

# GEVALIA®



## B r e w e r

O P E R A T O R ' S H A N D B O O K

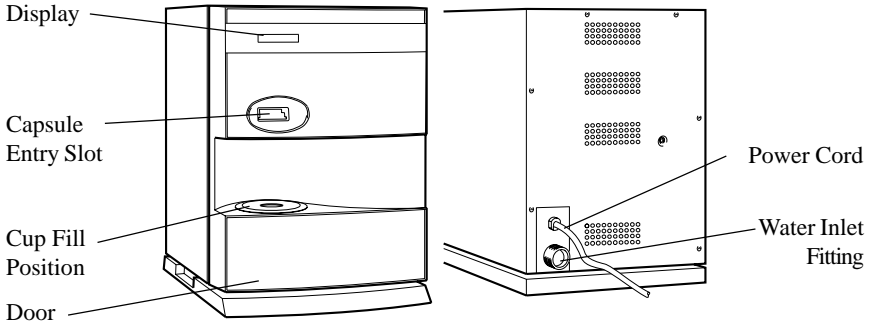


This handbook contains instructions for the GEVALIA Brewer.  
Please read the handbook before using the machine.

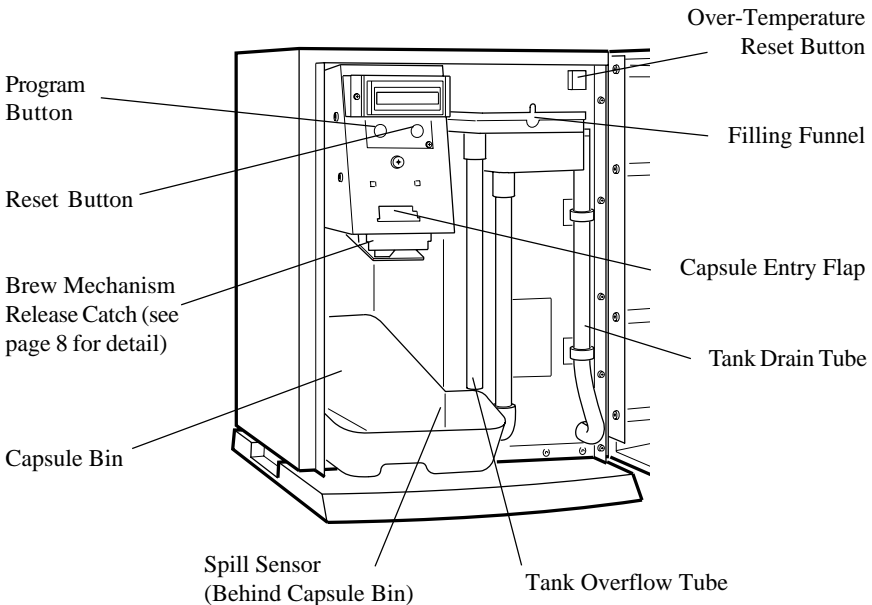
Keep this fold out page open while reading the Operator's Handbook.

# Machine Layout

## External Features

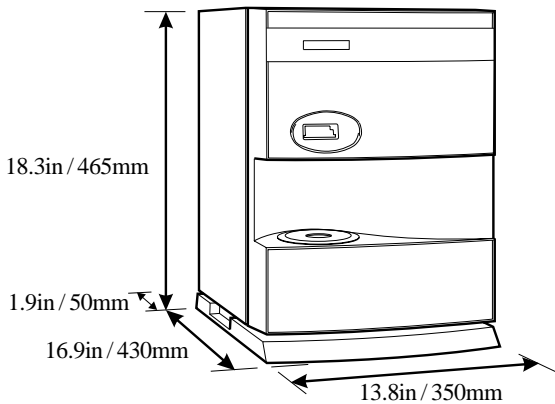


## Internal Features With Door Open



## Technical Details

### Dimensions



### ELECTRICAL POWER SUPPLY

The machine operates from a 120 V 50-60 Hz single phase A.C. power supply.

### POWER RATING

The machine is rated at 1.3 kW for Canada and either 1.3 kW or 1.6 kW for US only. Current drawn is approximately 10.8 and 13.3 A respectively.

### WATER SUPPLY OPTIONS PLUMBED

- 1) Flush water line prior to brewer installation. Connect to a cold water line.
- 2) Water pressure should be at least 20 psi. For less than 25' run, use 1/4" copper tubing and connect to 1/2" or larger water line. For longer runs, use 3/8" copper tubing and connect to 1/2" or larger water line and provide an adaptor fitting for connection to the brewer.
- 3) If installed with a saddle valve the port should have a minimum of 1/8" port hole for up to 25' run and 5/16" port hole for over 25' run.
- 4) Connect water line to plumbing fitting extending from the rear of the brewer.

### MANUAL FILL

**Jug Fill** - the machine may be filled manually by opening the front cover to expose the filling funnel. The tank has an average working capacity of 30 cups between refills.

### CAPSULE BIN CAPACITY

The capsule bin will hold up to thirty capsules. Capacity can be increased by mounting the machine on a base cabinet with built in trash bin.

### WEIGHT

Filled with water: 53 lbs / 24kg.  
Empty: 40 lbs / 18kg.

**CAUTION: This machine should not be used with artificially softened water.**

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## Important Safeguards

When using your Brewer, always follow these basic safety precautions:

1. Read **all** instructions **before** using the machine, and ensure that anyone who will be involved with the cleaning or refilling of the machine also reads the instructions.
2. This machine may contain up to 1-1/3 gallons of very hot water (up to 205° F). Therefore, supervision should always be available when the machine is being used near young children, the aged, or the infirm.
3. The machine should be situated on a strong horizontal surface, at a convenient height, in a position where it is not likely to be knocked off.
4. The Power Cord should never trail from the machine, and should always be kept away from hot surfaces and sharp edges.
5. Do not operate the machine if any part is damaged, e.g. Power Cord, until it has been checked by a qualified Technical Service Representative.
6. Allow the machine to cool before handling or moving.
7. Never immerse the machine in water, or any other liquid, and never clean with a water jet.
8. If the machine should accidentally freeze up, call a Technical Service Representative to check it before switching on.

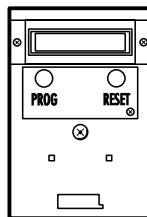
**ALWAYS DISCONNECT THE MACHINE FROM THE ELECTRICAL POWER SUPPLY BEFORE CLEANING AND SERVICING.**

## Setting Up

### Plumbed In Fill Option

Ensure water connection is made and water is turned on.

Press and hold the Program button, and at the same time, plug the power cord into the wall socket.



Machine will display

→ WATER SUPPLY ?

Release Program button and press Reset button to scroll through options (which alternate between Plumbed and Manual) until the display reads

→ Plumbed

Press and release Program button to return to normal operation. Water will fill into machine until display reads

→ WATER HEATING

or

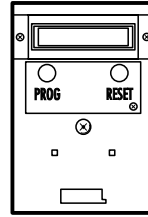
→ PLEASE WAIT

After a delay of approximately 15-20 minutes, the display will show 'Ready' and the machine can be used.

→ READY

## Manual Fill Option

Press and hold Program button and, at the same time, plug the power cord into the wall socket.



Machine will display

→ WATER SUPPLY ?

Release Program button and press Reset button to scroll through options (which alternate between Plumbed and Manual) until the display reads (i.e. filled by hand into the fill funnel)

→ Manual

Press and release the Program button to return to normal operation.  
When display shows

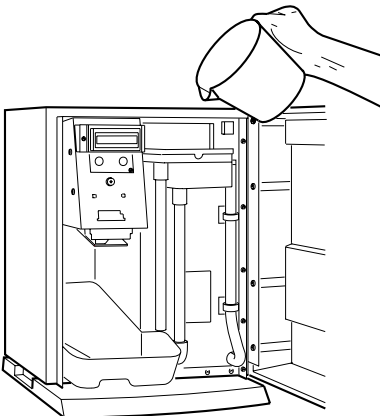
→ ADD WATER

Pour water into funnel, as shown, until water is level with the 'full' mark on the side of the fill funnel.  
Display will then show

→ WATER HEATING

or

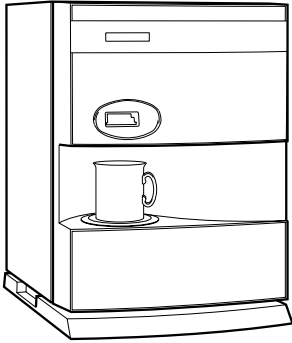
→ PLEASE WAIT



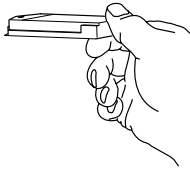
After a delay of approximately 15-20 minutes, the display will show 'Ready' and the machine can be used.

→ READY

## How To Get A Drink



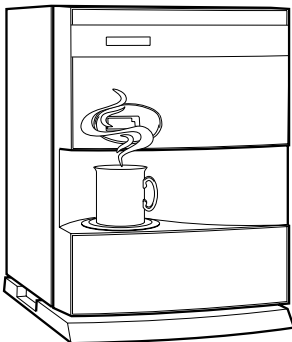
1. Place a cup in the correct position on the cup grille.



2. Hold capsule as shown, label side up.



3. Insert capsule, pointed end first, fully into the slot above the cup station.  
The capsule will be automatically drawn into the machine, and will commence brewing.



4. The drink will now be delivered into the cup. The capsule will be disposed of automatically.

Add milk and sugar as required.

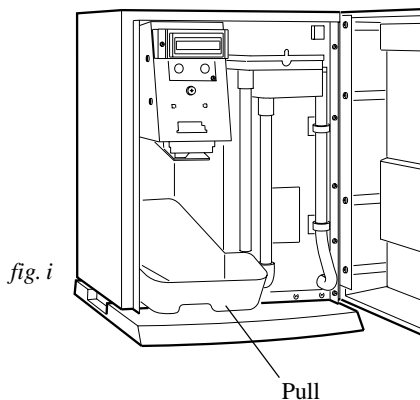
### Emptying The Capsule Bin

The capsule bin holds thirty capsules, and should, therefore, be emptied and cleaned daily. If the bin becomes full, the machine's display will read:

CHECK BIN!

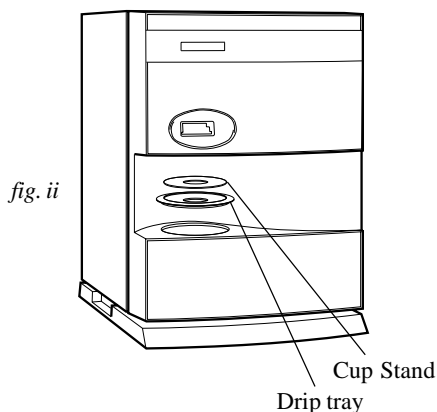
The capsule bin is full. Open the front door, remove the bin (*fig i*), and dispose of the contents. Replace bin, after washing in warm water. If 'Check Bin' message persists, switch off the machine and check underneath the brew mechanism to ensure a capsule is not still trapped. Remove the offending capsule, close the front door, switch on the machine and it will reset automatically.

NOTE: This automatic warning feature will not normally work on the optional base cabinet with the bin inside the cabinet; this must be checked daily by the key operator.



### Cleaning The Cup Station

Remove the cup stand and drip tray (*fig. ii*), and wash in warm, soapy water before replacing. Ensure it is correctly located.



## Weekly Maintenance

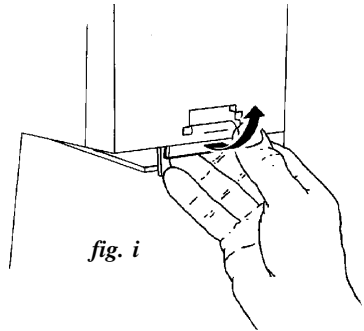
### Cleaning The Clamp Assembly

**WARNING: ALWAYS DISCONNECT THE MACHINE FROM THE ELECTRICAL SUPPLY BEFORE CARRYING OUT THIS OPERATION.**

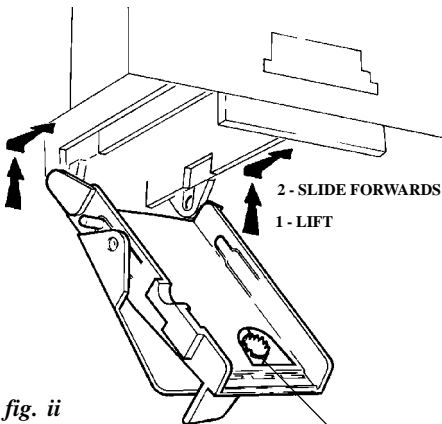
For weekly cleaning, or in the unlikely event of a capsule jamming, switch off the machine, open the door and remove the capsule bin, and lower the clamp assembly as follows:-

Place your thumb on the front cover of the brew mechanism and your forefinger behind the plastic latch. Unclip the latch by closing your thumb and forefinger. Gently lower the clamp plate assembly (*fig. i*).

**CAUTION!!** When the clamp plate assembly is lowered, or removed, sharp cutting teeth are exposed - handle with care!



*fig. i*



*fig. ii*

**CAUTION!!**  
Sharp Edges

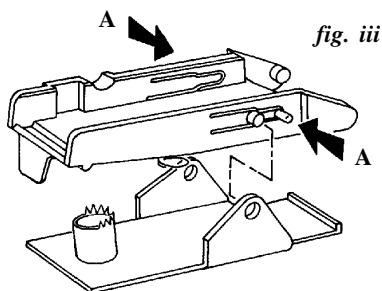
With the clamp plate assembly lowered, if you are clearing a jammed capsule, you will now see whether a capsule is jammed inside. Carefully remove any jammed capsules with your fingers - do not use sharp instruments or tools in the mechanism!

To unhook the clamp plate assembly, firmly grasp it by the sides (*fig. ii*), taking care not to touch the cutting edges. Swing the clamp plate towards you, to an angle of approximately 45°, then lift and slide it towards you, keeping it at the same angle.

With the clamp plate assembly removed, the clamp plate should be thoroughly cleaned, paying particular attention to ensure that the cutting teeth are clean.

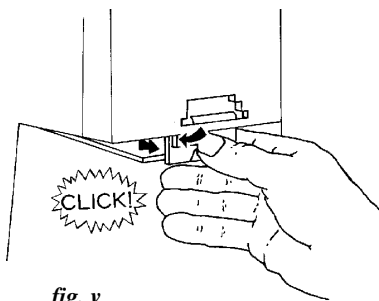
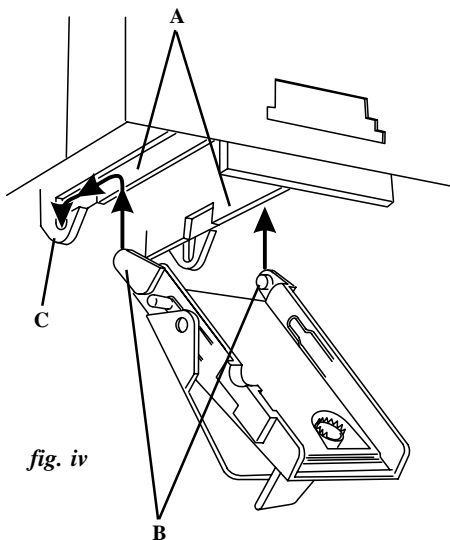
If necessary the lower clamp plate can be split to allow more thorough cleaning; simply push in the two plastic lugs (fig. iii A) and the clamp plate should unclip.

To re-assemble, push in the two plastic lugs and snap the clamp plate back into position.



Whilst the clamp plate assembly is removed from the machine, look underneath the brewing mechanism on the machine, and clean the underside of the brewing mechanism.

To replace the clamp plate assembly after cleaning, look underneath the machine to locate the hinge grooves (fig. iv A) either side of the brewing mechanism. Holding the clamp plate assembly in the palm of your hand, at an angle of 45°, align the clamp plate hinges (fig. iv B) with the hinge grooves and slide the assembly backwards, whilst still holding the clamp plate assembly at 45°, until it drops on the hooks (fig. iv C). The clamp assembly will swing freely if it is correctly located.



Close the mechanism by placing your forefinger behind the tab on the clamp plate assembly and raising it upwards, towards you. With the clamp plate in the 'up' position, place your thumb on the latch and, whilst keeping your forefinger behind the tab on the clamp plate assembly, snap the latch shut (fig. v). Close the door and switch on the machine.

fig. v

## Adjusting Drinks Volume

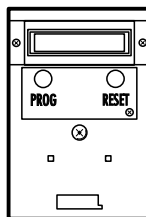
If, for any reason, you wish to adjust the drinks level, open the front door to gain access to the program button:

Press and hold the program button for five seconds.

Release the program button and the display will show:



Press the reset button to increase the drinks level. On reaching maximum, the levels will automatically decrease in stages back to minimum. Select the desired level, then press the program button to return to operating mode.



**Water Temperature  
Up To 205°F / 96°C**

## Drinks Counter

Press the program and reset buttons together. The display will remain for as long as you press both buttons.



Release both buttons to return to normal operation.

Note: The counter cannot be reset.

## What To Do If Things Go Wrong

In the unlikely event of a problem occurring, your machine will attempt to diagnose the fault and display the appropriate message.

Try to identify the fault shown on the display with one of those illustrated on the following pages, and follow the remedial course of action. Most of these problems can be solved by clearing the cause of the fault, and pressing the reset button, or unplugging the machine from the electrical outlet and then back in again after five seconds delay.

If, however, you require the assistance of a Technical Service Representative, please help us to help you by noting the cause of the problem and the circumstances under which it occurred. This will help our Service Representative assess the situation more clearly.

PLEASE WAIT

or

WATER HEATING

The machine is heating or filling the water tank. This should take no more than 15-20 minutes.

ADD WATER

(manual fill machine only)

The capsule entry flap has locked due to lack of water in the tank.

Refill the tank with water and the machine will operate normally after heating up the water.

CHECK BIN!

The capsule bin is full.

NOTE: This automatic warning feature will not work on machines mounted on the optional base cabinet. The bin inside the cabinet must be checked daily by the key operator.

Open the door, remove the capsule bin, dispose of the contents, and replace capsule bin.

If 'CHECK BIN' message persists, **switch off the machine** and check underneath the brew mechanism to ensure a capsule is not still trapped (see 'Cleaning the Clamp Assembly' on page 8). Remove the offending capsule, switch on the machine and it will reset automatically.

CHECK SPILL!

PRESS RESET

Water or coffee has leaked into the base tray of the machine, either from the capsule bin area or from the workings of the machine itself.

**Switch off the machine.**

Open the door and remove the capsule bin. Thoroughly dry the base tray using absorbent paper towels. Pay particular attention to the spill sensor, and dry it thoroughly. Switch the machine on and it will reset automatically.

If the fault recurs, and fresh clear water is seen in the base tray area, disconnect the machine from the power supply and close the water tap.  
Call a Technical Service Representative.

CLOSE FLAP

There is a capsule in the entry flap of the brew mechanism, or the capsule entry flap is stuck open.

Remove the capsule from the entry flap, or if the capsule entry flap is stuck open, switch off the machine, open the front door, and remove the clamp assembly (see 'Cleaning the Clamp Assembly' on page 8). Clear away any obstacle holding the capsule entry flap open and pull the entry flap forward until it is in the closed position. Reassemble the clamp and close the door.

Switch on the machine to revert to normal operation.

CAPSULE JAMMED

or

BREWMEC ERROR \*

\* may be any number from 1 - 9.

Switch off the machine, remove the clamp, clear any jammed capsules and replace the clamp.

Switch on the machine.

If the problem persists, call a Technical Service Representative.

CLOSE CLAMP

The lower plate of the brew mechanism has been lowered or removed.

Switch off the machine.

Open the door, replace and close the lower clamp plate.

**Take care when handling the lower plate as it has sharp cutting edges!**

Switch on the machine.

OUT OF SERVICE

or

WATER ERROR 1

An internal error has occurred.

Switch off the machine. After a delay of 5 seconds switch on again, this should reset the machine.

If the problem recurs, call a Technical Service Representative.

CHECK STEAMSTAT

or

WATER ERROR 2

The machine has been trying to heat the water for 20 minutes without success.

This suggests that the over-temperature reset button has tripped, or the element has failed.

Press the **RED** over-temperature reset button situated on the top right hand side panel, inside the main front door.

**PRESS THE RESET BUTTON.**

If the problem recurs after a further 20 minutes, **SWITCH OFF THE MACHINE**, and call a Technical Service Representative.

CHECK WATER

or

WATER ERROR 3

or

WATER ERROR 4

(plumbed in machine only)  
Ensure water supply is turned on.

Press the **RESET** button to return machine to normal mode.

OVER PRESSURE!

Pressure built up within the capsule while brewing, the brewing cycle was stopped and the capsule was ejected into the bin. The customer may have received either a short measure or possibly no drink at all.

Switch off the machine and, after following the instructions for 'Cleaning the Clamp Assembly' (on page 8), close the main door and switch on the machine.

If the fault recurs, call a Technical Service Representative.

**Fault Rectification**

Should you require the assistance of a Technical Service Representative, after checking the 'Display Messages' (see Contents page), please contact the Newco customer service department at:

**Telephone 800-325-7867**

**Fax 636-925-0029**

Outside normal business hours, a telephone answering service is available.

If you wish to write to us, the address is:

**Newco Enterprises, Inc.  
1735 S. River Rd.  
St. Charles, MO 63303 USA**

**O P E R A T O R ' S H A N D B O O K**

# OPERATOR'S HANDBOOK

