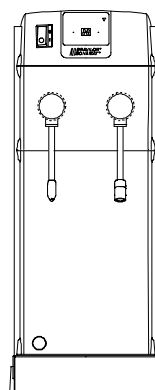
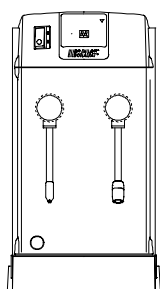


Bravilor Bonamat®

RLX

HOT-WATER/STEAM MODULE



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1. MODULES 4 AND 8 (HOT WATER/STEAM)

1.1 Introduction

In this document, the specific information for the above-mentioned module is discussed. Please also thoroughly read the general user instructions.

1.1.1 General description

These modules are designed for the preparation of hot water and steam. The water is heated and the boiler is brought up to pressure as soon as the module is switched on using the ON/OFF switch. The water is drawn off using the hot-water draw-off tap. Drinks may be heated up by steam, using the steam-draw-off tap.

1.1.2 Main components

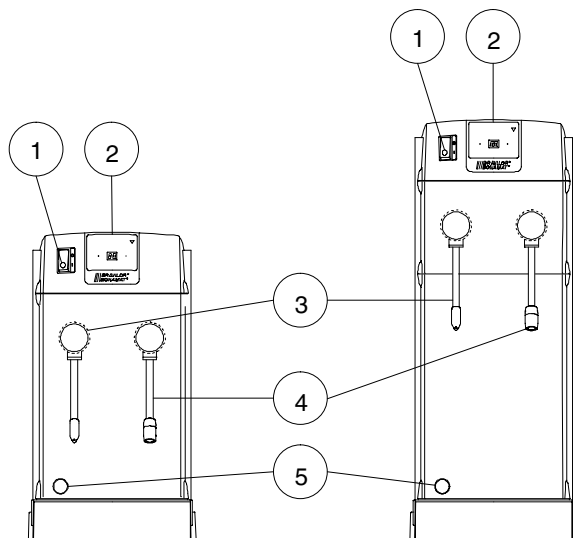


Fig. 1 Main components hot-water/steam modules

1. ON/OFF switch
2. operating panel
3. steam tap
4. hot-water tap
5. outlet safety valve

1.2 Technical data

- See table 1 for additional technical information about the steam modules.

	Modules 4 and 8
Boiler capacity	2,5 litre
hourly capacity	24 litre
water reserve	1,6 litre
overpressure (steam pressure)	0,6 bar

Table 1 Technical information

1.3 First use

1.3.1 Flushing

1. Switch on the module.
 - The module will first take water to the maximum level, after which the pressure is brought up to 0.6 bar.
2. Drain off the water using the hot water draw-off tap.

After this, the steam module is ready for use.

1.4 Daily use

1.4.1 Controls

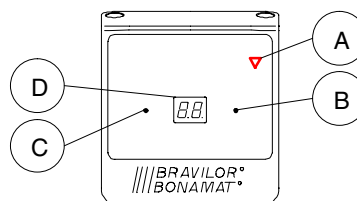


Fig. 2 Control panel hot-water/steam modules

- A. **descaling indication** ▽
Will flash to show that the machine needs to be descaled.
- B. **[-] button**
Push button to change the values during programming.
- C. **[+] button**
Push button to change the values during programming.
- D. **Display**
Displays the overpressure.

1.4.2 Operation

1.4.2.1 Preparing steam

1. Switch on the module.
 - The boiler is filled and the water is heated up.
 - During the filling and the heating process, the display shows little marks that are turning around.
2. Wait until the display indicates the pressure of the steam.

The module is now ready to heat up drinks using steam.

1.4.2.2 Tapping hot water

1. Place a cup or a jug under the hot water tap.
2. Open the tap.
3. Turn off the tap as soon as sufficient water has been drawn off.



WARNING

△ If all the water is drawn from the boiler, it may come spluttering out until finally only condensation comes out of the draw-off tap.

1.4.2.3 Heating with steam

1. Place the container with the drink to be heated underneath the steam-draw-off tap.
2. Make sure to insert the steam outlet a couple of centimetres into the liquid.
3. Open the tap gradually.
 - The drink will now be heated by the steam that is passed through the liquid under pressure.
4. Turn off the tap as soon as the drink has reached the desired temperature.
5. Remove the container with the drink.
6. Draw off a little more steam to ensure that any of the drink that remains behind in the outlet is removed.



TIP

– Clean the steam outlet regularly to ensure that the flavour of the heated drink is not affected.



WARNING

△ Never touch the steam outlet.

1.5 Programming the module

The operating panel is also used for programming purposes.

During programming, the [-] button (B.) serves to lower certain values, and the [+] button (C.) to raise them.

P1 (counter position descaling):

Setting the counter position, at which the descaling signal is to start flashing.

P2 (total):

Reading the total number of litres of water that has run through the module.

	Factory setting	Set by you
P1	3	

1. Simultaneously press the [+] button (C.) and the [-] button (B.) to start the programming mode.
2. Keep them pressed for about 10 seconds, until P1 appears on the display.
3. Let go of the buttons.
 - The value for P1 appears.
4. Adjust, if desired, the value.
5. Press both buttons again for a short moment to select the next P values.
6. Wait for about 60 seconds.
 - The programming mode will automatically be switched off, storing the set value.

1.6 Maintenance

1.6.1 General

- See §1.5 of the “General user instructions”.

1.6.2 Regular cleaning of the steam outlet

1. Unscrew the steam outlet from the steam tap.
2. Clean the steam outlet with a brush under running water.
3. If any of the holes are blocked, prick them until they are open again.

1.6.3 Descaling

Specialist knowledge is required when descaling the steam module. Have your service technician do this!

1.7 Correcting malfunctions

- See §1.6.1 of the “General user instructions”.

1.7.1 Malfunctioning analysis hot-water/steam module

LIST OF MALFUNCTIONS		
Symptom:	Possible cause:	Actions:
1. [] Stays turning in the display.	The module is not (yet) on pressure.	Wait until the modul is on pressure (ca. 10 min.).
	The module is not (yet) on pressure.	Call in service.
2. When using the steamtap, water comes out instead of steam.	–	Call in service.
3. Descaling signal is flashing.	Descaling counter has reached the maximum number of litres.	Call in service.
4. Water drips out of outlet safety valve.	–	Call in service.

1.7.2 Display messages

DISPLAY MESSAGES		
	Possible cause:	Actions:
E1	The overflow protection was activated.	Check the supply hose for any kinks. Check the water pressure at the same time. Reset the system afterwards: set the ON/OFF switch to the off position and then switch it on again.
		Call in service.