

CLEANING AND CARE



Basis cleaning instructions		4.4
Daily cleaning instructions	CT	4.5
	CTS	4.6
	CT-MF	4.7
	CT-MF_MRU	4.8
	CTMcool	4.9

The BW² is a fully automatic coffee machine and with proper care and maintenance it will provide the user with quality coffee beverage production and machine reliability.

Proper cleaning and care of the machine is essential to ensure safe and reliable operation.

Care: After the machine has been installed and calibrated according to the requirements stated in this manual, it is recommended that the following daily actions be performed by the operator to ensure proper operation:

- No liquids of any kind should be stored on the top of the machine.
- Do not expose the machine to wet towels or sponges, particularly the keypad area.
- Avoid standing water anywhere on the machine or on the counter top around the area where the machine is placed.
- For good ventilation and to avoid over-heating, allow at least 2 inches / 4 cm free space between the machines' back and sides. This includes proximity to a wall, the stacking of cups or products, or any other obstruction to airflow.
- Overloading the top of machines with ceramics or other articles is not recommended.
- Avoid jarring or impact to machine or its components.

Cleaning: Cleaning of the machine's internal mechanism and external surfaces is one of the most important actions to ensure proper operation/function. Care must be taken not to expose the machine and surfaces (KEYPAD, DISPLAY etc.) to anything more than "damp" amounts of water or cleaning agents.

- The Automatic Cleaning Cycle with supplied cleaning tablets, as described in the operational overview, is required daily. These tablets are the ONLY AUTHORIZED cleaning agents to be used for this purpose.
- The grounds drawer is to be emptied when the display prompts to do so. The drawer should be rinsed with warm water at this time. At the end of daily operations, it should be hand washed with mild soapy water. Do not beat the grounds drawer on a hard surface to help removal of coffee grounds.
- Hopper should be removed daily, the beans emptied, and wiped clean with a clean dry towel. Hand washed with mild soapy water then air-dried.
- Once the hopper is removed daily, take the opportunity to remove/ vacuum any grounds or beans that may have collected around the mechanical module (Grinders/Mills).
- Remove the drip tray and clean with mild soapy water.
- The exterior of the machine should be wiped with a damp towel or sponge using warm, mild soapy water. Concentrate on areas that may have coffee or milk build-up.

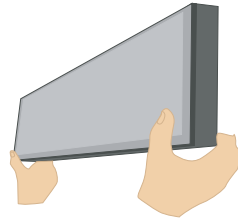
- NOTE:**
- Towels or sponges MUST be wrung out thoroughly to ensure they are only damp. Wet towels over control surfaces can cause malfunctions!
 - Steam wands - if available - should be cleaned after every use with a damp towel and a small amount of steam dispensed after pitcher has been removed to clear steam wand.
 - Pitchers of steamed liquid (milk, cider etc.) should always be removed immediately after desired temperature is reached. Do not allow steam wand to be in liquid when not dispensing steam.
 - The milk part - if available - cleaning starts simultaneously with the coffee part. We recommend to use the Thermoblue detergent only!

Preparation

- ✓ Black&White cleaning tablets
- ✓ Gloves and goggles

1.

- Empty and clean the drip tray before you start the daily cleaning process!
- Empty and clean bean hopper
Recommendation: Store the beans vacuum-packed in the fridge overnight.



Press both levers to the back to open the POD



Slide the little white lever to the left side position



Insert a cleaning tablet and close the POD



The following steps have to be performed at the end of each day of service and additionally if the "Clean appliance" message is displayed. Use only the Black&White cleaning tablets (art.no. 105.371/1 box with 90 tablets or 105.365/carton with 36 boxes) for the water circuit.

- Selfservice: Enter «Access Card» and pull out again. Cleaning key is released.

2.



Press the cleaning key (the cleaning mode starts)



The remaining time is shown on the display. Cleaning time takes approx. 5 minutes



After the cleaning the following message appears on the display:

POD open



Turn the little white lever back to the right side position and close the POD.



The coffee machine is ready to operate again

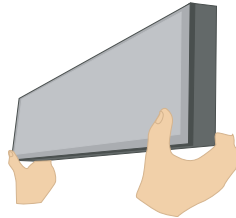
Preparation

- ✓ Black&White cleaning tablets
- ✓ Gloves and goggles



1.

- Empty and clean the drip tray before you start the daily cleaning process!
- Empty and clean bean hopper
Recommendation: Store the beans vacuum-packed in the fridge overnight.



Press both levers to the back to open the POD



Slide the little white lever to the left side position



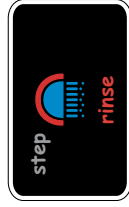
Insert a cleaning tablet and close the POD



2.



Press the cleaning key (The cleaning mode starts)



The remaining time is shown on the display. Cleaning time takes approx. 5 minutes



After the cleaning the following message appears on the display:

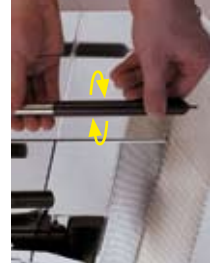
POD open



Turn the little white lever back to the right side position and close the POD.



Clean the steam outlet and nozzle



Caution: Steam wand and nozzle are hot! Danger for scalding!

Remove steam wand by turning it anti-clockwise and clean it with warm water.



The coffee machine is ready to operate again

- Black&White cleaning tablets
- Cleaning solution „thermo blue“
- Brush, Gloves and goggles

1.

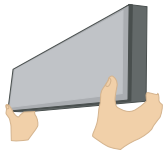
- Empty and clean the drip tray before you start the daily cleaning process!
- Empty and clean bean hopper
Recommendation: Store the beans vacuum-packed in a fridge overnight

Empty milk container

Place container under nozzles to collect milk
Press and hold two milk product keys
Pump starts to run after 3 sec.

- Remove the milk outlet and clean it with a brush and warm water.

- Remove the following parts and clean them with warm water.
- Air tube with nozzle
 - Milk air supply, assy.
 - Level sensor
 - Resistor



Use only the Black&White cleaning tablets (art.no. 105.371/box with 90 tablets or 105.365/carton with 36 boxes) for the water circuit, for the milk circuit use only the **thermo blue** cleaning detergent (art.no. 105.347/2.5Ltr. or 106.802/5Ltr.).

- Selfservice: Enter «Access Card» and pull out again. Cleaning key is released.

2.

- Remove the plastic milk bag. (Do not re-use remaining milk)



- Reassemble all parts and pour 60ml of **thermo blue** into the heating tank



- Open the POD



- Move the clean switch inside the POD to the left



- Insert Black&White cleaning tablet into the POD and close it.



3.

- The following message appears alternating on the display:

«Coffee»
«Coffee and Milk»

Select the desired cleaning mode with the cleaning key



The remaining time is shown on the display

- After the cleaning procedure "POD open" appears on the display



Open the POD and move the clean switch inside to the right.



Caution: POD is hot - Danger of scalding!

Close POD

- Dry the heating tank with a proper cloth



- Cleaning procedure is completed

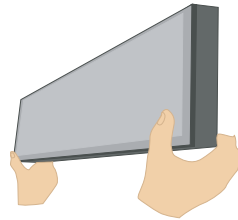
The coffee machine can be prepared for the next operation, refer to daily setup procedure.

Preparation

- ✓ Black&White cleaning tablets
- ✓ Cleaning solution „thermoblue“
- ✓ Gloves and goggles

1.

- Empty and clean the drip tray before you start the daily cleaning process!
- Empty and clean bean hopper
Recommendation: Store the beans vacuum-packed in a fridge overnight



Open the POD



Move the clean switch inside the POD to the left



Insert Black&White cleaning tablet into the POD and close it



Use only the Black&White cleaning tablets (art.no. 105.371/box with 90 tablets or 105.365/carton with 36 boxes) for the water circuit, for the milk circuit use only the **thermoblue** cleaning detergent (art.no. 105.347/2.5ltr. or 106.802/5ltr).

- Selfservice: Enter «Access Card» and pull out again. Cleaning key is released.

2.

✓ Remove the milk container of the fridge and clean it. Pour 60 ml **thermoblue** into the container and put it back in the fridge.



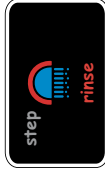
✓ Replace the suction tubes back into the container and press the cleaning key on the display.



✓ After the 4th cleaning cycle the machine demands to empty and clean thoroughly the milk container.



Clean the milk container with fresh water and make sure that there is no Thermoblue left in the container. Put the container back into the fridge. After pressing the cleaning key, the remaining 2 cycles will be started



✓ After the 6th cleaning cycle: Clean both suction tubes thoroughly



3.

✓ Open the POD and move the clean switch inside to the right and close it



✓ Weekly cleaning of the coffee outlet:
Remove the milk outlet and clean it with a brush and warm water.



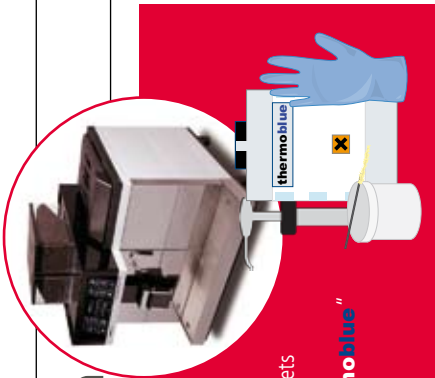
✓ Cleaning procedure is completed
The coffee machine can be prepared for the next operation.

Recommendation:

Store the beans vacuum-packed in the fridge overnight.

Preparation

- ✔ Black&White cleaning tablets
- ✔ Cleaning solution „thermoblue“
- ✔ Brush, Gloves and goggles



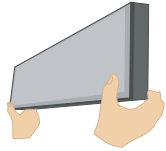
Cleaning instruction CTMF5/10 with external MRU container

Use only the Black&White cleaning tablets (art.no. 105.371/box with 90 tablets or 105.365/carton with 36 boxes) for the water circuit, for the milk circuit use only the **thermoblue** cleaning detergent (art.no. 105.347/2.5ltr. or 106.802/5ltr.).

- Selfservice: Enter «Access Card» and pull out again. Cleaning key is released.

1.

- ✔ Empty and clean the drip tray before you start the daily cleaning process!
- Empty and clean bean hopper
Recommendation: Store the beans vacuum-packed in a fridge overnight



✔ Empty milk container

Place container under nozzles to collect milk
Press and hold two milk product keys
Pump starts to run after 3 sec.

✔ Remove the milk outlet and clean it with a brush and warm water.



✔ Remove the following parts and clean them with warm water.

- Air tube with nozzle
- Milk air supply, assy.
- Level sensor
- Resistor
- MRU tube



2.

✔ Remove the plastic milk bag (Do not re-use remaining milk)



✔ Reassemble all parts and pour 60 ml / 2 pumps of **thermoblue** into the external container



✔ Open the POD



✔ Move the clean switch inside the POD to the left



✔ Insert Black&White cleaning tablet into the POD and close it



3.

✔ The following message appears alternating on the display:

«Coffee»
«Coffee and Milk»

Select the desired cleaning mode with the cleaning key



The remaining time is shown on the display

✔ After the cleaning procedure “Open POD” appears on the display

Open POD

Open the POD and move the clean switch inside to the right



Caution: POD is hot - Danger of scalding!

Close POD

✔ Dry the heating tank with a proper cloth



✔ Clean the milk container

✔ Cleaning procedure is completed

The coffee machine can be prepared for the next operation, refer to daily setup procedure.