

ATLANTIS[®]

User Manual Hot Beverage Dispensers



NEO
2/3/4 LANE



CLASSIC
2/3/4 LANE



SELECT
MULTI OPTIONS



COMPACT
2 OPTIONS

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The pictures are used for representation purpose only.

Note: Machine specifications are subject to change without notice.

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LETTER FROM THE COMPANY

Congratulations on your purchase of the Atlantis Hot Beverage Dispenser

This product has been engineered for optimum and convenient performance.

We assure you years of satisfactory and trouble free performance.

This appliance is intended to be used in:

- Staff kitchen areas in shops, offices and other similar working environments.
- In hotels, motels and cafeteria.
- In Institutes like Colleges and Hospitals.
- 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.

WARNING:

- 1. WHEN POSITIONING THE APPLIANCE, ENSURE THE SUPPLY CORD IS NOT ENTANGLED OR DAMAGED.**
- 2. DO NOT LOCATE MULTIPLE PORTABLE SOCKET OUTLET OR PORTABLE POWER SUPPLIES AT THE REAR OF THE APPLIANCE.**

Please be sure to follow the instructions in the operating guideline for a long life of the product.

We do hope that you will enjoy using your Atlantis Hot Beverage Dispenser



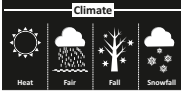
Please read the
User manual prior
to using the machine.

Ensure staff access to
user manual !



In the event of any
service matter see
service manual.

Product Feature:



Designed to suit Indian climatic conditions



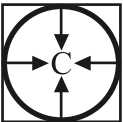
Function Indicating LCD display



Thermal protection for over heat



Suitable for Single Phase Operation



Compact Design

Introduction Models:

MODELS	DESCRIPTION
2 Lane	Hot Beverage Dispenser
3/4 Lane	Hot Beverage Dispenser
Select	Multi Option Hot Beverage Dispenser
Compact	Hot Beverage Dispenser

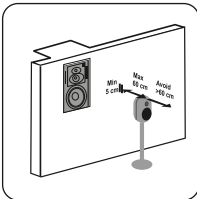
1.0 - Installation Guidelines

1.1 Locating the Machine:



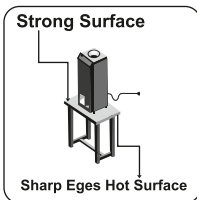
(Image a)

1.1.1 The machine is suitable for indoor use only, sited in an area with a recommended ambient temperature not below 10° C and not exceeding 35° C. (image a)



(Image b)

1.1.2 Prior to moving the machine to its location, ensure that there is sufficient access to ensure adequate ventilation. 100 - 150 mm (4-6 inches) clearance must be allowed between the back of the cabinet and the wall. (Image b)

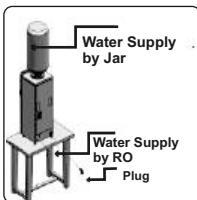


(Image c)

1.1.3 Ensure that the machine is situated on a strong horizontal surface (See Specifications table), at a convenient height and on a stable surface. (Image c)

1.2 Installation of Machine

1.2.1 Open the cabinet door using the key provided. Remove all transit packing and the installation kit from the machine. Check for visual signs of damage which may have occurred during transit. If the machine is damaged or any parts are missing, you must contact the authorised seller immediately.



1.2.2 The machine should be situated within one metre of a drinking water supply in case the pump is used for filling the water into the machine.

1.2.3 First break the seal of the potable drinking water jar/ source. Overturn the water bottle on top of the machine carefully to avoid air lock.

1.2.4 In case direct online water supply is used please note water supply pressure should be within 2.8 PSIG~30 PSIG.

1.2.5 Disconnect the plug while changing the jar.

1.2.6 Installation of Atlantis Compact

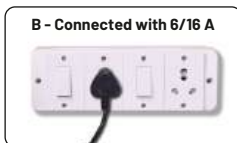
- Open the cover of the water reservoir on top of the machine and fill with water.
- Open the front door and remove the canisters. Fill the canisters with beverage mix powder.
- Replace the canisters and close the door.
- Plug the mains cord of the machine into the power outlet and switch on the mains. Turn on the main switch at the back of the machine.
- The machine will now be in the power on mode and the 'WAIT' indicator would be glowing indicating that the water is heating. The machine will be ready to dispense once the 'WAIT' indicators turn off.
- Open the dispensing area door and place empty cup on the tray under the beverage outlet and close the door.
- Select the beverage cups size and strength using the respective ☕ and ☕ buttons on the left hand side.
- Press button on the right hand side for the beverage selected. The machine will dispense the drink.
- Open the dispensing area door and remove the cup.

1.3. General Safety Instructions

Read this manual carefully before using the machine.

- The machine should not be installed in a place which is exposed to wet conditions it should not be cleaned using sprayed water.
- Only trained service technicians are authorized to service/dismantle any component of the machine.
- Proper earthing is essential with 3 pin 6/16 amp supply socket at the outlet.
- Switch off the power supply and unplug the mains cord before carrying out any cleaning or maintenance operation.
- Do not touch the machine with wet hands.
- Do not unplug the machine from the source by pulling the power supply cable.

1.4. Connecting the Electricity Supply:



1.4.1 The machine must be connected to a 230 Volt 50Hz 6/16 amps switch socket outlet.

Important: If the mains lead becomes damaged in any way it must be replaced by a special lead available from the manufacturer.

1.5 User Programming Mode:

1.5.1 Programming of Atlantis 2 Lane



Membrane Switch



Touch Panel

The Atlantis 2 Lane is a fully programmable machine which can be customized to the customer's requirements. The machine uses two types of keypads depending on the model purchased, the programming instructions are similar in both cases. Please follow the simple instructions below to program your machine:

- Press the STOP switch for 3 seconds and the machine enters the programming mode.
- Now we would be using the COFFEE, TEA and HALF buttons to program the machine.
- We enter the programming mode, the display would show PREMIX 1 - 3.75. This indicates the dispensing time in seconds for the powder from the canister 1. There would also be a cursor under the number before the decimal.
- The COFFEE and TEA buttons can be used to increase or decrease this number. Once done, press the HALF button and the cursor would then move to the digit after the decimal point. The HALF button would hence forth play the role of an ENTER/SAVE button. (Move ahead with STOP and ENTER/SAVE with HALF button)
- Press HALF (enter) again and the display would show WATER 1 6.0.
- Follow the procedure to change the quantity of water in the drink 1 side as above.
- Press HALF and the display would show PREMIX 2 - 3.75. This refers to the quantity of powder from canister 2 dispensed. Changes can be made as above.
- Press HALF again for WATER 2 (water from the drink 2 side). Make changes as above. Note that the setting for WATER would always be 1.0 sec more than the respective premix. This would ensure that the water would always flow more than the powder prevents allow accumulation of powder in the mixing bowl.
- Press HALF button again and the display show HOT WATER 6.0. This is the quantity of water which is dispensed when we push the HOT WATER button. The quantity can be adjusted by using the COFFEE and TEA buttons and saved by pressing the HALF button as above.

- Press **Half** Again It will show "Half Drink 1- 50%" we can set it in the range of 30-70% (with help of **COFFEE & TEA** Button);on pressing again **HALF** it will show "Half Drink 2 - 50%" we can set it in the range of 30-70% (with help of **COFFEE & TEA** Button).
- Press **HALF** again and the display would show **ENABLE COIN**. (Only applicable to token operated machine.) Using the **COFFEE** and **TEA** we can enable - **YES** or disable the token mechanism - **NO**.
- Press **Half** again and we now enter the **SET FLUSH** mode. Here we have the following options (all available using the **COFFEE/TEA** switches). If we want to flush the machine at regular intervals, especially when not in use, then we should enable - **YES** this option.
- Press **HALF** again and the display shows **TEMP 82**. Again this can be adjusted (to a maximum of 90 degree) by using the **COFFEE & TEA** (up and down) switches.
THE DEFAULT PASSWORD IS CURRENTLY ENTERED BY PRESSING HALF 5 TIMES.
- Next mode on pressing **HALF** is the **SET DEFAULT** option. In you enable the same by imputing **YES**, then all settings of water, powder, temp etc would be restored to the factory settings (password and user message remain same).
- Press **HALF** and the screen would show **CNTR RESET**. Pressing **TEA** would show **YES** then you have to enter the password and the counters of B1 and B2 would be reset to 0.
- Press **HALF** again and we have the **USER MESSAGE** change option. Using the **COFFEE, TEA** and **HALF** buttons (for saving) you can actually change the name on the display to your choice. A unique feature only on this machines.
- Lastly pressing **HALF** would show **CHANGE PASSWORD**. Press **TEA** or **COFFEE** and the **YES** option appears. Press **HALF** again and **ENTER** the old password followed by the new password twice.
- Press **HALF** again and the machine display shows "returns to the regular **MAKE YOUR CHOICE** mode".

1.5.2 Programming of Atlantis 3/4 Lane:



Membrane Switch



Touch Panel

The 3 and 4 lane machines are programmed in a very similar manner to the Atlantis 2 Lane. The main differences have been highlighted.

The five buttons are named **BEV 1**, **BEV 2**, **BEV 3**, **BEV 4**, **STOP**. **BEV 1** and **BEV 2** buttons does the same function as the COFFEE/TEA button to increase/decrease time and toggle to enable or disable functions. **BEV 3** is the equivalent of the **HALF** button in the 2 lane Café mini and is primarily for saving and moving on to next mode. IN the Café Plus, to get hot water or half cup, just press the **STOP** button once and then the **BEV** button of your choice to get hot water/half cup of drink from that lane. A longer press of the **STOP** button and you can enter the **MENU** mode and follow the same instructions as the Café Mini programming.

1.5.3 Programming of Atlantis Select:



Touch Panel Select

Press stop switch for 3 sec and machine will enter the programming mode.

Now screen will show "**SET DRINKS? : NO**", Press **Key 1** (Black Coffee) Key for YES; Then it will show message Select Drink on the screen.

Now select required Bev; Bev1, Bev2, Bev3, Bev4, Bev5, Bev6, Bev7 which setting we want to change by pressing their respective key.

For example by selecting Bev 1 it will show COFE WTR:06.00 which is the time for which water from lane 1 is dispensed. This can be increased by pressing Key 1(Black Coffee) and decreased by pressing Key 2 (Cappuccino with Low Sugar) and saved by Key 3 (Cappuccino with Sugar). Post saving the display will show COFE PDR: 02.00 we can increase and decrease the coffee powder quantity as given above ie Key 1 for increase and Key 2 for decrease and save by Key 3. Post saving display will show COFE DLY: 02.00 here DLY stand for the providing a time delay to powder from starting of the water.

This powder delay can be increased and decreased as above.

Same process can be repeated for other drinks. For example, if we want to set Bev 4 (Café Latte) then enter Settings by pressing the STOP key for 3 secs, say yes (pressing key 1) to SELECT DRINKS, choose the Bev you want to adjust by pressing that same key which is key 4 in our example. Display will show COFE WTR: 02.50, increase by Key 1, decrease by Key 2 and saved by Key 3. Display will now show

COFE PDR: 02.10, adjustable with increase by Key 1, decrease by Key 2 and save by Key 3, then display will show as COFE DLY: 01.40 and then COFE WPR: 05.40 after that it will come WTR 2: 03.76. After that it will shows the Lane 2 DLY: 0.50 remember DLY is always provide delay in powder dispensing from the start of the drink.

If don't want to change any drink setting then easily escape "**SET DRINKS?: NO**" screen by pressing stop key. It shows "**Auto Flush?: NO**" We can change it for 60 min and 90 min by pressing Key 1 and save by Key 3. Timing for flushing is given 06.00 sec by default which adjustable increase by Key 1 and decrease by Key 2 and save by Key 3.

On saving (press key 3) flush setting it shows **Temperature: 88° C** which we can adjust temp 75 to 99° C (Atlantis recommend 85° C for better taste) save the temperature by Key 3.

Next window will show **Set Default?: NO** by pressing Key 1 it can be change to Yes on enabling it, It will restore all the settings, temp etc. to the factory settings (password and user message will not change)

Then Display shows **CNTR Reset?: NO** on changing to yes by key 1 it will ask for password. Upon entering the 5 digit password it will reset the data of served drinks to 00000.

Then Display shows **USER MESSAGE: YES**. For changing user message press Key 3 otherwise you can escape by Key 9 (stop key). For changing it will ask for password, message can be adjusted by Key 1 and Key 2, Key 1 increase the alphabetical values and key 2 go downwards in alphabetical values.

Next window will show **CHANGE PSWD?: NO**. If you want to change password press Key 3 and enter old password and then enter your unique required password by Key 1, and Key 2 for entering value from 0 to 9.

1.5.4 Programming of Atlantis Compact:



Usage Instructions

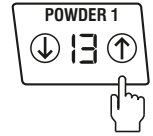
- Your "DIAL A TASTE" beverage center comes at a default setting for 90 ml water. Change your cup size anytime!

Your drink size can be **INCREASED**  OR **DECREASED**  simply by pressing the **WATER** keys.



- Your "DIAL A TASTE" beverage center comes at a default setting for 13 gm premix. Change your beverage strength anytime!

The premix quantity strength can be **INCREASED**  or **DECREASED**  simply by pressing the **RESPECTIVE** keys.



NOTE: THE MAXIMUM QUANTITY OF POWDER THAT CAN BE DISPENSED AT A PARTICULAR SETTING OF WATER IS PRESET. THIS IS DONE TO ENSURE PROPER MIXING.

2.0 – Operational Guidelines

2.1. Machine function:

The following procedure must be carried out by a trained installation engineer before the machine can be used for the first time.



Image (a)



Image (b)

2.1.1 Ensure that the electrical and water services to the machine are connected correctly. Also ensure that you have sufficient water quantity in the boiler or the machine is connected to proper water source and then turn on electrical supply. Ensure that the waste tray is fitted correctly to the machine. (Image a & image b)



Image (c)



Image (d)

2.1.2 Fill the canisters with the correct ingredients, close the lids and re-fit canisters into machine ensuring that they are returned to their correct positions. Rotate the canister outlets to their correct operating positions. (Image c & image d)



Image

2.1.3 While the machine is powering up, the LCD will display the message as shown. "PLEASE WAIT - HEATING". Ensure that no water overflows from the storage tank into the machine.

Important:

If the water fails to fill correctly or leaks, turn off the machine before investigating the fault check the LCD display on the front of the machine to ensure that the water has heated to the correct temperature and that the machine is in ready mode.

2.2 Beverage Dispensing:

2.2.1 Switch On the machine.

2.2.2 Put the Cup on drip tray for dispensing the beverage.

2.2.3 Press the button for required beverage. Desired beverage & dispensing progress will be shown in display.

2.2.4 Wait for beverage dispensing.

2.2.5 Your beverage is ready to drink.

Caution : Take care at dispensing time, don't touch the hot beverage with your hand during dispensing. Hot water at 88 deg C can cause burns to user.



2.2.6 After dispensing the beverage switch off the tea & coffee machine if not in use for long time.

2.3 Daily Cleaning Operation:

2.3.1 Material: Single use cotton, food grade utensils, Detergent.

2.3.2 Hygiene: Wash hands thoroughly with water and soap before handling the machine and products.

2.3.3 Use only potable water to clean the machine.



Image (a)

Note:

a) To clean plastic cup upper remove the plastic cup upper, as you can see the image (a)



Image (b)

b) To clean plastic cup lower remove the plastic cup lower, as you can see the image (b)



Image (c)

c) To clean mixi base lower rotate it clockwise and remove, as you can see the image (c)



Image (d)

d) To clean mixi base rotate it anti clockwise and remove, as you can see the image (d)



Image (e)

e) To clean mixing assembly open mixing assembly impeller washer & o-ring and wash, as you can see the image (e)

Other part



Image (f)

1. Clean elbow (image-f) on weekly basis.



Image (g)

2. Canister (image-g) on weekly basis. Carefully remove the Canister from its position & Clean it . set it back to the position after cleaning.



Image (h)

3. Ensure the drip tray empty and clean drip tray (image-h) on weekly basis. Carefully remove the drip tray from its position & Clean it . set it back to the position after cleaning.

2.4 Daily Canister filling/Jar Changing Operation:

2.4.1 Canister filling:



Image (a)

1. In case of canister filling open the cap from canister you can see the image (a).



Image (b)

2. Fill the beverage after opening the cap you can see the image (b)



Image (c)

3. After filling the powder in the canister cover the canister outlet by the cap, as you can see the image (c)

2.4.2 Jar Changing Operation:



Image (a)

1. In case of changing of water jar disconnect the machine, as you can see the image (a).

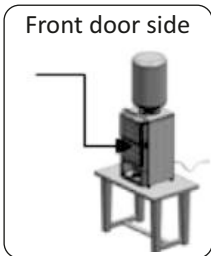


Image (b)

2. While changing the water jar, take care that water should not flow on front of the door, as you can see the image (b).

3. Use only approved potable drinking water jar/source

2.4 .3 Descaling:

Descaling is in three stages:

Preparation

Descaling

Rinsing



Descaler is caustic!!!

Always follow the instruction on the descaler package.

Descaling Frequency:

Please descale your machine once in six months or after 10000 cups - which ever is earlier

Descaling Method:

1. Turn off your machine, remove the plug from the main socket.
 2. Remove all the water by opening the drain outlet at the back of the machine. Pls empty all the water in a bucket. Caution - since the water may be hot, remove drain plug with care.
 3. Prepare Descaling solution in a container (Add 4 sachets of recommended descalant in 4 litres of water)
 4. Fill the solution in the machine. Either by using the pump (in the pump enabled option) - attach the pump inlet pipe into the container with descalant or empty the container directly into the machine from the bubble top inlet on top of the machine.
 5. Reconnect the plug and turn on the machine. The pump enabled machine will automatically draw in the water from the descalant water container
 6. . If the water level low indicator comes on after descalant water has been filled in the machine - then add more water either through the pump or pour directly through the funnel on top of the machine till the low water indication is removed from the main display and Heating On sign appears.
 7. Let the descalant water in the machine be heated to the normal dispensing temperature, then turn off the machine and leave the solution for half an hour in the tanks inside the machine
 8. Now drain the machine again - as in step 1 above.
 9. Fill the machine with fresh water/ Connect the water pipe in fresh water container
 10. Now turn on the machine
 11. Flush your machine at least 5 times
- The machine is now ready for use.

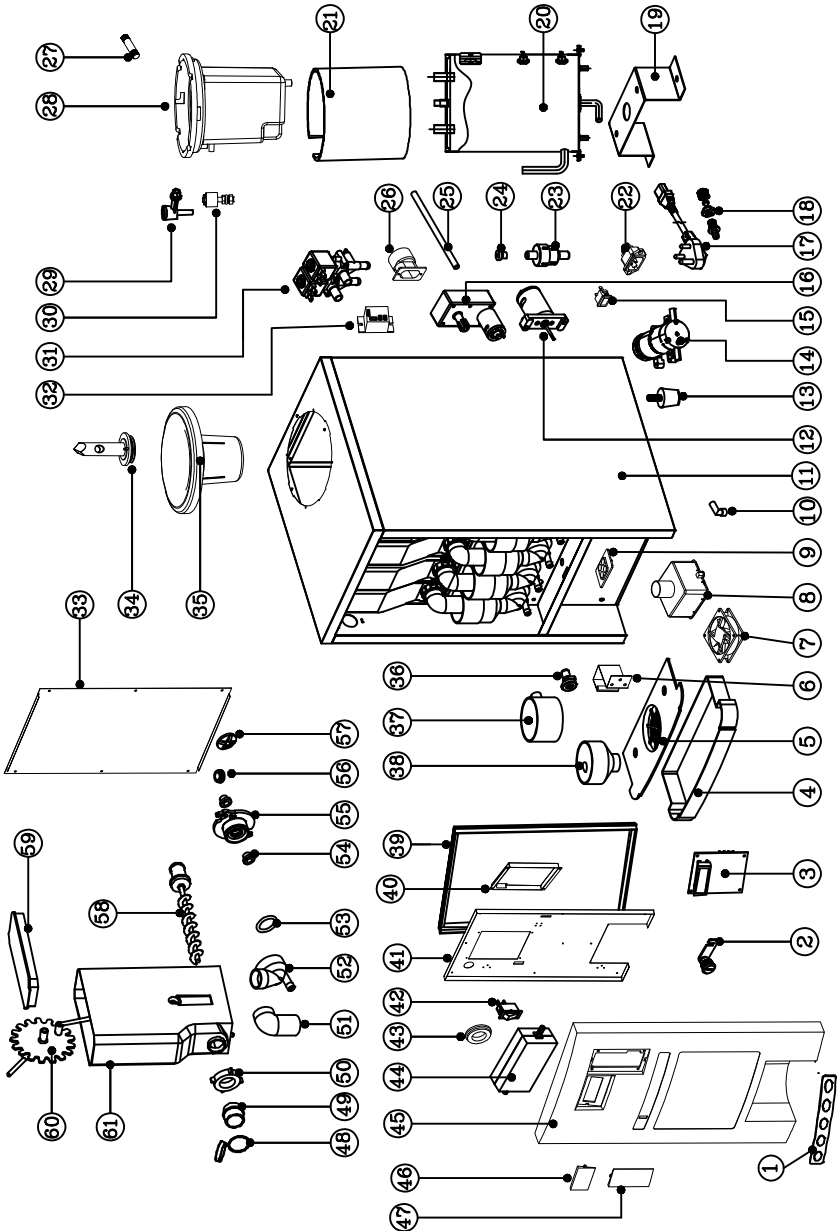
3.0 – Service Guidelines

3.1 Basic trouble shooting chart

Problem	Cause & Remedy
1. If display shows "Heating..." for more than 10 minutes.	<ol style="list-style-type: none"> 1. Check loose connections continuity at heater/ fuse/ holder relay/ terminals. 2. Check loose connections at main controller card connector & rectify. 3. Check 230 Volt AC supply across heater. terminal, if power supply not detected replace heater. 4. If Power supply not detected check DC signal across relay terminals. <ol style="list-style-type: none"> a) If power supply not detected replace relay. b) If power Supply not detected, than replace controller card.
2. If display shows "LOW WATER FILL".	<ol style="list-style-type: none"> 1. Check water level in bubble top. 2. Check continuity of sensor wire from controller card to tank.
3. Overheating in Boiler tank.	<ol style="list-style-type: none"> 1. Check loose connection of temperature sensor on the boiler. 2. Check DC supply across the relay if 24 V is not detected then replace the relay. 3. Check bimetallic thermostat connection properly. 4. Check main controller card if D5 glow continuous then replace the controller card.
4. Electric Shock.	<ol style="list-style-type: none"> 1. Check earthing/ polarity in supply Socket. 2. Check water leaking inside the machine and rectify it. 3. Check loose connection of earthing wire machine body. 4. Check continuity between machine body & earth pin on 16 amp power plug. If continuity is not there replace power cord.

<p>5. As soon as machine is switched on power supply trips.</p>	<ol style="list-style-type: none"> 1. Check correct rating of MCB. 2. Change main lead if machine doesn't trip then replace main lead permanently. 3. Open one connection of hot tank if adapter trips again then replace the hot tank. 4. Open connection of adapter if machine trips again replace the adapter. 5. Check the phase of main supply is not short with body.
<p>6. Cold water tank is full, no dispensing of water while pressing dispensing button only premix is dispensing.</p>	<ol style="list-style-type: none"> 1. Check loose connection & continuity between main controller card & DV connections. 2. Check connections of DV. 3. Replace main board. 4. Replace the DV.
<p>7. Variation in end cup volume.</p>	<ol style="list-style-type: none"> 1. Check scaling in valve & clean it. 2. Replace dispense valve.
<p>8. Premix clotting in canister elbow.</p>	<ol style="list-style-type: none"> 1. Check exhaust fan. 2. If exhaust working, check exhaust pipe connected properly between fan & duct. Connect it properly. If it is not working, check loose connection at exhaust fan. 3. Replace exhaust fan.
<p>9. Variation in end cup taste.</p>	<ol style="list-style-type: none"> 1. Check level of ingredient inside the canister. Refill if it is below minimum level. 2. Check whipper motor is working or not. If it is not working, check the voltage across motor terminal. <ol style="list-style-type: none"> (a) If power supply detected replace whipper motor. (b) If power supply not detected check loose connection. (c) Replace main board.

3.2 Exploded view with spare list



Part's Name

PART No.	Parts Name	PART No.	Parts Name
01	Membrane Switch	32	Relay
02	Lock With Key	33	Back Plate
03	Controller Card	34	Puncturing Tube
04	Waste Water Tray	35	Funnel
05	Waste Water Tray Lid	36	Water Inlet
06	Door Hinge	37	Plastic Cup Upper
07	Exhaust Fan	38	Plastic Cup Lower
08	Exhaust Fan Cover	39	HBD Gasket
09	Distribution Plate	40	Controller Card Plate
10	Over Flow	41	Door Sheet
11	Sheet Metal Body	42	Red Switch
12	Whipper Motor	43	Washer Black Fiber
13	Rubber Feet	44	Adapter
14	Pump 24 V	45	Front Door
15	Indicator	46	Controller Card Display Cover
16	Gear Motor	47	Coin Maker Cover
17	Power Cord	48	Canister Elbow Cap
18	Drain Set	49	Canister Elbow Nozzle
19	Hot Tank Stand	50	Canister End
20	Hot Tank	51	Canister Elbow
21	EP Foam	52	Plastic Mixi Upper
22	Power Inlet Socket	53	O Ring
23	NRV	54	Mixi Button
24	Heating Sensor Rubber	55	Plastic Mixi Base
25	Silicon Pipe	56	Impeller Washer
26	Steam Cover	57	Impeller
27	Fuse	58	Canister Rod
28	HBD Storage Tank	59	Canister Cap
29	Steam Trap	60	Canister Wheel
30	HBD Float Valve Vertical	61	Canister Body
31	DV (Solenoid Valve)		

3.3 Part replacement process of all critical components:

Object / Part Name	Technical data
Pump	24 V DC/<350 mA
Solenoid Valve	24 V DC/<400 mA
Whipper Motor	24 V DC/11-16500 RPM
Gear Motor	24 V DC/90/140 RPM
DC Fan	24 V DC
Controller Card	With LCD Display
Power Supply	Input : 180 V AC - 280 V AC Output : 24 V DC - 2 amp / 3 amp
Inlet Solenoid Valve	24 V DC/<300 mA
Hot Tank	700/1500/2000 Watts

*Specifications are subject to change without any prior notice.

3.3.1 Part replacement process of Hot Tank (boiler):



Step 1: Unplug the machine. Remove the back plate of your machine. Your machine hot tank will look like this.

Step 2: Begin with removing the internal wire (element leads.)



Step 3: Remove the drain set.



Step 4: Remove the hot tank pipe, steam pipe & sensor.



Step 5: Unbolt the screw to bottom.

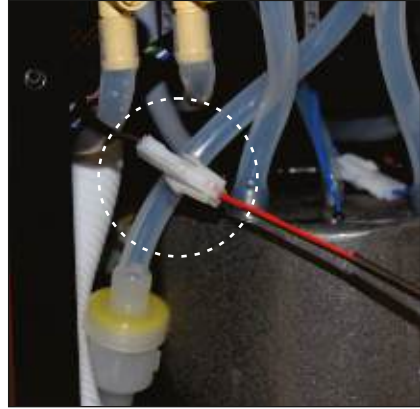


Step 6: Remove & replace the hot tank (boiler.)

3.3.2 Part replacement process of Gear Motor:



Step 1: Unplug the machine. Remove the back plate of your machine. Your machine will look like this.



Step 2: Begin with removing the mating connectors.



Step 3: -Unbolt the gear motor screw.

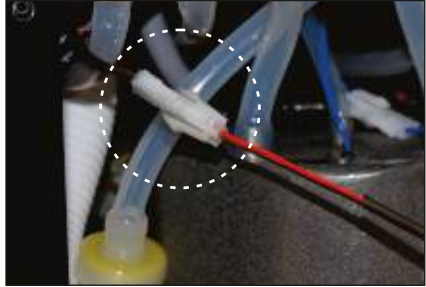


Step 4: Remove and replace the gear motor.

3.3.3 Part replacement process of Whipper Motor:



Step 1: Unplug the machine. Remove the back plate of your machine. Your machine hot tank will look like this.



Step 2: Begin with removing the mating connectors.



Step 3: Open the front door of your machine with help of key.



Step 4: Remove the plastic cups (Upper & lower.)



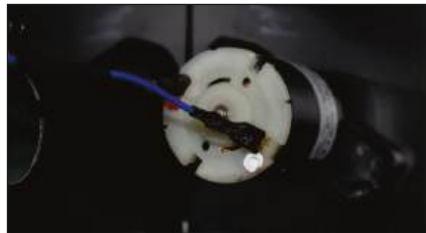
Step 5: Remove the mixi component.



Step 6: Remove the impeller & mixi base.

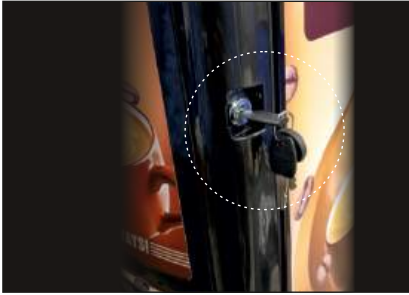


Step 7: Remove the whipper motor.

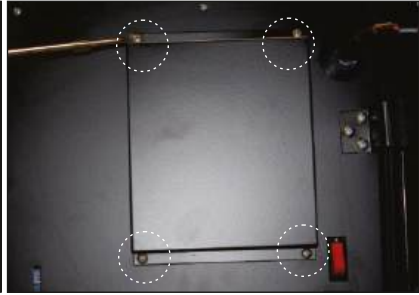


Step 8: Replace the whipper motor.

3.3.4 Part replacement process of Controller Card:



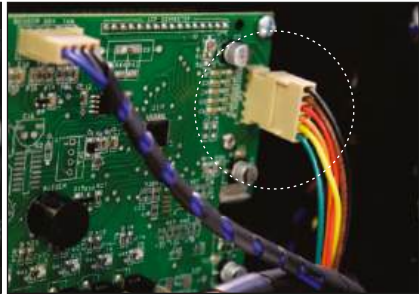
Step 1: Open the front door of your machine with the help of key.



Step 2: Open the front door screw.



Step 3: Remove the screw of door sheet.



Step 4: Remove the connector.



Step 5: Remove the controller card screws.



Step 6: Remove & replace controller card.

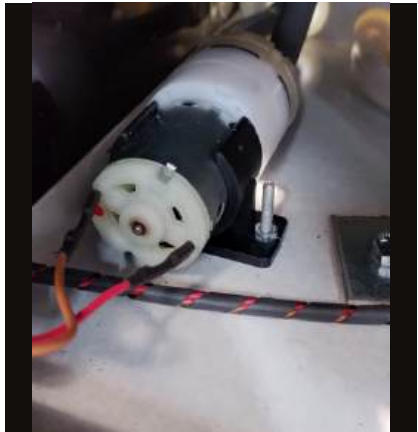
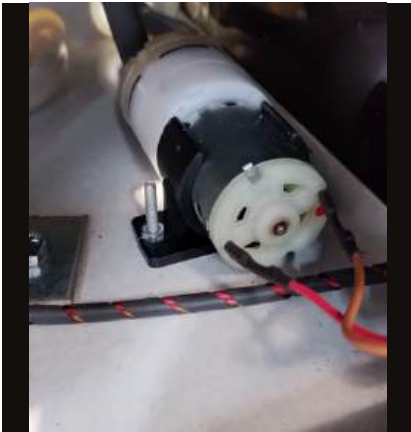
3.3.5 Part replacement process of Pump:



Step 1: Unplug the machine. Open the door of your machine with help of key.



Step 2 : Remove the 4 screw of front plate.



Step 3: Pull the pump remove the pipes and replace the pump.

3.3.6 Part replacement process of Solenoid valve:



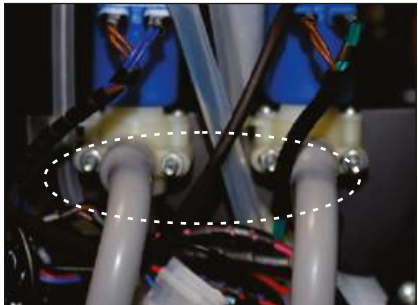
Step 1: Unplug the machine remove the back plate of your machine. Your machine will look like this.



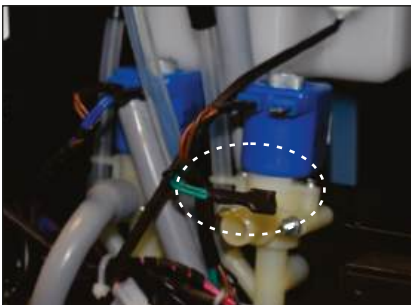
Step 2: Identify the solenoid valve.



Step 3: Open the screw of solenoid valve angle



Step 4: Remove the piping of solenoid valve.



Step 5: Remove the wiring.



Step 6: Remove & replace solenoid Valve.

3.3.7 Part replacement process of DC Fan:



Step 1: Unplug the machine. Remove the back plate of your machine, and remove flexible pipe carefully.



Step 2: Remove the connection of fan.



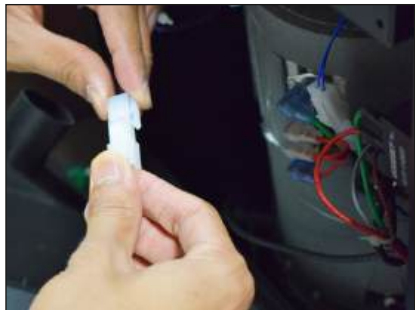
Step 3: Open the screw of fan cover.



Step 4: Open the screw of DC fan



Step 5: Replace the DC fan and fit properly.



Step 6: Reconnect the connection and fit the back plate carefully

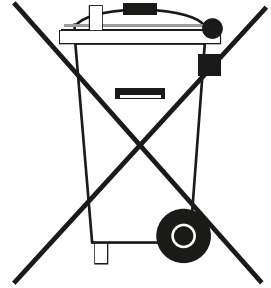
Note that the fan location in some models is at the bottom plate of the machine and not on the back plate.

4. Disposal of machine:

After completing the life cycle the machine should be treated as per e-waste management rules. Consumer or bulk consumer should channelize e-waste generated by them to authorized collection centre or registered dismantler or recycler.

Bulk Consumer should maintain records of e-waste generated by them.

Consumer shall ensure that e waste is not being dropped in garbage bin containing waste destined for disposal.



Do's:

- The machine should work under ambient temperature from 15~35 degree Celsius.
- The Electricity outlet, into which the unit is to be plugged, must have proper and reliable grounding.
- If power cord gets damaged, it must be replaced only with a similar new one sourced from an authorised supplier.

Don'ts:

- Do not keep the unit exposed to direct sunlight.
 - Don't position the unit near expensive furniture or electrical appliance as water spills can cause serious problem.
 - Don't modify the power plug and don't use an extension cord. It may lead to overheating & electrical fires.
 - Don't plug or unplug the power cord in switch on condition.
 - Don't use sourcing powder, harsh soap wax or polish on plastic parts.
 - Don't use a metal scrubber to clean the machine.
- Don't allow children below 18 years to operate the machine.