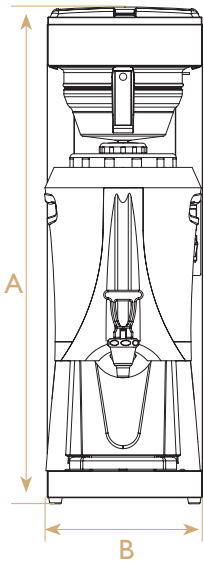
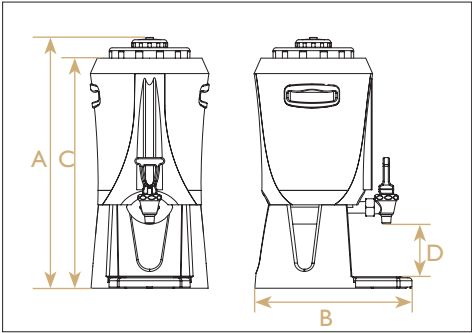
Model	A	B	C	D	E	F
DM-4	410mm	410mm	428mm	595mm	578mm	360mm

Thermos M



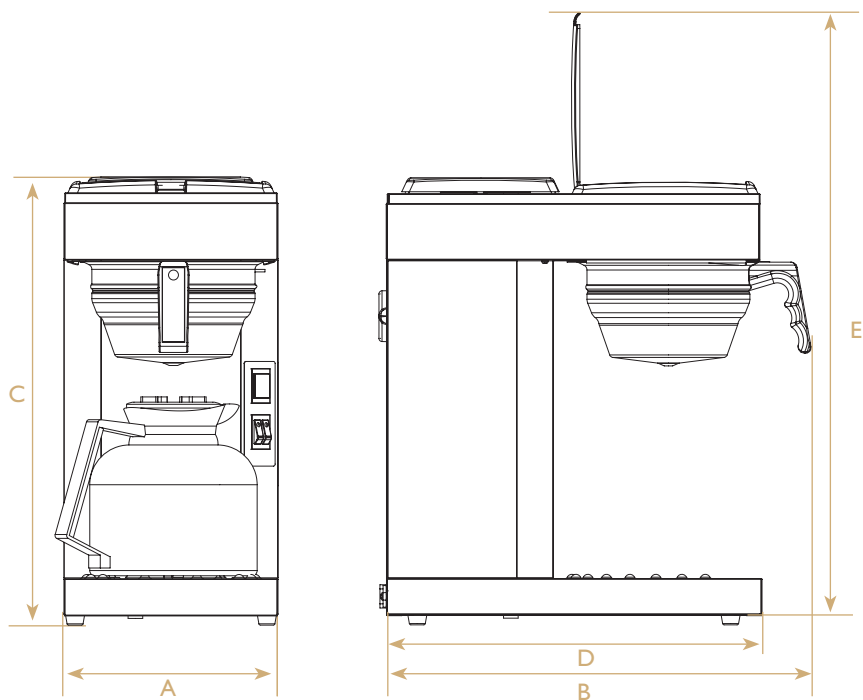
Model	A	B	C	D	F
Thermos M	557mm	205mm	410mm	708mm	360mm

Mega Gold M



Model	A	B	C	D	E
Mega Gold M	655mm	205mm	445mm	390mm	806mm
Serving Station	436mm	273mm	400mm	105mm	

Thermos Office



Model	A	B	C	D	E
Thermos Office	205mm	410mm	428mm	360mm	578mm

For the warranty to be valid the conditions for maintenance must have been followed according to our instructions, proper precaution has been made and warranty claim been issued without delay.

The affected equipment may not be used during awaiting service if there is any risk that the damage or defect would worsen or cause injury.

The warranty will not cover consumable supplies such as glassware, normal maintenance such as cleaning of filters, contaminations in water, lime, incorrect voltages, pressure or adjustment of water amounts.

The warranty will not cover damages of defects caused by incorrect handling and operation of the appliance.

FOR SERVICE

Please contact your dealer

Your Dealer

crem[®]
INTERNATIONAL

www.creminternational.com