A TASTE OF THE FUTURE
User manual

COFFEE QUEEN
Ice Princess

Din återförsäljare / Your retail dealer

Rev. 060815
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We congratulate to your choice of a Coffee Queen Ice Princess Instant machine. Please read through this manual before you take the machine into operation for the first time. The manual contents important instructions for a safe and proper usage of the machine. Always keep this manual within reach for the user!

**Coffee Queen / Ice Princess**
- Making coffee cup by cup
- 4 choices of drinks + chilled water
- 2 - 4 ingredients canisters,
- Adjustable coffee strength
- Clock functions

**Facts:**
- Height: 495 mm
- Width: 310mm
- Depth: 490mm
- Electricity: 230V/2200W Chiller unit
- Water connection: ½” outside thread
- Ingredient canisters: 2 - 4 / unit
Membran switch

drink 5

6

7

8
3. Overview of components, front

- Key switch (cup and jug choice)
- Display
- Strength of drinks ++ or --
- Choices of drinks
- Outlet/drinks
- Drip tray
- Drip tray insert
- Cup holder
- Door lock

Ice Princess
3. Overview of components, mixer system

<table>
<thead>
<tr>
<th>Detail;</th>
<th>Ingredients;</th>
<th>Width;</th>
<th>Height;</th>
<th>Depth;</th>
<th>Volum/litre;</th>
<th>Amount/unit</th>
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<td>67</td>
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<td>225</td>
<td>1,15</td>
<td>1</td>
</tr>
</tbody>
</table>
3. Overview of components, cooling water

Ice Princess

- Cooling unit
- Fan
- Condenser
- Dryer
- Standard equipment
- Compressor
- Starting capacitor
- Thermostat
- Water IN
- Water OUT
- Pull out unit

7.
4. Service. Installation and start

Ice Princess

1. Locate the brewer on a flat level and waterproof surface. Connect the electrical plug to a separate grounded wall socket

Grounded wall socket 230V 10A

OBSERVE! Make sure there is a space behind the machine for free flow of air. (minimum 10cm).

2. Connect attached water tube to cold water with an R 1/2”. Make sure that the water hose not are kinked anywhere when machine is pushed into place.

Please flush the water tube before connecting to machine, this to avoid any particles to destroy the inlet valve.

3. Open the water inlet.

4. Turn on the ON-OFF switch inside the door.

Now the chiller will starting up.

After approx. 15 minutes machine are ready to use.

5. Close door.

ON / OFF switch
6. **Fill canisters with ingredients.**

Take out (this to avoid unnecessary spillage in the machine) ingredient canisters and fill them with ingredients.
1. Turn up chute.
2. Lift up canister and pull out.
3. Lift off lid and fill canister with ingredients.

7. **When placing the ingredient canisters:**

Make sure that the outlet pipes on the ingredient canisters are touching the steam traps \(\text{(A)}\).
Making a drink.

1. Place a cup in the centre of the cup holder.

2. The strength has a standard setting, if you wish to increase or decrease it, do as follows. 1 cup brewing if not continue to point 3.
   - **Stronger drink:** Increase by pushing + or ++ for 5% or 10%
   - **Weaker drink:** Decrease by pushing - or -- for 5% or 10% (the indication lamp will go up or down depending of choice).

3. Choose drink by pushing on the button to the right of each menu
   - The display will show; "Please wait", and the light on the cup will light up.

4. Wait until the light on cup and the text "Please wait" has been turned off before you take your cup.

5. Enjoy your drink.
### 6. CLEANING: Weekly cleaning

#### Ice Princess

**Dismantle: Mixer system**

1. Loosen outlet hose (A) and turn lock knob (B) anti-clockwise.

2. Loosen mixer bowl. Pull apart (C).

3. Loosen whipper (D) pull whipper straight out from the machine.

4. Turn lock knob anti-clockwise (E) until it stops.

5. Clean with a wet rag and dry dryly.

**Wash these parts:**

- **A.** Mixer bowl
- **B.** Steam trap
- **C.** Whipper
- **D.** Assembly plate

Make sure these parts are dry before use.

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6. CLEANING: Weekly cleaning Ice Princess

7. Reassemble the assembly plate by turning lock knob (F) clockwise. **INSPECT** gaskets.

8. Make sure that the motor whippers plane side will be in accordance with the whippers plane side. see next (G) and picture (H).

9. Assemble whipper, pull until you hear a clicking noise. (H).

10. Assemble mixer bowl and steam trap (J) see picture.

11. Easily push the mixer bowl towards, according to (K) and lock with lock knob (L). Connect outlet hose (M). **(NOTE!** make sure that all water hose are connected at right place.
Automatic cleaning of mixing system.

The mixer bowls can easily be cleaned with the key switch in "cup" (normal) position. **Daily automatic cleaning of mixing system.**

1. Place a empty jug in the middle of the drip tray.

2. Turn the key slowly ninety degrees and back again.

3. **Push button** for drink 1 in 6 seconds.

   After 6 seconds the mixer bowl starts to be cleaned as long as the button is pushed or max.10 seconds.

   **Display shows:**
   
   "Cleaning Mixer 1". (in 5 sec.)
   "Cleaning Mixer 2". (in 5 sec.)
7. CLEANING:  Cleaning program  Ice Princess

Automatic cleaning of mixing bowl 1 or 2.

The mixer bowls can easily be cleaned with the key switch in "cup" (normal) position.

1. Place a empty jug in centre of drip tray.
2. Turn the key slowly ninety degrees and back again.

3. Push button for drink 2 in 6 seconds.
   For cleaning of mixing bowl 1
   Or: Turn the key slowly ninety degrees and back again.

4. Push button for drink 3 in 6 seconds.
   For cleaning of mixing bowl 2

After 6 seconds: Mixer bowls starts to be cleaned

Display shows: "Cleaning Mixer 1".(for 5 sec.)
"Cleaning Mixer 2".(for 5 sec.)
### Automatic cleaning of In/Outlet valves:
The In/Outlet valves can easily be cleaned with the key switch in "cup" (normal) position.

1. **Place a empty jug in the centre of drip tray.**

2. Turn the key slowly ninety degrees and back again.

3. **Push button** for drink 1 and 2 at the same time in 6 seconds. **Keep buttons down.**

All In/Outlet valves will now start to open and close with 2 pulses/second in 10 seconds or so long you pushed the buttons

**The display shows:** "Cleaning valves".
8. Cleaning and maintenance

Outside cleaning; use a soft rag and liquid cleaning agent which not scratch.

Condenser cleaning: Chiller unit. Must be cleaned every 6 month. With an extremly dusty environment you must have a much moore frequently cleaning.

Clean condenser (C) free from dust,(between cooling flange) by using a brush or a vacuum cleaner.
Cup counter: The machine has an in built cup counter which is available to see and reset with the key switch in "cup" (normal) position.

1. Push "-" button in 6 seconds.
   After 4 seconds a signal will go faster.
   Display shows: "Total xxx cups"
2. Push button for drink 2
   Display shows: "Choice 1 free xxx cups"
3. Push button for drink 2
   Display shows: "Choice 1 coin xxx cups"
4. Push button for drink 2
   Display shows: "Choice 1 xxx cups in can"
5. Push "+" button to reach to "choice 2" etc.
6. Push button for drink 3 to reset the counter.
7. Push "Stop" button to go back to user mode.

Easy Access: Water and ingredient amount can be adjusted with ±15% with the key switch in "cup" (normal) position.

1. Push "+" and "-" button at the same time.
   After 4 seconds a signal will go faster.
   Display shows: "Easy access "Styrka 1 100%"
2. Go to right button(choice which you want to change by pushing"+" or ")" button.
3. Push button for drink 2
   Display shows: for example. Volyme 4 and"Blinking 100%"
4. Change by pushing "+" or ")" button.
5. Push button for drink 3 for entering the change.
6. Press "stop" to quit.
10. Safety functions.

The machine is equipped with following safety functions

1. Indication of door
   Door not closed
   Display shows: "Door open"

2. When machine is not in use:
   The inlet valves are blocked.

11. Failure messages.

Failure messages which can mostly be corrected without any help from service company

1. Display shows; "Blocked" "Water level low"
   Please check incoming water connection Turn off the machine with the main switch wait for 10 sec. and turn on again.

2. Display shows normal: but no drink is coming.
   Possible cause of failure:
   Mechanical stop in the ingredients canisters or whipper.

   Measure:
   Try to find the cause of failure.
   Clean the mixer system and try again.


Transport and no use in long time.

1. Turn off the switch, pull out the plug and close incoming water tube.
2. Empty the water tanks.

Long machine storage at temperatures as below 0°C (zero degrees celsius) can cause damage of the machine. Total emptying of water is recommended.
13. DIMENSION SKETCH.

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Dimensions:
- Width: 310 mm
- Height: 490 mm
- Depth: 495 mm
COFFEE QUEEN

Ice Princess

FOR SERVICE

Please contact

Din återförsäljare / Your retail dealer

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Art nr/Art. no. 1704372