

## HEAVY METALS MIGRATION

### Models with boiler capacity 250ml:

#### (PL41/42-PL81T)

The lower part of the boiler is made of brass but a chrome surface processing (Stecrhome type- NSF regulation conformity) is performed, to reduce the lead migration.

The upper part is made of brass OT58 - "CW617N".

The fittings are in brass with nickel treatment, and the s. valves are made of brass OT58 - "CW617N".

### Models with boiler capacity 300ml:

#### (PL41PLUS-PL91T-PL82T-PL92T)

The upper part of the boiler, is made of CW510L alloy (OT57-free-lead brass), having the 0,2% max. of lead (value within the limits approved according to the DIN 50930-6 regulations), and the lower part is made of OT58 brass but a chrome surface processing (Stecrhome type- NSF regulation conformity) is performed, to reduce the lead migration.

The fittings are in brass with nickel treatment, and the s. valves are made of brass OT58 - "CW617N".

### PL62- Mara models:

The boiler for Mara machines is made of copper (**CW024A** type- having the 0,015% to a max. 0,040% of lead) with the flanges made of **CW510L** alloy (OT57- free-lead brass).

The E61brewer and the steam and hot water taps, are made of brass (OT58 - "CW617N"), but a surface processing (Stecrhome type- NSF regulation conformity) is performed, to reduce the lead migration.

### PL62X – MaraX model:

The boiler for MaraX is made of stainless steel, INOX **AISI 316L**.

The E61brewer and the steam and hot water taps, are made of brass (OT58 - "CW617N"), but a surface processing (Stecrhome type- NSF regulation conformity) is performed, to reduce the lead migration.

### PL162T-Bianca model:

The Bianca machine is assembled with a rotary FULID-O-TECH pump, NSF approved.

The pump is realized in CW510L /OT57 (brass), an alloy with max lead content 0,2%, allows the respect of the most restrictive laws in US.

The E61 brewer is made of brass (OT58 - "CW617N"), but a surface coating process (Stecrhome type- NSF regulation conformity) is performed to reduce the lead migration.

The same coating process is performed also for the steam and hot water taps.

Some fittings and the expansion valve are made of brass (OT58 - "CW617N").

## PL2- Giulietta models:

The boiler for Mara machines is made of copper (**CW024A** type- having the 0,015% to a max. 0,040% of lead).

The E61 brewer and the steam and hot water taps, are made of brass (OT58 - "CW617N"), but a surface processing (Stecrhome type- NSF regulation conformity) is performed, to reduce the lead migration.

The pump is realized in CW510L /OT57 (brass), an alloy with max lead content 0,2%, allows the respect of the most restrictive laws in US.

The fittings and the solenoid valves is made of CW510L alloy (OT57-free-lead brass).