

**Gemme Italian Producers Srl**

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## RESEARCH AND DEVELOPMENT

### DESCALING PROCEDURE FOR PL62X- MARAX PL162T- BIANCA

#### PREMISE

The accumulation of limestone is a completely normal process, caused by the presence of minerals in the water that, with time, deposit and form sediments.

To avoid the formation of such sediments inside the coffee machine circuit and to ensure the best result when preparing hot drinks, it's always necessary to use LELIT resin filters, code PLA930S - PLA930M, replacing them regularly, according to their instructions of use.

The descaling of the hydraulic circuit must be performed ANNUALLY to guarantee the machine longevity and constant performance. This operation requires the intervention of a specialized technician.

Descalers are particularly acidic substances, capable of dissolving the limescale deposits present inside the coffee machines circuit without damaging them. These substances must be obviously handled with care, since they are dangerous for health and for the environment and they are often not shown on the product label.

Descaling must be carried out with **PULY DESCALER ESPRESSO - LIQUID** product. Before use, read the product safety sheet attached to the procedure. The use of other similar products is prohibited.

**WARNING:** the constant presence of the operator / specialized technician is mandatory for the entire duration of the procedure!

**NOTE:** fill in the fields in the attached CHARTS to record all the descaling operations carried out on the machine circuit.

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## DESCALING PROCEDURE FOR PL62X- MARAX PL162T- BIANCA

With the machine on and at right temperature for “ready to use”:

- remove the LELIT water softener filter from the , if inserted
- fill the tank with 2 l of fresh water
- add 2 bottles of **PULY DESCALER ESPRESSO LIQUID** and then add water until the tank is filled.

Place a container of at least 2 l capacity under the hot water wand,

- turn the hot water knob and draw water until it stops coming out.

After this:

1. The load of the boiler with water will start. The boiler will be filled with the descaling solution.

2. Wait for the machine to reach the right temperature

**WARNING: check the pressure gauge, if it reaches 3 bar, open the steam wand for a few seconds!**

Place a container of at least 2 l capacity under the hot water wand, turn the hot water knob and withdraw 0.5 l of water.

3. Remove, by unscrewing anticlockwise, the shower of the hot water wand using a soft cloth (**WARNING: hot surface**), rinse it well.

4. Reassemble the shower, screwing it clockwise, using a soft cloth.

5. **WARNING: take a 1-minute break between one operation and the other so as not to overheat the pump (to know how long the break needs to be, wait for the pump to finish the load).**

Place a container of at least 2 l of capacity under the brew group, lift the lever of the group and withdraw 0.5 l of water. (**With a damp cloth remove immediately any splashes that could end up on the body of the machine, ruining its finish**).

**WARNING: when dispensing water from the group, always check the water level in the tank. If the level is so low that it does not allow any water to be drawn, pull the lever back down to end the withdrawal!**

6. Repeat point 2 and 5 until the solution in the tank has run out.

7. Remove the tank, rinse it well and fill it completely with fresh water.

8. Repeat point 2 and 5 until at least 4 tanks full of fresh water are used up.

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- 9 Remove, by unscrewing anticlockwise, the shower of the hot water wand using a soft cloth (**WARNING: hot surface**), rinse it well.
10. Reassemble the shower, screwing it clockwise, using a soft cloth.
11. Insert LELIT water softener filter back in the tank.

