

# freshcup

## **User Manual**





## Safety Instructions

The *freshcup* is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lacking experience and knowledge, unless they have been instructed satisfactorily.

Washed items should be positioned onto the dish rack and into the cutlery basket without stacking and/or overlapping to ensure proper cleaning.

The *freshcup* is intended for use in staff kitchen areas in shops, offices and other working environments; farmhouses; by hotel/motel/B&B guests and in residential environments.

In case of damage to the power supply cable, the replacement cable should have a rating of 10Amps.

The *freshcup* is supplied with new drainage and water supply hoses; Only hoses supplied with the machine should be used.

Maximum allowed water pressure is 607 kPa (6 Bar) and minimum pressure is 101 kPa (1 Bar); The *freshcup* is equipped with a low water pressure sensor and will not operate below that level. For line pressure higher than the maximum allowed level, an external pressure reducer must be attached to the water inlet line.

## Introduction

*Thank you for choosing **freshcup** as the solution for a constant supply of clean cups at home or at work.*

*The **freshcup** is a brand-new product developed in Israel following eight years of research and development by top experts in the fields of engineering, chemistry, and electronics.*

*A great deal of thought has gone into analyzing the needs of potential users in order to develop a product which can be used by anyone to simply and efficiently wash cups and additional items at home or at work.*

*Tests carried out by independent laboratories have shown that cups washed in the **freshcup** are sanitized and detergent-free, using a worldwide patented innovative and effective method. The **freshcup** detergent is an environmentally-friendly product, specially developed for this machine and conforms to the harshest environmental standards - The detergent products biodegrade and do not remain in the water.*

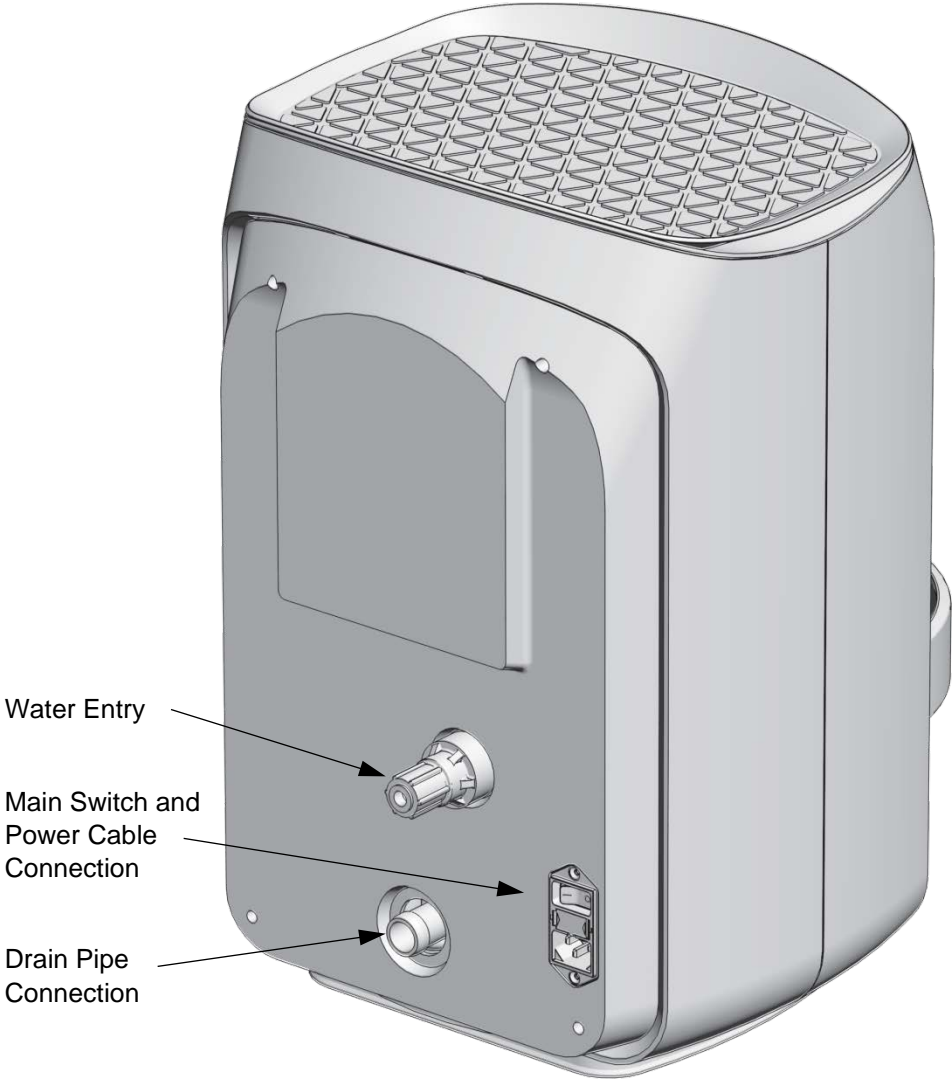
***freshcup** allows thorough cleaning and sanitizing using a brief, easy-to-use cycle, enabling the cleaning of cups, cutlery and dishes, and can be used to clean and sanitize baby bottles and personal drinking bottles.*

*If you have any questions, problems, or malfunctions, please contact your local authorized distributor.*

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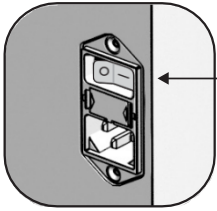
Water Entry

Main Switch and  
Power Cable  
Connection

Drain Pipe  
Connection



### First Time Operation:



1. Press the main switch at the rear to the ON position (Position 1). The switch light turns on. The *freshcup* will carry out a few rinse cycles automatically.
2. Remove the machine's drying tray.
3. Insert the yellow cartridge into the yellow marked opening on the right, rotating it until you find the correct insertion orientation (see detailed instructions on Page 9 under the heading "Detergent Refilling Procedure").
4. Insert the green cartridge into the green marked opening on the left, rotating it until you find the correct insertion orientation (see detailed instructions on Page 9 under the heading "Detergent Refilling Procedure").
5. Switch *freshcup* off. Wait for the control panel lights to turn off. Switch the machine on again using the switch at the rear. *freshcup* will perform a few cycles automatically.



Your *freshcup* is ready to operate.

After placing the items to be washed, selecting the desired operating mode and pressing the "Wash" button, the *freshcup* will start its cleaning cycle. Once the cycle is complete, your items will be clean and sanitized.





### Placing Dishes in the *freshcup*

#### Cups and Glasses

- Remove solids (lemon slices, cigarette butts, paper, etc.) from the mug/cup/glass.
- Rinse out black coffee grinds or other heavy residues.
- Invert the dirty mug/cup/glass, and place it mouth down on the dish rack.

#### Note!

It is recommended to place the mugs/cups with handles pointing sideways (see illustration).

Tall glasses may be unstable when inverted - Use caution!

#### Spoons and Cutlery

Place the spoons or cutlery in the specially designed cutlery basket, facing upwards.

#### Saucers and Plates

Place the saucer or plate on the dish rack against the two protrusions, with the top of the plate facing you (see illustration).

#### Baby Bottles

1. Place the bottle with its neck down.
2. Place the nipple on the dish rack, placing a clean glass on top of it (see illustration).
3. Choose the "High" setting to wash the bottle.
4. Use the Double Cycle function to wash a number of bottles.



## Personal Drinking Bottles

Open the bottle top/cap and place it neck down on the dish rack.

## Special High Fence Dish Rack

For high glasses, baby bottles and personal drinking bottles, a special high fence dish rack is available for purchase. It is recommended to use the special rack for such items, to keep them from toppling over during the wash cycle.



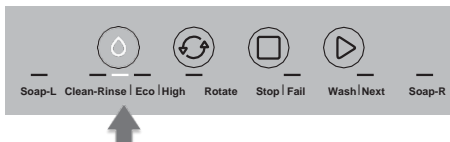
## Operating Mode Selection

The operating mode selection button on the left enables to choose between three operating modes – Eco, Rinse and High. Repeated activation of this button will scroll between modes. An indicator light will illuminate above the selected mode. During machine cleaning cycle, this light will flash intermittently, indicating that the machine is running.



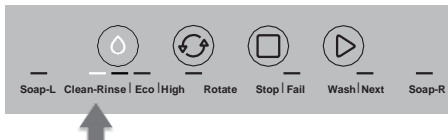
## Eco

This is the default *freshcup* operating mode. Use this mode to wash a cup that has been standing dirty for less than 6 hours, and is without traces of grease (soup/cocoa). The “Eco” mode includes hot water and steam. *freshcup* will return to this mode automatically at the completion of any cycle.



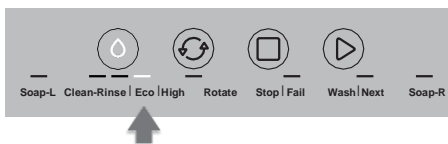
## Rinse

Use this mode to wash cups that have been left standing dirty for up to 2 hours. This is the fastest cycle and uses hot water only.



## High

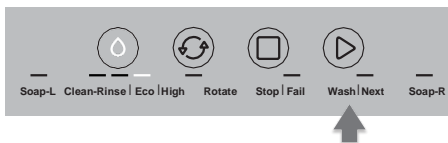
Use this mode to wash dishes with grease or lipstick, cups that have been left standing for over 6 hours, baby bottles, and especially dirty items. This cycle mode is longer and uses hot water and steam during cleaning to achieve maximum cleanliness.



### Wash

Once you have selected the operating mode (or wish to use the default “Eco” mode), press the “Wash” button on the right.

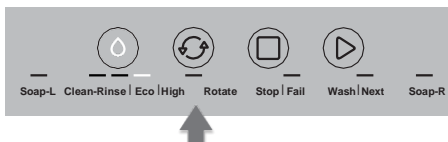
The light above the selected operating mode will flash intermittently throughout the complete cleaning cycle, indicating that *freshcup* is running.



### Rotate

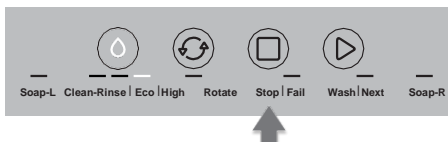
The “Rotate” button enables to remove dishes from inside the machine, for cases where the cycle has been stopped manually (See next paragraph) or due to a malfunction. The “Rotate” button will not function during a running cycle.

With normal operating cycles, the partition will rotate at the end of each cycle automatically, enabling cleaned items to be removed.



### Stop

Pressing the “Stop” button during the *freshcup* operation will stop the cycle. If the items in the machine are still with soap, the machine will rinse the items with water automatically before stopping the cycle.



## Double Cycle

For a larger quantity of dishes – Place the items to be washed on the rack, select an operating mode (or use the default “Eco” mode) and press the “Wash” button. After the partition rotates, select the preferred operating mode, place additional items on the rack and press the “Wash” button. The “Next” light will illuminate. When the first cycle is completed, the partition will rotate automatically to wash the new set of loaded items. This can be repeated as many times as required.



## Removing the Washed Items

At the end of each cycle, the partition will rotate automatically, allowing you to remove the clean items from the *freshcup*.

**Recommendation:** Do not leave items dirty overnight or for prolonged periods. Clean them in the “Rinse” mode as soon as they are used, thus saving on water and detergent.

## Tips for Proper Operation and Better *freshcup* Results

Make sure that there are no solid objects such as cigarette butts, lemon slices, olive pips, etc. clinging to any of the items placed on the dish rack.

Make sure that the dish rack is firmly in place.

Do not pile up more than one level of items at a time on the drying tray.

Do not wash the *freshcup*'s exterior with water.

## Detergent Refilling Indication

Should one of the two detergents run out, the machine will perform several rinse cycles, and the partition will rotate to enable washed items to be removed. The green (left) “Soap-L” or yellow (right) “Soap-R” light will illuminate, notifying you to refill the green or yellow detergent respectively.



## Detergent Refilling Procedure

In order to refill the yellow (right) detergent container, follow these steps: Remove all items from the drying tray and then remove the drying tray itself. Should there be a cabinet above the *freshcup* that interferes with the insertion of the detergent, gently move the machine forward so as to allow the cartridge to be inserted (return the machine to its place after refilling the detergent). Insert the new yellow marked cartridge into the yellow marked feed opening on the right. Rotate the cartridge to the correct insertion orientation. Do not force the cartridge in – this may cause damage.



Once the cartridge enters the feed opening, push it completely into place, enabling the yellow cartridge to empty itself into the *freshcup*'s inner container.

Rotate the partition by pushing on one side to leave it half turned. and check that detergent comes out of the sprinkler, indicating that the inner container is full. Remove the cartridge. Replace the drying tray.

In order to refill the green (left) detergent, repeat the above procedure, using a green marked cartridge and the left, green marked feed opening.

Should there remain detergent in the cartridge, it may be used for future refilling.

### Caution!

The yellow cartridge does not fit the feed opening for the green cartridge, and vice versa. Forcing the yellow cartridge into the opening intended for the green cartridge may damage the machine and completely disrupt its operation.



### Reset the *freshcup*

After completion of the detergent refilling procedure, switch the *freshcup* off using the main switch at the rear. Wait until the blue lights on the control panel turn off. Switch on the *freshcup* using the main switch. The machine will perform a few cycles automatically. The green and yellow detergent refilling indicator lights will turn off.

### Caution!

- The *freshcup* detergent is a hazardous material and must be handled with care.
- Do not open the cartridges. In the event of a leak, wash with water and dry.
- Do not remove the cartridge caps.
- The use of any detergent other than those provided by the manufacturer or the licensed distributor is not permitted as it may damage and even disable the machine. The company will not be held liable for any damage caused by use of non-original detergent.
- Do not puncture the cartridges.
- Do not switch the cartridges while refilling the machine – The yellow cartridge is intended for the machine's right side, where the feed opening is marked yellow, and the green cartridge is intended for the machine's left side, where the feed opening is marked green.

### Recommendation:

Store the empty or full cartridges in your possession with the openings facing upwards. Should any detergent leak or spill, wash well with running water.

### Cleaning

The front basin should be cleaned periodically.

To clean the basin:

1. Remove the cutlery basket.
2. Lift the dish rack.
3. Remove the dish rack and put it aside.
4. In this state, you can clear leftover dirt from the front basin. Clean the basin with water and soap.
5. Reinsert the dish rack and cutlery basket.



### Note:

Avoid cleaning the *freshcup*'s exterior with running water – The machine exterior should be cleaned with a moist rag and clean water only.

Do not attempt to repair the machine yourself! Our service personnel are at your service at all times under the warranty or under your extended service contract.

In case of malfunction and after carrying out the following checks, call your local authorized distributor.

In any malfunction event the Fail light will turn on as follows –

- Partition problem – Solid light.
- Sprinkler problem – Solid light.
- Water pressure problem – Intermittent flashing light.

### The Revolving Partition Doesn't Close

1. Press the "Rotate" switch, or use the main switch at the rear to turn the machine off. Wait for the control panel lights to turn off. Switch the machine on again using the switch at the rear.
2. Check if a foreign object is preventing the rotation. Check if the dish rack is placed properly and is not impeding the rotation.
3. If you have not found a solution, call your local authorized distributor.

### Foreign Object in the Front Basin

In the event that a foreign object falls into the front basin, it can be removed by the following procedure:

1. Remove the cutlery basket and remove the dish rack.
2. Rotate the partition by pushing it on one side and leave it half-turned.
3. If the partition does not rotate, check the rotation as per the previous section.
4. If the partition cannot be turned, call your local authorized distributor.
5. Check if there is a foreign object in the basin, and remove it.
6. Rotate the partition into its previous position.
7. Reinsert the dish rack and cutlery basket.
8. Press the "Rotate" switch or turn the machine off. Wait for the control panel lights to turn off. Switch the machine on again using the switch at the rear.





### Sprinkler Stuck/Caught

1. Turn the machine off. Wait for the control panel lights to turn off. Switch the machine on again using the switch at the rear. The *freshcup* will carry out a number of rinse cycles.
2. Remove the cutlery basket and the dish rack.
3. Rotate the partition by pushing it on one side and leave it half-turned.
4. Check if there is a foreign object in the front basin and remove it. If the sprinkler remains stuck on one side, push it towards the center (one click).
5. If the problem persists, call your local authorized distributor.
6. Reinsert the dish rack and the cutlery basket.
7. Turn the machine off. Wait for the control panel lights to turn off. Switch the machine on again using the switch at the rear.
8. The *freshcup* will carry out a number of rinse cycles.

### Fail Light is Flashing – Low Water Pressure

1. Turn off *freshcup* using the main switch at the rear.
2. Check if the water tap connected to the water inlet hose is open. Check that the building's water supply has not been shut off.
3. If the tap is open and the building still has running water, turn off the *freshcup* using the main switch at the rear and close the tap.
4. In order to release the pressure in the hose, turn the *freshcup* on using the main switch. The *freshcup* will stop working because of low water pressure.
5. Disconnect the water inlet hose from its connection to the *freshcup*, open the tap and check the water pressure in the hose (continuous flow).

#### Note!

Whenever connecting and disconnecting the water hose, make sure that there is a rubber washer in the hose connection to the *freshcup*.

6. If the hose is not clogged, remove the filter that is in the coupling connection of the water inlet hose, rinse the filter in water, and return it to its place.
7. Connect the water hose and open the tap. (Make sure the hose is not leaking at the point of connection).
8. Turn on the main switch - The *freshcup* will carry out a few rinse cycles.
9. If the low water pressure indication persists after performing the above actions, call your local authorized distributor.

The *freshcup* Installation should be performed by a qualified plumber only. If none are available, call your local authorized distributor.



### Installation requirements

- Power supply – An electrical outlet at a maximum distance of 1.5 meters from the location of the *freshcup*.
- Water supply – Minimum water pressure of 101 kPa (1 Bar) and maximum water pressure of 607 kPa (6 Bar) at a maximum distance of 1.5 meters from the location of the *freshcup*.
- The *freshcup* may be connected to a water heater.
- Installation surface – A countertop or shelf measuring 40 x 40 cm and capable of supporting a weight of 20 kg.
- Drainage - A sink or drainage point must be located no more than 1.5 meters from the *freshcup*, with the drainage point being lower than the point where the hose connects to the *freshcup*.

### Installation Instructions

1. Place the *freshcup* on the overflow tray.
2. Install a tap or main water shutoff valve at the connection of the water supply to the *freshcup*.
3. Connect the main water hose to the water source and the *freshcup* (ensure that the supplied sealing washers are used at both ends).
4. Connect one end of the drain hose to the water drainage outlet of the *freshcup* and the other end to the drainage point. Attach it with appropriate clips to avoid its disconnection while in use.
5. Open the water supply tap or valve and check for leaks.
6. Connect the *freshcup* to the electrical outlet.
7. Install dish racks including cutlery baskets. Turn on the main switch – Blue lights on the control panel indicate that the machine is connected. *freshcup* will carry out a few rinse cycles.
8. Insert the detergent cartridges into their openings as described on page 9 of this manual and empty their entire contents into the machine. Note that each cartridge must be emptied correctly – The yellow cartridge on the right and the green cartridge on the left.
9. Place the drying tray on top of the *freshcup*.
10. Switch *freshcup* off using the main switch at the rear. Wait for the control panel lights to turn off. Switch on the machine using the switch at the rear. *freshcup* will perform a few rinse cycles.
11. *freshcup* is ready for use.



### Countertop Installation – Draining Into the Sink

Place the drain outlet hose in the sink in a straight unobstructed line with the opening facing downwards.

**Note:** Draining into the sink may dirty the sink. Moreover, the opening must face downwards and be secured such that dirty water does not leak/spill onto the countertop.

### Under-the-Counter Installation

Drill a hole in the countertop (to allow for passage of the water and drainage pipes) matching the diameter of the supplied hoses.

Install a coupling adapter for the drain outlet hose at the point where the sink connects with the siphon

Ensure that the drainage hose is not bent/kinked and that it is at a continuous downward slope throughout its route. Bends/kinks may cause obstructions and flooding both within and outside the *freshcup*.

### *freshcup* Technical Data

Container Volume	Width	Height	Depth	Empty Weight	Power Consumption	Input Voltage
1.4 liters (Each Container)	32 cm	45 cm	40 cm	5kg	2200 W Minimum 13 ampere fuse	230 V

Water connections: Inlet: 3/4". Outlet: 19mm external diameter washing machine hose (hose is supplied with a 19mm internal diameter washer).

