

# Manual for drawing up service contracts

**With exception of descaling, periodical maintenance to our equipment is not necessary. However, periodical maintenance will extend the life of the machine and will reduce the chance of break-downs.**

## Esprecious en FreshMilk

### Important

**Before maintaining or repairing the machine, please read the safety instructions as described in the safety manual, service manual or the packing of the detergent.**

**Please also follow up the work instructions as therein described.**

**Safety manuals and service documentation can also be found on Bravilor Bonamat's internet pages.**

### Water filter

Dependent on the hardness of the water, the machine(s) should be descaled on a regular basis. With an average hardness of 8°DH this should take place every 1000 litres (Esprecious), 150 litres (FreshMilk). Should the estimated usage be considerably higher than 1000 litres (Esprecious) and 150 litres (FreshMilk) (approx. 8000 consumptions) for one of these machines it is advisable to connect the machine to a water filter. This will also improve the quality (taste and scent) of the water supplied.

We recommend measuring the hardness of the water on the location where the machine will stand so that the right setting in the machine for the hardness can be chosen; also, when a water filter is used it is recommended to measure the hardness of the water so that the right setting can be chosen. By this means the machine will give the descale massage on the right moment.

### Exchange brewer

The total length of time of maintenance at the customer can be considerably reduced by making use of an exchange brewer. The customer's brewer will then be exchanged by an already revised brewer. This saves time and inconvenience at the customer.

### Frequency

- When estimated use is less than 20000 consumptions per year, maintenance should take place once a year.
- When estimated use is more than 20000 consumptions per year, maintenance should take place once every half year.

### Duration

- Esprecious +/- 90 minutes
- FreshMilk +/- 30 minutes
- Total +/- 120 minutes

# 1. General

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## 1.1 General Espresso

- Clean all parts as described in the weekly maintenance.
  - Clean the complete machine inside and outside.
  - Check all parts (inside and outside) on damage, wear and/or leakage.
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## 1.2 General FreshMilk

- Clean the complete machine inside and outside.
- Clean the ventilator and the outside of the condenser of the cooling system carefully with a vacuum cleaner.
- Check all parts (inside and outside) on damage, wear and/or leakage.

# 2. Descaling

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## 2.1 Descaling Espresso (+/- 30 min)

- Descale the Espresso as described in the descale procedure in the display.
- Check the water selector after descaling and eventual remove it if needed, remove possible remaining scale residues; grease auger and rotation disc with silicone grease and re-assemble.
- Remove cold water reservoir and check float and pump on damages, dirt and/or wear, and re-assemble.

### **Necessities:**

7.190.101.212 Renegite.  
Silicone grease (food graded).

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## 2.1 Descaling FreshMilk (+/- 20 min)

- We advise to also descale the FreshMilk when the descale message of the Espresso comes up, even if the descale message of the FreshMilk did not come up.
- Descale the FreshMilk machine as described in the descale procedure in the display.

### **Necessities:**

7.190.101.212 Renegite.

### 3. Dispensing system FreshMilk (+/- 10 min)

- Clean the pump housing of the milk pump, check the procedure on our internet site, cleaning peristaltic pump.
- Replace the tube of the milk pump.
- Calibrate the milk pump.

#### **Necessities:**

7.193.401.101 Milk cleaning tablets.

1X 6.034.201.500 Tube milk pump.

### 4. Brewer Esprecious (+/- 30 min)

- Replace the brewer parts that are included in the brewer set.
- Clean the brewer.
- Check on proper functioning.

#### **Necessities:**

1X 6.000.331.023 Brewer set.

1X 7.193.101.101 Cleaning tablets coffee.

1X 7.270.602.101 Service tool brewer (reusable tool).

Brewer set contains:

1X Sieve micro filter flat, 1X Sieve micro filter, 1X Gasket, 1X O-ring (D37), 1X O-ring (D32), 1X O-ring (D6,07), 1X tube (l=680mm), 1X Clamp, 1X Bottom sieve

### 5. Mixing system (+/- 10 min)

- Replace seal mixer motor.
- Check shaft mixer motor on dirt and wear, and clean if required.

#### **Necessities:**

1X 6.229.806.001 seal mixer + 6.030.071.020 seal mixer + 6.011.001.152 O-ring.

### 6. Grinder (+/- 20 min)

- Empty and clean bean canister and grinder.
- Clean the grinding discs.
- Fill the canister with a small amount of beans and check the ground.
- Adjust the ground when required and check again.

Advice:

- When the ground is adjusted, check all recipes of coffee and espresso products.